

# CBRN assistance and capacity-building programmes for African states



# CBRN assistance and capacity-building programmes for African states

Annie DuPre and Nicolas Kasprzyk

Transnational Threats and International Crime Division, Institute for Security Studies

# Table of contents

<b>Introduction</b> .....	iii
<b>Acronyms</b> .....	iv
<b>States</b> .....	1
Argentina .....	1
Australia .....	2
Austria .....	3
Belarus .....	3
Belgium .....	4
Brazil .....	5
Bulgaria .....	5
Canada .....	6
China .....	8
Czech Republic .....	9
Denmark .....	10
Estonia .....	11
Finland .....	12
France .....	13
Germany .....	16
Greece .....	18
Hungary .....	19
India .....	20
Ireland .....	21
Israel .....	21
Italy .....	22
Japan .....	24
Liechtenstein .....	25
Lithuania .....	25
Luxembourg .....	26
Malaysia .....	26
Malta .....	27
Mexico .....	27
Netherlands .....	28
New Zealand .....	29
Norway .....	30
Pakistan .....	31
Poland .....	32
Portugal .....	33
Republic of Korea .....	34
Romania .....	36

Russian Federation.....	37
Singapore.....	38
Slovakia.....	39
Slovenia.....	39
South Africa.....	40
Spain.....	42
Sweden.....	44
Switzerland.....	45
United Kingdom of Great Britain and Northern Ireland.....	46
United States of America.....	49
<b>International, regional and subregional organisations.....</b>	<b>55</b>
Biological Weapons Convention Implementation Support Unit (BWC-ISU).....	55
European Union (EU).....	57
Inter-Parliamentary Union (IPU).....	65
International Atomic Energy Agency (IAEA).....	66
International Maritime Organization (IMO).....	68
International Monetary Fund (IMF).....	68
INTERPOL.....	69
Missile Technology Control Regime (MTCR).....	71
Nuclear Suppliers Group (NSG).....	71
Organisation for the Prohibition of Chemical Weapons (OPCW).....	72
Organization for Security and Co-operation in Europe (OSCE).....	73
United Nations Institute for Disarmament Research (UNIDIR).....	74
United Nations Office on Drugs and Crime (UNODC).....	75
United Nations Regional Centre for Peace and Disarmament in Africa (UNREC).....	77
World Bank Group.....	78
World Customs Organization (WCO).....	79
World Health Organization (WHO).....	80
World Organisation for Animal Health (OIE).....	81
Zangger Committee.....	82
<b>Civil society organisations, academia and other relevant entities.....</b>	<b>83</b>
African Bio-safety Association (AfBSA).....	83
African Bio-safety Network of Expertise (ABNE/NEPAD).....	84
Chemical and Allied Industries' Association (CAIA, South Africa).....	85
Global Emerging Pathogens Treatment Consortium (GET).....	86
International Centre for Genetic Engineering and Biotechnology (ICGEB, University of Cape Town).....	87
International Federation of Biosafety Associations (IFBA).....	88
Noguchi Memorial Institute for Medical Research (University of Ghana) (NMIMR).....	89
Verification Research, Training and Information Centre (VERTIC).....	90
<b>Notes.....</b>	<b>92</b>

# Introduction

United Nations Security Council's resolution 1540 and relevant continental and international instruments, such as the Treaty of Pelindaba on the African Nuclear-Weapon-Free Zone, the Chemical Weapons Convention (CWC), the Biological and Toxin Weapons Convention (BTWC), the Treaty on the Non-Proliferation of Nuclear Weapons and the counter-terrorism instruments, call for various measures to be taken at the national level, and encourage international cooperation.

Resolution 1540 has brought new ways of working to prevent the proliferation of weapons of mass destruction to non-state actors, including by establishing a capacity-building mechanism within a framework where the 1540 Committee facilitates match-making between requests and offers of assistance.

Efforts have been undertaken in different contexts, and at different levels, to encourage and support states in their efforts to implement the international norms they are committed to and build the necessary capacity. As of 15 November 2016, almost 50 states and a significant number of international, regional and sub-regional organisations and other arrangements have formally identified themselves as assistance providers in the context of resolution 1540. The 1540 Committee and relevant bodies such as the Global Partnership Working Group play a key role, in facilitating the sharing of information related to assistance and capacity-building programmes, and encouraging coordination among assistance providers.

At the continental level, the African Union Commission is instrumental in promoting the full implementation of resolution 1540 by its member states and assistance delivery. In the closing remarks of the African Union Review and Assistance Conference on the Implementation of UN Security Council Resolution 1540 (2004) in Africa (Addis Ababa, Ethiopia, 6–7 April 2016), the Head of the Defence and Security Division and Regional 1540 Coordinator Dr Tarek Sharif stated the intent of the African Union 'to enhance continental modalities for the coordination of assistance provision in the area of resolution 1540 and the relevant disarmament and non-proliferation instruments', thus confirming the increasingly active role played by the continental body on these matters.

This directory, compiled by the Institute for Security Studies (ISS) with financial support from the government of Denmark, is designed as a dynamic document to support capacity-building efforts on the African continent. It aims to provide an overview of existing assistance and capacity-building programmes available for African states in the chemical, biological, nuclear and radiological areas. For each assistance provider<sup>1</sup>, the inventory provides a brief description of assistance activities, identifies relevant points of contact and lists specific projects or programmes related to Africa and African states. The information was gathered through direct engagement with the assistance providers, and from publically-available information as well as from presentations delivered at select events.

The ISS welcomes feedback from users and readers of this directory including on how to make it more user-friendly and current.

# Acronyms

ABNE/NEPAD	African Bio-safety Network of Expertise
AfBSA	African Bio-safety Association
AFRICISIS	African Centre for Science and International Security
ANBAA	Association of National Biosafety Agencies in Africa
ASEAN	Association of Southeast Asian Nations
AU	African Union
AWEPA	European Parliamentarians for Africa
BTWC	Biological and Toxic Weapons Convention
BWC-ISU	Biological Weapons Convention Implementation Support Unit
CAIA	Chemical and Allied Industries' Association
CBM	Confidence Building Measures
CBRN	Chemical, Biological, Radiological and Nuclear
cDNA	complementary DNA
CPPNM	Convention on the Physical Protection of Nuclear Material
CRDF	Civilian Research and Development Initiative for the Independent States of the Former Soviet Union
CTBTO	Comprehensive Nuclear-Test-Ban Treaty Organization
CTR	Cooperative Threat Reduction
CTSP	Coordinated Technical Support Programme
CWC	Chemical Weapons Convention
DIRCO	Department of International Relations and Cooperation (South Africa)
DoD	Department of Defense (US)
DoE	Department of Energy (US)
DoS	Department of State (US)
DRC	Democratic Republic of the Congo
EALA	East African Legislative Assembly
EC	European Commission
ECDC	European Centre for Disease Prevention and Control
EU	European Union
EU CBRN CoE	EU CBRN Risk Mitigation Centres of Excellence Initiative
ECOWAS	Economic Community of West African States
FAO	Food and Agriculture Organization of the UN
GET	Global Emerging Pathogens Treatment Consortium
GICNT	Global Initiative to Counter Nuclear Terrorism
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit
GPP	Global Partnership Program

GTRI	Global Threat Reduction Initiative
IAEA	International Atomic Energy Agency
ICAO	International Civil Aviation Organization
ICCA	International Council of Chemical Associations
ICGEB	International Centre for Genetic Engineering and Biotechnology
IFBA	International Federation of Biosafety Associations
ILO	International Labour Organization
IMO	International Maritime Organization
IMF	International Monetary Fund
INSEP	International Nuclear Safeguards and Engagement Program
INTERPOL	International Criminal Police Organization
IPU	Inter-Parliamentary Union
ISS	Institute for Security Studies
MediPIET	Mediterranean Programme for Intervention Epidemiology Training
MENA	Middle East and North Africa
MoU	Memorandum of Understanding
MTCR	Missile Technology Control Regime
NEPAD	New Partnership for Africa's Development
NCP	National Contact Point
NGO	non-governmental organisation
NLI	Nuclear Law Institute
NMIMR	Noguchi Memorial Institute for Medical Research
NNSA	National Nuclear Security Administration
NPT	Treaty on the Non-Proliferation of Nuclear Weapons
NSG	Nuclear Suppliers Group
NSS	Nuclear Security Summit
OECD	Organization for Economic Cooperation and Development
OECD NEA	Organization for Economic Cooperation and Development Nuclear Energy Agency
OIE	World Organisation for Animal Health
OPCW	Organisation for the Prohibition of Chemical Weapons
OSCE	Organization for Security and Co-operation in Europe
PAHO WHO	Pan American Health Organization
PAP	Pan African Parliament
PSI	Proliferation Security Initiative
RANET	IAEA Response and Assistance Network
ROK	Republic of Korea
SALW	small arms and light weapons
SLD	Second Line of Defense
STCE	Strategic Trade Control Enforcement
TC	Technical Cooperation
UK	United Kingdom
UN	United Nations
UNCTITF	United Nations Counter-Terrorism Implementation Task Force
UNEP	United Nations Environment Programme
UNICRI	United Nations Interregional Crime and Justice Research Institute
UNIDIR	United Nations Institute for Disarmament Research

UNOCHA	United Nations Office for the Coordination of Humanitarian Affairs
UNODA	United Nations Office of Disarmament Affairs
UNODC	United Nations Office on Drugs and Crime
UNREC	United Nations Regional Centre for Peace and Disarmament in Africa
UNSCR	United Nations Security Council Resolution
US	United States
USAID	US Agency for International Development
USDA	US Department of Agriculture
VERIFIN	Verification of Chemical Weapons Convention
VERTIC	Verification Research, Training and Information Centre
WB	World Bank
WCO	World Customs Organization
WHO	World Health Organization
WMD	weapons of mass destruction
WMO	World Meteorological Organization



# States

Argentina						
<b>Type: State</b> 1540 Committee assistance provider						
<b>Description:</b> Argentina is willing to share its experiences in the preparation and formulation of the requisite report. <sup>2</sup>						
<b>Overview:</b> Argentina will aid in the design of domestic control regimes in accordance with the resolution provisions, through the holding of seminars and/or on a bilateral basis through the dispatch of experts. <sup>3</sup> 'Argentina is a provider of assistance within the framework of Resolution 1540 of the United Nations and develops training in the identification of strategic goods both at the regional and subregional level and in the area of South–South cooperation with African countries.' <sup>4</sup>						
<b>Point(s) of contact:</b> <i>Point(s) of contact submitted to the 1540 Committee:</i> <sup>5</sup> Mr Gustavo Ainchil, Minister, Director International Security, Nuclear and Space Matters, Ministry of Foreign Affairs and Worship Tel: + 54-11-4819-7828 Fax: +37460-620-062 Email: digan@mrecic.org.ar <i>CWC National Authority/contact person:</i> <sup>6</sup> Tel: +54 11 4819 7955 Fax: +54 11 4819 7956 (cc: 311 8410) Email: ancaq@mrecic.gob.ar, epbaj@mrecic.gob.ar <i>BWC National Focal Point:</i> <sup>7</sup> Yes						
Specific projects related to Africa/African states						
Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Global South	National Atomic Energy Commission (CNEA)	Institutional Capacities for International Cooperation	The CNEA can assist on request in areas of nuclear technology, research and development, nanotechnology, nuclear medicine, and management of radioactive waste and fuels.	Capacity building, seminars, expert training	Ongoing, apply for assistance at: <a href="http://www.cooperacionarg.gob.ar">www.cooperacionarg.gob.ar</a>	Argentina Cooperates, Ministry of Foreign Affairs and Worship, 2016, <a href="http://www.mrecic.gov.ar/userfiles/Catalogo-eng.pdf">www.mrecic.gov.ar/userfiles/Catalogo-eng.pdf</a>
Kenya	Kenya Maritime Police Unit (MPU)	Port Management	Training included 'sea crime prevention measures, international port regulations, technological equipment for the maritime police, radarisation, vessels monitoring systems, and operational and ship-rescue aspects'.	Training	November and December 2010 in Kenya	Argentina Cooperation, Projects, Africa, <a href="http://www.cooperacionarg.gob.ar/en/kenia/port-management">www.cooperacionarg.gob.ar/en/kenia/port-management</a>
Mozambique	Argentine-Brazilian Biotechnology Centre (CABBIO)	Training in Research and Development	'Transfer of knowledge to Mozambicans in courses of high technology for the generation and implementation of programs and projects of biotechnology'.	Training, courses	Began October 2012 in Argentina, willing to conduct additional training	Argentina Cooperation, Projects, Africa, <a href="http://www.cooperacionarg.gob.ar/en/mozambique/science-and-technology-training-research-and-development">www.cooperacionarg.gob.ar/en/mozambique/science-and-technology-training-research-and-development</a>

## Australia

**Type: State**

1540 Committee assistance provider

**Description:**

Australia is willing to help states in its immediate region that lack the legal and regulatory infrastructure, implementation experience and/or resources to implement the resolution.<sup>8</sup>

**Overview:**

Australia works to strengthen domestic and international non-proliferation measures, focusing mainly on the Asia-Pacific region. It also provides model legislation with regard to implementation, safeguard training and implementation of the IAEA additional protocol. Australia participates in, presents at, sponsors and hosts international meetings for discussion and cooperation on the implementation of the NPT (safeguards), CWC and BWC. It makes financial contributions to international counter-proliferation initiatives, including the Global Partnership against the Spread of WMD.<sup>9</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Jane Hardy, Assistant Secretary, Arms Control and Counter-Proliferation Branch, Department of Foreign Affairs and Trade

Email: jane.hardy@dfat.gov.au

Mr Axel Wabenhorst, Director, Counter-Proliferation Section, Arms Control Branch, Department of Foreign Affairs and Trade

Email: Axel.Wabenhorst@dfat.gov.au

Mr Darren Hansen, First Secretary, Permanent Mission of Australia to the United Nations

Tel: 212-351-6625

Email: Darren.hansen@dfat.gov.au

*CWC National Authority/contact person:*

Dr Josy Meyer, Director, CWC Implementation Section (CWS) ASNO

Tel: +61 2 6261 1914

Fax: +61 2 6261 1908

Email: chemical.asno@dfat.gov.au, josy.meyer@dfat.gov.au

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	Australian Safeguards and Non-Proliferation Office (ASNO), IAEA	Outreach	Through the ASNO, Australia aims to contribute 'to the development and effective implementation of international safeguards and the nuclear non-proliferation regime'. This includes working with international agencies such as the IAEA to assist with implementation capacity and knowledge sharing.	Capacity development and technical support	Ongoing, presented at IAEA Regional Workshop on Implementing Prudent Management Practices for Uranium Ore Concentrates in Zambia, June 2015	Australian Government, ASNO annual report 2014–15, <a href="http://dfat.gov.au/about-us/publications/international-relations/asno-annual-report-2014-15/html/index.html">http://dfat.gov.au/about-us/publications/international-relations/asno-annual-report-2014-15/html/index.html</a>
Worldwide	GICNT members	Global Initiative to Counter Nuclear Terrorism (GICNT)	Seminars and tabletop exercises to improve capabilities of participants for response, mitigation and investigation, in cases of terrorist attacks involving the use of nuclear and other radioactive materials and substances.	Seminar, radiological and nuclear response capacity building	Australia projects worldwide include 'I-Hermes' messaging exercise and 'Iron Koala' Nuclear Smuggling Workshop	Global Partnership Working Group Consolidated Report Data 2012 Annex

## Austria

**Type: State**

1540 Committee assistance provider

**Description:**

Austria provides assistance in response to specific requests, taking into account the legal and regulatory infrastructure, implementation experience and/or resources for fulfilling the resolution provisions.<sup>10</sup>

**Overview:**

As at 28 September 2016, 'there are no Austrian programmes in this area directed towards African countries'.<sup>11</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Ronald Sturm, Head of Unit for Nuclear Disarmament, Non-Proliferation and Security, Federal Ministry for European and International Affairs

Tel: + 43-(0)-501150-3435

E-mail: ronald.sturm@bmeia.gv.at

*CWC National Authority/contact person:*

Mr Karl Lebeda, Head of the National Authority CWC and BTWC

Tel: + 43 1 71 10 083 88; + 43 1 71 10 08 327; + 43 1 71 10 08 372

Fax: + 43 1 71 10 08 386

Email: POST.C29@bmwfw.gv.at, POST.CWK@bmwfw.gv.at, Karl.Lebeda@bmwfw.gv.at

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Belarus

**Type: State**

1540 Committee assistance provider

**Description:**

The Republic of Belarus is willing to offer advisory assistance in the establishment of rules and regulations governing export control.<sup>12</sup>

**Overview:**

'The Republic of Belarus is an important contributor to the international nuclear non-proliferation and disarmament efforts in the context of the NPT ... To enhance efforts and strengthen coordination in preventing terrorists from getting WMD at the national, sub-regional, regional and international level, [Belarus] actively promote[s] Resolution 1540 in the region.'<sup>13</sup> 'In 2012 the Ministry of Foreign Affairs in cooperation with the relevant state bodies and with the assistance of the OSCE Conflict Prevention Centre, the 1540 Committee and the UN Office for Disarmament Affairs, Belarus has elaborated a national framework document/"road map" for additional measures to implement the resolution 1540.'<sup>14</sup> Belarus also hosted a workshop on the implementation of UNSC Resolution 1540 in January 2013, organised by the CIS Executive Committee, UN Office for Disarmament Affairs and OSCE Conflict Prevention Centre and in cooperation with the Republic of Belarus.

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Permanent Mission of Belarus to the United Nations

Tel: 212-535-3420

Fax: 212-734-4810

Email: belarus@un.int

Department of International Security and Arms Control, Ministry of Foreign Affairs

Tel: +375-17-222-2822

Fax: +375-17-222-1964

Email: armscontrol@mfa.gov.by

*CWC National Authority/contact person:*

Ambassador Vladimir Gerasimovich, Head of International Security & Arms Control Department

Tel: +375 17 327 76 09; +375 17 327 76 67; + 375 17 327 76 26

Fax: + 375 17 327 45 21

Email: armscontrol@mfa.org.by

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Belgium

**Type: State**

1540 Committee assistance provider

**Description:**

In certain cases of illicit trafficking in radioactive materials where Belgium is directly or indirectly concerned, Belgium is willing to collaborate, contributing experts from the Federal Agency for Nuclear Control, with foreign institutions, assisting either in the detection of the offence or in the recovery of the materials, in certain cases of illicit trafficking in radioactive materials, especially where Belgium is directly or indirectly concerned.<sup>15</sup>

**Overview:**

Belgium provides extra-budgetary resources to the OPCW's Technical Secretariat for the training of inspectors, and to the OPCW itself and its member states in the area of obsolete and abandoned chemical weapons.<sup>16</sup> Because of both logistic and personnel restraints, Belgium prefers to channel aid through multilateral organisations.<sup>17</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Werner Bauwens, Director of Disarmament, Non-proliferation and Armament Control, Ministry of Foreign Affairs  
CWC National Authority/contact person:

Mr Sigurd Schelstraete, Deputy Director – Disarmament and Non-Proliferation

Tel: +32 2 501 31 74

Email: nato.wide@diplobel.fed.be, sigurd.schelstraete@diplobel.fed.be

BWC National Focal Point: Yes

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide, French- speaking African states participating in workshop	IAEA Nuclear Security Fund	Sub-Regional Workshop to Promote 2005 Amendment to the CPPNM	Belgium has contributed US\$2 million to the IAEA; one contribution was this workshop for French- speaking African states in 2013.	Workshop	Workshop was in November 2013, Brussels, Belgium	Communication from Disarmament and Non- Proliferation Department to ISS, 29 July 2016
Developing country experts	IAEA	IAEA Technical Cooperation Programme	Experts from developing countries may receive fellowships for training courses in nuclear-related fields in Belgium.	Training	Ongoing	Communication from Disarmament and Non- Proliferation Department to ISS, 29 July 2016
Developing country experts	Institute of Tropical Medicine in Antwerp	Scholarships	Funding for health professionals from developing countries, for training at advanced master level and for experts in specific fields of science through short courses.	Scholarships	Ongoing, details available online, <a href="http://www.itg.be/itg/GeneralSite/Default.aspx?WPID=192&amp;MIID=657&amp;L=E">www.itg.be/itg/ GeneralSite/ Default.aspx? WPID=192&amp; MIID=657&amp;L=E</a>	Communication from Disarmament and Non- Proliferation Department to ISS, 29 July 2016
Algeria, Morocco, Tunisia	Belgian Nuclear Research Centre (SCK-CEN), EU	Project 16: supporting the development of an integrated national nuclear system	The project helped with national response plans for potential radiological and nuclear incidents, and national strategies to combat illicit trafficking of radiological and nuclear materials.	Capacity development	2013 for two years through EU Centres of Excellence (CoE)	EU, Centres of Excellence, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/135/Project-16-Supporting-development-of-an-integrated-national-nuclear-security-system.aspx">http:// www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/135/ Project-16- Supporting- development-of-an- integrated-national- nuclear-security- system.aspx</a>

## Brazil

**Type: State**

1540 Committee assistance provider

**Description:**

Brazil is ready to provide assistance in response to specific requests from states in the Latin American and Caribbean region and other developing countries lacking the legal and/or regulatory infrastructure and implementation experience required to fulfil UNSCR 1540 resolution provisions.<sup>18</sup>

**Overview:**

'Brazil has never developed either chemical or biological weapons ... [it] operates a civil nuclear program with plans to expand its nuclear energy sector over the next decades ... [and] is an extremely active participant in the [CWC.]'<sup>19</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Division of Disarmament and Sensitive Technologies (DDS/MRE), Ministry of External Relations

Tel: 55-61-3411-6639

Email: dds@mre.gov.br

*CWC National Authority/contact person:*

Mr Sérgio Antônio Frazão Araujo, Coordinator-General of Sensitive Items Department

Tel: +55 61 3411 5037; + 55 61 3411 5614; +55 61 3411 5600

Fax: + 55 61 2033 7453; +55 61 3411 5595

Email: sfrazao@mcti.gov.br, carlos.silva@mcti.gov.br, cgbe@mcti.gov.br

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Angola and Mozambique	IAEA	Technical cooperation initiative	Brazil has increased cooperation in the nuclear field with Portuguese-speaking countries in Africa, focused on licensing, medical applications and management of technical cooperation projects.	Capacity building	Ongoing	Statement by HE Mr Antonio de Aguiar Patriota Ambassador, Permanent Representative of Brazil to the UN 2015 Review Conference of the Parties to the Treaty on the Non-Proliferation of Nuclear Weapons 2015

## Bulgaria

**Type: State**

1540 Committee assistance provider

**Description:**

Bulgaria will consider specific requests to provide assistance in implementing the provisions of this resolution within its territories as appropriate.<sup>20</sup>

**Overview:**

Has contributed financial support to the IAEA Nuclear Security Fund. In collaboration with the Organization for the Prohibition of Chemical Weapons, Bulgaria organised two seminars on assistance and protection against chemical weapons under art. X of the CWC.<sup>21</sup>

**Point(s) of contact:**

*CWC National Authority/contact person:*

Mr Christo Atanasov, Deputy Secretary of the National Authority

Tel: +359 2 940 7681 direct

Fax: + 359 2 948 3066; +359 2 988 0727 direct

Email: i.bahchevanova@mee.government.bg, h.atanasov@mee.government.bg

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Uganda	Training Center of the Ministry of Interior of the Republic of Bulgaria in the town of Montana	Uganda's assistance request	Offered training for up to 16 Ugandan experts in the detection of chemical agents and protection from chemical weapons.	Training	31 October – 4 November 2011	1540 Committee, Offers of assistance, <a href="http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml">http:// www.un.org/en/sc/1540/ assistance/offers-of- assistance/states.shtml</a>

## Canada

**Type: State**

1540 Committee assistance provider  
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

Canada can provide assistance to fight CBRN terrorism through the Counter-Terrorism Capacity Building Program, subject to request and availability of expert resources.<sup>22</sup> Canada also assists international efforts 'to combat and reduce the threat of [CBRN] proliferation and terrorism, through concrete programming in the areas of [CBRN] security, implementation of UN Security Council Resolution 1540, and chemical weapons destruction' through its Global Partnership Program (GPP).<sup>23</sup>

**Overview:**

Canada may provide assistance with: 'legislative drafting and legal policy assistance related to the ratification and implementation of nonproliferation and arms control-related conventions (e.g. the CWC and the BTWC); health security initiatives with bio-terrorism applications such as the establishment of disease surveillance systems; export controls training; training in bio-safety/security standards; detection and decontamination of chemical, biological and radiological terror agents; food safety, animal and plant health initiatives; nuclear non-proliferation safeguards; nuclear and radioactive material accountancy and control; and physical protection of nuclear plants and materials'.<sup>24</sup> The GPP was created in 2002 to contribute to international efforts to combat WMD proliferation. 'The GPP now pursues programming activities around the world to strengthen nuclear and radiological security, enhance biological and chemical security (including through chemical weapons destruction) and support the implementation of UNSCR 1540'.<sup>25</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Chantale Walker, First Secretary, Permanent Mission of Canada to the United Nations  
Tel: 212-848-1172

Email: chantale.walker@international.gc.ca

Mr David MacDuff, Deputy Director, Non-Proliferation and Disarmament Division,  
Department of Foreign Affairs and International Trade

Tel: 613-944-5389

Email: david.macduff@international.gc.ca

Mr Mi Nguyen, Senior Policy Officer, Non-proliferation and Disarmament Division,  
Department of Foreign Affairs and International Trade

Tel: 613-944-2480

Email: mi.nguyen@international.gc.ca

*CWC National Authority/contact person:*

Mr Richard Martin-Nielsen, National Coordinator for the Canadian National Authority for the CWC and Deputy Director,  
CBW

Email: opsofficer@international.gc.ca, cna-anc@international.gc.ca

*BWC National Focal Point: Yes*

*Other points of contact:*

Ms Kim Reid, Senior Program Officer – Biological and Chemical Security

UNSCR 1540, Programming, Global Partnership Program

Tel: 343-203-3948

Fax: 613-944-1130E

Email: kim.reid@international.gc.ca

Mr C Andrew Halliday, Biological Weapons Policy Analyst NP and Disarmament

Department of Foreign Affairs, Trade and Development

Tel: +1-613-944-5103

Email: christopherandrew.halliday@international.gc.ca

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	GPP	Nuclear and Radiological Security Programming	Through the GPP Canada has committed US\$44 million to enhance nuclear and radiological security worldwide.	Nuclear security assistance	Ongoing	Communication from Canada's GPP to ISS, 12 September 2016
Worldwide	GPP, WHO, WCO, OIE, Interpol, BWC-ISU, GHSA	Biological Security Programming	Aimed at strengthening security and bio-containment measures at facilities.	Biological security assistance	Ongoing	Communication from Canada's GPP to ISS, 12 September 2016
Worldwide, CWC member states	GPP, CWC	UNSCR 1540 and Chemical Weapons Destruction	Provides assistance with UNSCR 1540 implementation and CWC parties with weapons destruction.	Chemical weapons destruction assistance	Ongoing	Communication from Canada's GPP to ISS, 12 September 2016

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	Department of Foreign Affairs, Trade and Development	Virtual Confidence Building Measures (CBM) Assistance	Canada can provide virtual assistance in English and French for completion of CBM submissions, especially for initial declarations.	CBM submission assistance, confidence building	Ongoing	UNOG, BWC Assistance and Cooperation Database, <a href="http://www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf">www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf</a>
Nigeria		Counter-terrorism upgrades	Canada provided security upgrades and disease diagnostics at veterinary facility in Jos region; also helped create local and regional capacity for surveillance, detection and diagnosis of biological agents.	Biological security assistance	2012–2013	Global Partnership Working Group Consolidated Report Data 2012 Annex
Libya	US DOE Global Threat Reduction Initiative, IAEA	Securing Radiological Materials	Canada is funding the security of high-activity radiological sources in Libya.	Radiological security assistance	2011–2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
Kenya	US Department of State	Securing dangerous biological materials in Kenya	Contribution to the Kenya Medical Research Institute and the Kenya Central Veterinary Laboratory, through the US Biosecurity Engagement Program to secure biological pathogens currently stored in facilities in Kenya.	Biological security assistance	2011–2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
Ghana		Counter-terrorism security upgrades for Biological Lab Network	Canada is providing security upgrades to a network of three veterinary laboratories in Ghana.	Biological security assistance	2012–2013	Global Partnership Working Group Consolidated Report Data 2012 Annex

## China

### Type: State

1540 Committee assistance provider

### Description:

'China attaches importance to Resolution 1540, supports and actively participates in the work of the 1540 Committee ... China is also willing to provide needed countries with appropriate assistance on implementation of [UNSCR 1540] when necessary and where feasible.'<sup>26</sup>

### Overview:

'China currently participates to some degree in all of the multilateral regimes dedicated to the non-proliferation of chemical, biological, radiological, and nuclear (CBRN) weapons. It has also joined or enacted control lists consistent with export control regimes concerning proliferation-sensitive goods and technology.'<sup>27</sup> China actively participates in and supports the IAEA and provides human, material and financial support for its technical cooperation activities, and makes annual contributions to the technology cooperation fund.<sup>28</sup> 'China stands ready to provide help, through the platform of the IAEA, to countries that need to convert HEU to LEU in their research reactors.'<sup>29</sup>

### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Department of Arms Control and Disarmament

Ministry of Foreign Affairs

Tel: +86-10-65963929

Fax: +86-10-65963920

Email: yu\_peng1@mfa.gov.cn

*CWC National Authority/contact person:*

Mr Yu Peng Deputy Director – Department of Arms Control and Disarmament

Tel: + 86 10 682 05 589; +86 10 659 63 929

Fax: + 86 10 659 63 920

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Multiple, including Côte d'Ivoire, Kenya, Madagascar, Nigeria, Sudan, Uganda, Zambia, Zimbabwe	OPCW	Advanced Assistance and Protection Courses	The course covered assistance and protection against chemical weapons under Article X of the Chemical Weapons Convention. It provided advanced training in the use of protective equipment and in monitoring, detection and decontamination techniques used in response to attacks with chemical warfare agents, via both tabletop and field exercises.	Workshop	24–28 June 2013; 14–18 May 2012	OPCW, News, <a href="https://www.opcw.org/news/article/second-advanced-assistance-and-protection-course-held-in-china/">https://www.opcw.org/news/article/second-advanced-assistance-and-protection-course-held-in-china/</a>
Worldwide	IAEA	International Youth Nuclear Congress	9 <sup>th</sup> International held in China, over 400 youth from around the world attended, where they learned about the peaceful applications of nuclear technology, nuclear security, public and emergency communications.	Conference	24–30 July 2016, Hangzhou, China	IAEA, News, <a href="http://www.iaea.org/newscenter/news/young-professionals-in-nuclear-field-connect-with-the-iaea-at-international-congress-in-china">www.iaea.org/newscenter/news/young-professionals-in-nuclear-field-connect-with-the-iaea-at-international-congress-in-china</a>
Worldwide	IAEA	International Ministerial Conference on Nuclear Energy in the 21 <sup>st</sup> Century	Provided an opportunity to review the status and prospects of nuclear power, including progress in the evolution of technology, and to discuss the necessary actions to carry forward the positive momentum that nuclear power has witnessed in recent years.	Conference	20–22 April 2009, Beijing, China	IAEA, Events, <a href="http://www.pub.iaea.org/iaea-meetings/35252/International-Ministerial-Conference-on-Nuclear-Energy-in-the-21st-Century">www.pub.iaea.org/iaea-meetings/35252/International-Ministerial-Conference-on-Nuclear-Energy-in-the-21st-Century</a>



## Czech Republic

**Type: State**

1540 Committee assistance provider

**Description:**

The Czech Republic is willing to provide assistance as appropriate in response to specific requests from states lacking the legal and regulatory infrastructure and implementation experience for fulfilling the UNSCR 1540 provisions.<sup>30</sup>

**Overview:**

The Czech Republic joined the Global Partnership against the Spread of Weapons and Materials of Mass Destruction and takes part in the projects in accordance with its national interests and financial capacity. It is also a donor to the IAEA Nuclear Security Fund and has taken part in various OPCW bodies and expert groups, organized training courses on protection against chemical weapons and regional meetings of authorities responsible for the implementation of the CWC. The Czech Republic has also joined the group of donor countries actively contributing to the destruction of chemical weapons. Since the creation of the OPCW, the Czech Republic has been helping to increase the capacities of the OPCW Technical Secretariat and member states in the field of assistance and protection against chemical weapons and in developing regional cooperation between national authorities responsible for the implementation of the CWC.<sup>31</sup>

**Point(s) of contact:**

*CWC National Authority/contact person:*

Mr Michal Merxbauer, Director – Department of Non-Proliferation

Tel: + 420 22 561 47 68 (direct); +420 22 162 4371

Fax: + 420 22 162 44 00; +420 22 651 4420

Email: chemie@sujb.cz, hague@embassy.mzv.cz, martin\_broz@mzv.cz, marketa.blahova@subj.cz, okzchz@sujb.cz

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
OPCW member states	OPCW	Train the Trainers Course on Assistance and Protection Against Chemical Weapons	The Czech Republic has hosted this course before. The course trains instructors on preparation, conduct and evaluation of response operations in contaminated areas.	Course	Ongoing, course in May 2015 included experts from Republic of Congo, Sudan, Uganda	OPCW, News, www.opcw.org/news/article/train-the-trainers-course-on-assistance-and-protection-against-chemical-weapons-held-in-lazne-bohdanec-czech-republic/
OPCW member states	OPCW	Advanced Practical Training Course on Assistance and Protection	Course covered planning, preparation, conduct and evaluation of response operations in contaminated areas; appropriate responses and countermeasures in the event of incidents involving chemical weapons or toxic industrial chemicals; and an advanced component on complex emergency responses to a crisis.	Course	Ongoing, course in May 2014 included Algeria and Tanzania	OPCW, News, www.opcw.org/news/article/advanced-practical-training-course-on-assistance-and-protection-against-chemical-weapons-held-in-cze/

## Denmark

**Type: State**

1540 Committee assistance provider

**Description:**

Denmark will consider providing assistance either bilaterally or through instruments of the European Union. Bilaterally, Denmark has provided assistance to activities related to chemical weapons destruction, nuclear materials safety and dual-use exports controls.<sup>32</sup>

**Overview:**

Denmark contributes through the EU to various assistance programmes; supports the aims and activities of the IAEA and OPCW; provides financial support to the IAEA Technical Cooperation Fund; and joined the Global Partnership Against the Spread of Weapons and Materials of Mass Destruction in 2004.<sup>33</sup> In 2016 Denmark became the 30<sup>th</sup> member state to register a capability to the IAEA's Response and Assistance Network. 'The Embassy's sole support to capacity-building programmes for African states on chemical, biological, radiological and nuclear issues is via the support to [the Institute for Security Studies] under the framework of the ISS support to the AU, ECOWAS and IGAD.'<sup>34</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Peter Lehmann Nielsen, Head of Section, Security Policy Department, Ministry of Foreign Affairs

Tel: +45-33-92-0627

Email: peleni@um.dk

*CWC National Authority/contact person:*

Mr Steen Christensen Chief Counsellor

Tel: + 45 352 915 00

Fax: + 45 354 666 32

Email: stechr@erst.dk

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	Centre for Biosecurity and Biopreparedness (CBB)	International Biosecurity Course	Worldwide courses on how to establish and implement a national biosecurity system. Usually in Copenhagen but can be customised by request.	Course	Ongoing; more information available: <a href="http://www.biosikring.dk/647/">www.biosikring.dk/647/</a>	UNOG, BWC assistance and cooperation database, <a href="http://www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf">www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf</a>
Kenya and East Africa	CBB	Danish Partnership Programme	Objectives: 1) create and implement a whole-of-government biosecurity system in selected partner countries in East Africa, including legislation, policy and agency building; and 2) increase capacity for sustainable rapid detection methods for microbial diagnostics.	Bio-security and capacity building	Launched in 2014, funded by the Danish Peace and Stabilisation Fund, for 2.5 years	Centre for Biosecurity and Biopreparedness, <a href="http://www.biosikring.dk/565/">www.biosikring.dk/565/</a>
Middle East and North Africa	IAEA	Nuclear Security Fund contribution	Denmark has contributed funding to the IAEA Nuclear Security Fund for 2012–2017 of DKK8 million, primarily intended for the fund's activities in the Middle East and North Africa.	Nuclear security assistance	2012–2017 DKK8 million	Global Partnership Working Group Consolidated Report Data 2012 Annex

## Estonia

**Type: State**

1540 Committee assistance provider

**Description:**

'Estonia will do its best to assist States, which may require assistance.'<sup>35</sup>

**Overview:**

Estonia is a party to the NPT, CTBTO and CWC, was a founding member of the OPCW and has an additional protocol in force with the IAEA. It is a member of the Australia Group and acceded to the BTWC in 1993. 'Estonia acknowledges that promoting nuclear non-proliferation and ensuring the non-diversion of nuclear technologies, while advancing the use of nuclear science is indeed a challenging task.'<sup>36</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ministry of Foreign Affairs

Email: armscontrol@mfa.ee

*CWC National Authority/contact person:*

Ms Enda Veskimäe, Head of Chemical Safety Department

Tel: +372 626 9388

Fax: +372 626 9395

Email: enda.veskimae@terviseamet.ee

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Finland

**Type: State**

1540 Committee assistance provider

**Description:**

Finland is willing to provide assistance, as appropriate, in response to specific requests, to states lacking the legal and regulatory infrastructure, implementation experience and/or resources for fulfilling UNSCR 1540 provisions.<sup>37</sup>

**Overview:**

Finland has had a bilateral cooperation programme with Russia to enhance procedures to prevent illicit trafficking and the illegal use of nuclear material. The Finnish Institute for Verification of the Chemical Weapons Convention (VERIFIN) offers basic and advanced training in analytical chemistry for the implementation of the CWC in developing countries. VERIFIN also organises seminars and workshops and provides opportunities for foreign interns in the OPCW internship support programme. Finland also actively participates in the IAEA's Coordinated Technical Support Programme (CTSP) to the NIS.<sup>38</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ministry for Foreign Affairs of Finland, Unit for Arms Control, Disarmament and Non-Proliferation, for policy issue assistance

Tel: +358-9-16005

Email: pol-05@formin.fi

Ministry for Foreign Affairs of Finland, Export Control Unit, for licensing assistance

Tel: +358-9-16005

Email: kpo-08@formin.fi

*CWC National Authority/contact person:*

Dr Paula Vanninen, Director

Tel: +358 2941 50 444

Fax: +358 29 41 50 437

Email: verifin-notification@helsinki.fi

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	University of Helsinki	VERIFIN	Activities include research and post-graduate teaching; development of analytical methods for chemical warfare agents, their starting materials and degradation products; assistance to OPCW and UN, training for chemists from developing countries based on research and experience for the CWC.	Training, research	Participants in August 2016 training course included experts from eight African countries. <a href="http://www.helsinki.fi/verifin/VERIFIN/english/news/news15.htm">www.helsinki.fi/verifin/VERIFIN/english/news/news15.htm</a>	VERIFIN, <a href="http://www.helsinki.fi/verifin/VERIFIN/english/index.html">www.helsinki.fi/verifin/VERIFIN/english/index.html</a>

## France

**Type: State**

1540 Committee assistance provider

**Description:**

By request, France may cooperate in bilateral activities relating to the various UNSCR 1540 provisions, such as export controls and the physical protection of sensitive materials or equipment. It participates in bilateral dialogues and campaigns to raise awareness on combating proliferation.<sup>39</sup>

**Overview:**

France supports the Global Partnership against the Spread of Weapons and Materials of Mass Destruction. It has undertaken to fund a number of bilateral programmes in the nuclear, chemical and biological fields. 'France is also actively engaged in the efforts of the International Atomic Energy Agency and partner States to promote safeguards agreements to be concluded under the Treaty on the Non-Proliferation of Nuclear Weapons and its additional protocols. It has made financial contributions, and taken part in several promotion seminars. In the context of its safeguards support programme, France contributes both financially and in kind (expert services, transfers of technology or know-how) in order to strengthen the capacities and activities of the Department of Safeguards. French support focuses mainly on developing and strengthening the safeguards system, information and training, and activities targeting the needs of the inspection divisions.<sup>40</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Alexia Jarrot, Permanent Mission of France to the United Nations

Email: alexia.jarrot@diplomatie.gouv.fr

*CWC National Authority/contact person:*

Mrs Claire Delessard

Email: claire.delessard@diplomatie.gouv.fr

*BWC National Focal Point: Yes*

*Other points of contact:*

Mr Clément Arminjon, Directorate for Strategic Affairs, Security and Disarmament Ministry of Foreign Affairs

Email: clement.arminjon@diplomatie.gouv.fr

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	Ministry of Defence/ Ministry of Foreign Affairs	Cooperation in the field of biosafety and biosecurity	France can provide assistance with: securing materials that present biological proliferation threats; developing appropriate response measures; promoting expert control and vigilance; and promoting a culture of biosafety and biosecurity.	Biosafety and biosecurity, capacity building	Ongoing	UNOG, BWC assistance and cooperation database, www.unog. ch/80256EDD006 B8954/(httpAssets)/ 394EF614BC9C86 16C1257FF5004D B6E5/\$file/Table_ assistance+ offers_100716.pdf
Middle East, North Africa and South- East Europe	Institut Pasteur (IP)	Epi-South Project	Regional network of laboratories in Middle East, North Africa and South-East Europe, created to collaborate on epidemiological issues to enhance surveillance, communication, training and information exchange.	Public health, capacity building	Ongoing in Mediterranean region	UNOG, BWC assistance and cooperation database, www.unog. ch/80256EDD006B 8954/(httpAssets)/ 394EF614BC9C86 16C1257FF500 4DB6E5/\$file/Table_ assistance +offers_100716.pdf
Algeria, Burkina Faso, Mali, Mauritania, Niger, Tunisia	Expertise France, EU	Project 55: strengthening cross-border capacity for control and detection of CBRN substances	To standardise legislative texts relating to CBRN security according to international standard, to enforce cross-border cooperation, and to identify local expertise for the identification of previously detected substances.	Border security, cooperation	1 January 2016, 36 months, CoE	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/140/Project- 55-Strenghtening- cross-border- capacity-for-control- and-detection-of- CBRN-substances- .aspx

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Benin, Côte d'Ivoire, Gabon, Liberia, Mauritania, Morocco, Senegal, Togo	Expertise France, EU	Project 48: improved regional management of outbreaks in the CBRN CoE partner countries of the African Atlantic Facade	To improve the regional level of preparedness and response to outbreaks crisis (biological risk mitigation) in the CBRN CoE partner countries belonging to the African Atlantic Façade Region and neighbouring countries.	Public health, capacity building	1 January 2016 36 months, CoE, more information: cbrncoe48.org	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/114/Project-48-Improved-regional-management-of-outbreaks-in-the-CBRN-Centres-of-Excellence-Partner-Countries-of-the-African-Atlantic-Facade.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/114/Project-48-Improved-regional-management-of-outbreaks-in-the-CBRN-Centres-of-Excellence-Partner-Countries-of-the-African-Atlantic-Facade.aspx</a>
Côte d'Ivoire, Guinea, Liberia, Senegal, Sierra Leone	Expertise France, EU	Project 45: establishment of a mobile laboratory for in situ interventions on VHF outbreak sites in combination with CBRN capacity building in West Africa (EUWAM-Lab)	To strengthen the capacity of the countries affected by the 2014 Ebola outbreak to detect and identify infectious diseases. To strengthen cooperation and reinforce the capacity of West African partner countries to fight biological threats.	Public health, capacity building	18 September 2014, 24 months, CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/80/Project-45-Establishment-of-a-mobile-laboratory-for-in-situ-interventions-on-VHF-outbreak-sites-in-combination-with-CBRN-capacity-building-in-West-Africa-EUWAM-Lab.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/80/Project-45-Establishment-of-a-mobile-laboratory-for-in-situ-interventions-on-VHF-outbreak-sites-in-combination-with-CBRN-capacity-building-in-West-Africa-EUWAM-Lab.aspx</a>
19 countries, including Morocco, South Africa, Tunisia	Expertise France, EU	Project 43: EU Outreach Programme 2015–17 on export control of dual-use goods	To contribute to effective export control systems for dual-use items. To reduce the risk of proliferation by strengthening cooperation in the field of export controls, focusing on dual-use materials, equipment and technology.	Import/export control, dual-use	1 September 2015, 18 months, CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/79/Project-43-EU-Outreach-Programme-2015-17-on-export-control-of-dual-use-goods.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/79/Project-43-EU-Outreach-Programme-2015-17-on-export-control-of-dual-use-goods.aspx</a>
Benin, Cameroon, Côte d'Ivoire, Gabon, Liberia, Mauritania, Morocco, Nigeria, Senegal, Togo	Expertise France, EU	Project 41: high-risk chemical facilities and chemical risk mitigation in West Africa	To enhance hazard management to prevent the occurrence of high-risk chemical accidents inside and around chemical installations. To support a rapid and appropriate response in case of a chemical accident to limit the impact on public health and the environment.	Public health, crisis management, capacity building	1 January 2015, 36 months, more information: cbrncoe41.eu	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/77/Project-41-High-risk-chemical-facilities-and-chemical-risk-mitigation-in-West-Africa.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/77/Project-41-High-risk-chemical-facilities-and-chemical-risk-mitigation-in-West-Africa.aspx</a>
18 countries, including Algeria, Egypt, Morocco, Tunisia	IP, EU	Project 37: MEDILAB-SECURE: establishment of networks of human and animal virology laboratories and of medical entomology	To create a framework for collaboration on reference laboratories' issues to improve communicable diseases surveillance and communication and provide training for public health experts in the participating countries. It will build up on the results of EpiSouth-Plus project.	Public health, collaboration framework	6 January 2014, 48 months, more information: <a href="http://www.medilabsecure.com">www.medilabsecure.com</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/127/Project-37-IFS-MEDILABSECURE---Establishment-of-networks-of-human-and-animal-virology-laboratories-and-of-medical-entomology.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/127/Project-37-IFS-MEDILABSECURE---Establishment-of-networks-of-human-and-animal-virology-laboratories-and-of-medical-entomology.aspx</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Burundi, DRC, Gabon, Kenya, Mauritania, Morocco, Rwanda, Senegal, Uganda	Expertise France, EU	Project 33: strengthening the national CBRN legal framework and provision of specialised and technical training to enhance CBRN preparedness and response capabilities	To identify needs and gaps of the legal systems and encourage compliance with the international obligations for CBRN risk mitigation. To provide capacity building, testing and training for the different agencies and services involved in CBRN preparedness and response.	Capacity building, training, testing	15 September 2013, 36 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/69/Project-33-Strengthening-the-national-CBRN-legal-framework-and-provision-of-specialised-and-technical-training-to-enhance-CBRN-preparedness-and-response-capabilities.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/69/Project- 33-Strengthening- the-national-CBRN- legal-framework- and-provision-of- specialised-and- technical-training- to-enhance-CBRN- preparedness-and-r- esponse-capabilities. aspx</a>
Two countries, including Tunisia	Expertise France, EU	Project 26: prerequisite to strengthening CBRN national legal frameworks	The project is aimed at strengthening and enhancing CBRN national legal framework in both countries through the provision of legal support.	Legal assistance	17 December 2012, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/130/Project-26-Prerequisite-to-strengthening-CBRN-national-legal-frameworks.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/130/Project- 26-Prerequisite- to-strengthening- CBRN-national-legal- frameworks.aspx</a>
Mauritania, Morocco, Senegal	Expertise France, EU	Project 24: development of a methodology for RN materials detection, management and protection of the public	To strengthen the security in developing a methodology for radiological and nuclear detection. Develop and manage a system for the detection of RN materials from sensors located in strategic locations.	Safety and Security for radiological and nuclear detection	18 December 2012, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/132/Project-24-Development-of-a-methodology-for-RN-materials-detection-management-and-protection-of-the-public.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/132/ Project-24- Development-of-a- methodology-for-RN- materials-detection- management-and- protection-of-the- public.aspx</a>
Six countries, including Gabon, Morocco, Senegal	Expertise France, EU	Project 22: provision of specialised technical training to enhance first responders' capabilities in case of CBRN incidents	To enhance first responders' capabilities in managing CBRN incidents. To reinforce inter-agency coordination. To define standard operating procedures to respond to CBRN incidents.	Inter-agency coordination, capacity building	17 December 2012, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/61/Project-22-Provision-of-specialised-technical-training-to-enhance-first-responders'-capabilities-in-case-of-CBRN-incidents.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/61/Project- 22-Provision-of- specialised-technical- training-to-enhance- first-responders'- capabilities-in-case- of-CBRN-incidents. aspx</a>

## Germany

**Type: State**

1540 Committee assistance provider  
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

Germany is willing to assist partner countries where necessary and by request in fulfilling their international obligations in the field of dismantlement, export control and non-proliferation of WMD.<sup>41</sup> Germany can also assist through the German Partnership Program for Excellence in Biological and Health Security.

**Overview:**

Germany supports bilaterally through its implementing agencies, including the Federal Office of Economics and Export Control (BAFA) and the Customs Authority, the establishment and further development of national export control system in several European and non-European states. It has extended assistance in the field of national implementation of CWC obligations to several countries. Germany has also offered to assist several countries in implementing the prohibition and export control obligations pursuant to BTWC. Germany launched its Program for Excellence in Biological and Health Security in 2013 to implement long-term biosecurity projects. The program aims to prevent the misuse of infectious agents and increase the national public health capacities of partner countries. It fosters responsible conduct in the fields of science and health. Its overall budget for the first phase is EUR27 million. It can offer assistance to partners in the following fields: surveillance, detection and diagnostics, biosafety and biosecurity, capacity building, networking, and awareness raising.<sup>42</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Christoph Anton, Counsellor, Permanent Mission of Germany to the United Nations

Tel: 212-940-0429

Fax: 212-940-0403

Email: pol-2-1-vn@newy.auswaertiges-amt.de

Ms Isabella Neisinger, Federal Foreign Office

Tel: +49-30-18-17-4163

Fax: +49-30-18-17-54163

Email: or09-1@auswaertiges-amt.de

*CWC National Authority/contact person:*

Mrs Susanne Welter, Head of BW/CW Division

Email: or12-rl@auswaertiges-amt.de

*BWC National Focal Point: Yes*

*Other points of contact:*

Till Combis Project Manager – Outreach Policy, Federal Office of Economics and Export Control (BAFA)

Tel: +49 6196 908-2995

Email: till.combis@bafa.bund.de

Anne-Sophie Legge, First Secretary, Political Affairs Department, Embassy of the Federal Republic of Germany

Tel: +251-11-1 23 51 39, ext. 143

Email: pol-4@addi.auswaertiges-amt.de

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide to partner countries	GIZ, Robert Koch Institute	Partnership Projects	Partnership project with activities in the areas of surveillance, biosafety and biosecurity, detection and diagnostics, awareness raising, networking and capacity building.	General Assistance	Ongoing, 2013– 2016 assisted Morocco, Sudan and Tunisia)	Communication from Federal Foreign Office to ISS, 23 September 2016
Côte d'Ivoire, Guinea, Mali, Nigeria, West Africa	Bernard Nocht Institute for Tropical Medicine, WHO, Bundeswehr Institute of Microbiology, Fondation Mérieux	Disease surveillance and diagnostics	Multiple projects, including deployment of mobile labs for Ebola and other dangerous pathogens; training for scientists in Africa and Asia.	Mobile diagnostics and training	Multiple projects from 2013– 2016, assisted Guinea, Nigeria, West African countries	Communication from Federal Foreign Office to ISS, 23 September 2016



Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Egypt, Mauritania, Sierra Leone, Cameroon, DRC	Friedrich Loeffler Institute	Prevalence and Diagnostics	Two projects: first in Egypt on Brucella, Q fever and viral haemorrhagic fever; second in Mauritania, Sierra Leone, Cameroon and the DRC on Crimean- Congo haemorrhagic fever, valley fever and zoonotic paramyxovirus infections.	Prevalence and diagnostics	2013–2016 for both projects	Communication from Federal Foreign Office to ISS, 23 September 2016
Tanzania	Bundeswehr Institute of Microbiology	Germany– Tanzanian network	Establishment of network for biosecurity and diagnosis of dangerous infectious diseases.	Network	2013–2016	Communication from Federal Foreign Office to ISS, 23 September 2016
Worldwide	Bundeswehr Institute of Microbiology, German Society for Military and Pharmacy	Medical Biodefence Conference	International scientific conference focused on medical aspects of biodefence; workshops on pathogens; presentation of new technologies and developments in the field of pathogens and disease prevention.	Conference	Biannual in Munich; more information: <a href="http://www.biodefense2016.org">http://www.biodefense2016.org</a>	UNOG, BWC assistance and cooperation database, <a href="http://www.unog.ch/80256ED006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf">www.unog.ch/80256ED006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf</a>
Burundi, DRC, Ghana, Kenya, Rwanda, Seychelles, Tanzania, Zambia	Gesellschaft für Anlagen und Reaktor- sicherheit, EU	Project 42: chemical safety and security in Central and Eastern Africa	To enhance national chemical legal frameworks to prevent the occurrence of accidents inside and around chemical installations; to strengthen preparedness and response.	Chemical risk management	2015–2018, through the CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/78/Project-42-Chemical-safety-and-security-in-Central-and-Eastern-Africa.aspx">http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/78/Project-42-Chemical-safety-and-security-in-Central-and-Eastern-Africa.aspx</a>
15 countries, including Algeria, Equatorial Guinea, Guinea, Gabon, Mauritania, Morocco, Senegal, Tunisia	German Office of Economics and Export Control (BAFA), EU	Project 5: knowledge development and transfer of best practice on CBRN import/ export monitoring	'To reinforce partner countries' capacities in the field of import/ export control through the development of dedicated procedures and guidelines to deter illegal trans-boundary shipments of CBRN hazardous materials, at both national and regional level.'	Knowledge transfer, capacity building	2013–2015, through the EU CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/51/Project-5-Knowledge-development-and-transfer-of-best-practice-on-CBRN-importexport-monitoring.aspx">http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/51/Project-5-Knowledge-development-and-transfer-of-best-practice-on-CBRN-importexport-monitoring.aspx</a>
Libya		Support of Libyan efforts for CW destruction	Immediate delivery of initial decontamination and detection equipment; support of first OPCW inspection visits on site (three flights operated by German military aircraft).	Chemical security assistance	2011–2012	Global Partnership Working Group Consolidated Report Data 2012 Annex

## Greece

**Type: State**

1540 Committee assistance provider

**Description:**

Greece may provide assistance to states, by request, in the field of issuance of export licences of dual-use goods, relevant technologies and arms and ammunition.<sup>43</sup>

**Overview:**

'Greece adheres to all relevant IAEA Agreements and fully supports all the Agency's relevant projects ... Greece believes that the application of comprehensive IAEA Safeguards to all nuclear material and activities in the Middle East and other regions will create confidence among all states, promoting peace, security and prosperity for all.'<sup>44</sup>  
The Greek Atomic Energy Commission (EEAE) represents Greece in related international fields.

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Ioannes Andreades, First Councillor, Permanent Mission of Greece to the United Nations

Tel: 212-888-6900 / 212-479-1312

Fax: 212-888-4440

Mr Petros Mavroidis, First Counsellor of Embassy, Head of the Disarmament Section, Ministry of Foreign Affairs

Tel: +30-210-3682250/3682241

Fax: +30-210-3682239

Email: iandeades@greeceun.org

*CWC National Authority/contact person:*

Dr & Mrs Aglaia Koutsodimou, Member of the National Authority for Chemical Weapons

Tel: +30 210 647 9409

Fax: +30 210 646 6917

Email: environment@gcls.gr

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	EEAE, IAEA	International Training Course on Developing a Defence in Depth Approach for the Detection of Transboundary Movement of Nuclear and Radioactive Material out of Regulatory Control	The purpose of the course is to train the developers and implementers of national detection strategies in the methods and approaches for incorporating detection by information alerts and instrument alarms in a robust strategy.	Course	7–10 July 2015, Athens, attended by 49 experts from 46 countries	EEAE, 2015 Annual activity report, 43, eeae.gr/attachments/article/5774/annual_report_2015_EN.pdf
Worldwide	US Department of Energy, IAEA	Workshop on Second Line Defence	Strengthen the capabilities of partner countries to deter, detect and interdict illicit trafficking of special nuclear and other radioactive materials at international border crossings, including airports, seaports and other points of entry/exit.	Workshop	Held in Athens in 2014, with significant participation from African countries	Statement by Ambassador Chryssoula Aliferi, Resident Representative of Greece to the IAEA, 58 <sup>th</sup> General Conference of the IAEA, 22–26 September 2014, www.iaea.org/sites/default/files/greece.pdf

## Hungary

**Type: State**

1540 Committee assistance provider

**Description:**

Hungary is willing to provide assistance as appropriate to the states lacking the legal and regulatory infrastructure, and implementation experience needed to fulfil UNSCR 1540 provisions.<sup>45</sup>

**Overview:**

‘The Republic of Hungary has participated in outreach programmes of the international export control regimes. Hungarian experts have carried out outreach visits to several states. These visits have allowed [Hungary] to address issues connected with [the] effective implementation of export controls, and provide advice on tackling the problems of transition in particular, and assistance where required. Hungary is ready to share its experiences of developing and maintaining effective controls over nuclear, biological, chemical as well as dual use goods and technologies.’<sup>46</sup> The Hungarian Atomic Energy Authority (HAEA) ‘coordinates the international cooperation in relation to the safety and security of the use of atomic energy, gives opinion on international agreements to be concluded in this field and follows their realization within its scope of competence’.<sup>47</sup> Hungary does not currently have any existing bilateral relations with African states, but is open to providing assistance per request.

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Balázs Szilvia, Security Officer, Department for Security Policy and Non-Proliferation, Ministry of Foreign Affairs and Trade

Tel: +36-1-458-1588/1105

Fax: +36-1-457-5039

Email: szbalazs@mfa.gov.hu

*CWC National Authority/contact person:*

Mr László Stefán, Director, Hungarian Trade Licensing Office – Authority of Defence Industry and Export Control

Tel: +36 1 4585 583 direct

Fax: +36 30 913 3845; + 36 1 4585 869

Email: eei@mkeh.gov.hu, stefan@mkeh.gov.hu

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## India

**Type: State**

1540 Committee assistance provider  
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

India has conducted a training course under the IAEA's aegis on the physical protection of nuclear installations. It is willing to offer its expertise to regularly conduct similar training courses in the future, and act as a regional training centre.<sup>48</sup>

**Overview:**

India possesses expertise in legislation for the implementation of CWC, BTWC and export/trade controls; trade control licensing covering WMD dual-use items, nuclear and radiological items as well as conventional arms; a radiological safety inspections agency; a nuclear safety and security culture; and training for customs officers. India will work with AU members, travel to them at no cost, and assist in previously mentioned aspects.<sup>49</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Abhishek Singh, First Secretary, Permanent Mission of India to the United Nations

Tel: 646-292-7180

Fax: 212-490-9566

Email: abhisheksingh.un@gmail.com

*CWC National Authority/contact person:*

Mr Ravinder Kumar, PPS to Chairman

Tel: + 91 11 2467 5526; + 91 11 2467 5762

Fax: + 91 11 2410 7468

Email: ravinder.kumar@nic.in

*BWC National Focal Point: Yes*

*Other points of contact:*

Mr R Venkatesan, Charge d'Affairs, Embassy of India, Addis Ababa

Tel: 00-251-11-1221182

Fax: 00-251-11-1235547/48

Email: pol.addisababa@mea.gov.in

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
21 countries, including Morocco, Rwanda, South Africa	UNODA	Building New Synergies in Nuclear Security	Objective was to build an international norm of nuclear security that is universally shared and effectively implemented at the national, regional and international level.	Nuclear security	30 November – 1 December 2012	Ministry of External Affairs, India, Bilateral/multilateral documents, <a href="http://www.mea.gov.in/bilateral-documents.htm?dtl/20875/Opening+Statement+by+Foreign+Secretary+at+the+1540+Workshop+on+Building+New+Synergies+on+Nuclear+Security">http://www.mea.gov.in/bilateral-documents.htm?dtl/20875/Opening+Statement+by+Foreign+Secretary+at+the+1540+Workshop+on+Building+New+Synergies+on+Nuclear+Security</a>

## Ireland

**Type: State**

1540 Committee assistance provider

**Description:**

Ireland is willing to provide assistance where appropriate in response to specific requests from states lacking the legal and regulatory infrastructure, implementation experience and/or resources for fulfilling UNSCR 1540 provisions.<sup>50</sup>

**Overview:**

The Radiological Protection Institute of Ireland (RPII) has provided assistance to a number of states for the purpose of upgrading their radiation protection infrastructures and to assist in the development and upgrading of the IAEA Regulatory Authority Information Software. Assistance also includes expert missions, providing lecturers for training courses and facilitating visits to the RPII by staff from states.<sup>51</sup> 'Ireland was active in forming the New Agenda Coalition, a cross-regional group of States committed to promoting progress on nuclear disarmament ... The six members of this coalition – Brazil, Egypt, Ireland, Mexico, New Zealand and South Africa – remain committed to this key objective.'<sup>52</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Damien Cole, First Secretary, Permanent Mission of Ireland to the United Nations

Tel: 212-204-7146

Email: damien.cole@dfa.ie

*CWC National Authority/contact person:*

Mr Dermot O'Callaghan, Inspector

Tel: +353 1 799 7886 (direct); +353 1 614 7000

Fax: +353 1 614 7 1215

Email: dermot\_ocallaghan@hsa.ie

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Israel

**Type: State**

1540 Committee assistance provider

**Description:**

Israel stands ready to consider specific requests as appropriate from states lacking the legal and regulatory infrastructure and implementation experience for UNSCR 1540 provisions.<sup>53</sup>

**Overview:**

Israel provides direct assistance to relevant states. The fields in which Israel assists are securing borders, aviation security, forensic investigation, internal security, incidents involving multiple injuries, post-traumatic stress and law and order.<sup>54</sup> Israel maintains a 'steadfast and robust policy aimed at preventing the proliferation of WMD. This is an issue of the highest priority. As detailed in two (2) reports submitted by Israel in 2004 and 2012, Israel has taken legal and practical measures aimed at curbing proliferation and reducing such threats. At the national level, Israel has implemented its above-mentioned policy through legislation and practices, strictly enforced by its relevant authorities.'<sup>55</sup>

**Point(s) of contact:**

*BWC National Focal Point: No*

*Other contact person:*

Israel Atomic Energy Commission

Fax: +972-3-6462974

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Italy

**Type: State**

1540 Committee assistance provider

**Description:**

Italy will consider providing assistance where appropriate to states lacking the legal experience or technical and financial resources to fulfil UNSCR 1540 provisions.<sup>56</sup>

**Overview:**

'Italy supports co-operative threat reduction programs with other countries, such as the G-8 Global Partnership initiative, aimed at promoting WMDs destruction as well as control and security of sensitive materials, related facilities and expertise. These programs are additional tools to deal with disarmament and non-proliferation issues as well as to strengthen the fight against terrorist[s] seeking to acquire WMDs.'<sup>57</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Laura Aghilarre, Ministry of Foreign Affairs

Tel: +39-06-3691-4176

Fax: +39-06-3235-927

Email: [laura.aghilarre@esteri.it](mailto:laura.aghilarre@esteri.it)

*CWC National Authority/contact person:*

Mr Enrico Valvo, Director of the Italian National Authority

Email: [enrico.valvo@esteri.it](mailto:enrico.valvo@esteri.it)

*BWC National Focal Point: Yes*

### Specific projects

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
36 countries, including Algeria, Burkina Faso, Egypt, Libya, Mali, Mauritania, Morocco, Tunisia	EU, ENEA (Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile) Italy	Project 31: network of universities and institutes for raising awareness on dual-use concerns of chemical materials	To develop a network of institutions to enforce a culture of chemical safety and security; to raise awareness on dual-use concerns; to foster the exchange of information.	Network, best practices	Began in 2012, two-year project, EU CoE, more information: <a href="http://www.ifs-cbrn-coe.enea.it/CBRN/Home_p31.htm">www.ifs-cbrn-coe.enea.it/ CBRN/Home_ p31.htm</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/67/Project-31-Network-of-universities-and-institutes-for-raising-awareness-on-dual-use-concerns-of-chemical-materials.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/67/ Project-31- Network-of- universities-and- institutes-for- raising-awareness- on-dual-use- concerns-of- chemical-materials. aspx</a>
22 states, including Algeria, Burkina Faso, Egypt, Mali, Mauritania, Morocco, Tunisia	EU, ENEA Italy	Project 18: network of universities and institutes for raising awareness on dual-use concerns in bio-technology	To raise awareness of dual-use concerns in bio- technology and to foster the sharing and transfer of best practices in biosafety and biosecurity.	Network, best practices	Began in 2013	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/46/Project-18-International-Network-of-universities-and-institutes-for-raising-awareness-on-dual-use-concerns-in-bio-technology.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/46/ Project-18- International- Network-of- universities-and- institutes-for- raising-awareness- on-dual-use- concerns-in-bio- technology.aspx</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Burundi, DRC, Ethiopia, Kenya, Rwanda, Seychelles, South Sudan, Tanzania, Republic of Congo, Uganda, Zambia	ENEA Italy	Project 13: capacity building and raising awareness in identifying and responding to threats from CBRN materials in sub-Saharan African countries	To improve understanding of the risks posed by CBRN materials if they are not properly managed in the country at borders, airports and seaports, in order to raise the awareness of countries regarding these issues. To enhance partner countries' capacity in combatting illicit trafficking.	National strategy, cooperation	2013, two years, EU CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/59/Project-13-Capacity-building-and-raising-awareness-for-identifying-and-responding-to-threats-from-chemical-biological-radiological-and-nuclear-materials-in-Sub-Saharan-African-countries.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/59/ Project-13- Capacity-building- and-raising- awareness-for- identifying-and- responding-to- threats-from- chemical-biological- radiological-and- nuclear-materials- in-Sub-Saharan- African-countries. aspx</a>
24 states, including Algeria, Gabon, Libya, Mauritania, Morocco, Tunisia	University of Insubria Centre on International Security, EU	Project 3: knowledge development and transfer of best practice on biosafety/ biosecurity/ biorisk management	To promote sustainable knowledge development on biosafety, biosecurity and biorisk management and transfer of best practice through a 'train the trainers' model. To promote regional collaboration and standards in biosafety and biosecurity.	Training, knowledge transfer	1 January 2013, 24 months, EU CoE, website: <a href="http://icis-uninsubria.eu/index.php/programs/eu-cbrn-coe-project-3-knowledge-development-and-transfer-of-best-practice-on-biosafety-biosecurity-biorisk-management/">icis-uninsubria. eu/index.php/ programs/eu- cbrn-coe-project- 3-knowledge- development- and-transfer-of- best-practice- on-biosafety- biosecurity- biorisk- management/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/47/Project-3-Knowledge-development-and-transfer-of-best-practice-on-bio-safetybiosecurity-biorisk-management.aspx">http://www.cbrn- coe.eu/Projects/ TabId/ 130/ArtMID/543/ ArticleID/47/ Project- 3-Knowledge- development-and- transfer-of-best- practice-on-bio safetybiosecurity biorisk- management.aspx</a>

## Japan

**Type: State**

1540 Committee assistance provider  
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

Japan is willing to provide assistance where appropriate in response to specific requests from states lacking the legal and regulatory infrastructure, implementation experience and/or resources to fulfil UNSCR 1540 provisions.<sup>58</sup>

**Overview:**

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Ryo Fukahori, Permanent Mission of Japan to the United Nations

Tel: 212-521-1516

Fax: 212-308-1451

Email: ryo.fukahori@mofa.go.jp

*CWC National Authority/contact person:*

Mr Kensuke Fujihata, Deputy Director, Biological and Chemical Weapons Convention Division

Email: kensuke.fujihata@mofa.go.jp

*BWC National Focal Point: Yes*

*Other points of contact:*

Toshihiko Nishimura Defence Attaché – Embassy of Japan

Email: toshihiko.nishimura@mofa.go.jp

Tsuyoshi Takahashi Second Secretary – Embassy of Japan

Tel: +251 911 50 3182

Email: tsuyoshi.takahashi@mofa.go.jp

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
DRC	Japan International Cooperation Agency (JICA)	Seminar for Foreign Senior Police Officers	To contribute to security stability and development in participating states by introducing their current and future senior police officials to Japanese police organisations and systems, organisation management, crime countermeasures and other relevant topics focusing on police administration, in order to equip them with the broad knowledge and capabilities required for effective functioning in this area.	Seminar	June 2009, from multiple countries including the DRC	1540 Committee, Offers of assistance, <a href="http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml">www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml</a>
Western Africa, Southern Africa, Northern Africa	IAEA	IAEA Safeguards Seminars	Japan participated in the Western Africa Economic Seminar in Burkina Faso; the SADC Seminar in Namibia; and an Outreach Seminar Maghreb Region, in Morocco	Seminar	Burkina Faso and Namibia 2004, Morocco 2005	Global Partnership Working Group Consolidated Report Data 2012 Annex
Libya		Assistance visit to Libya		Chemical/ legislation assistance	2004	Global Partnership Working Group Consolidated Report Data 2012 Annex



## Liechtenstein

**Type: State**

1540 Committee assistance provider

**Description:**

Liechtenstein is willing to assist other states through capacity building, particularly in areas where it has relevant experience.<sup>59</sup>

**Overview:**

'Liechtenstein as a very small state (38 000 inhabitants) and without armed forces has no expertise and also only very limited resources in the fields of chemical, biological, radiological and nuclear issues. We are therefore not in a position to offer any assistance or capacity building programmes in these fields.'<sup>60</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Esther Schindler, Counsellor, Office for Foreign Affairs

Tel: +423-236-6057

Email: esther.schindler@llv.li

*CWC National Authority/contact person:*

Same as contact submitted to 1540 Committee

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Lithuania

**Type: State**

1540 Committee assistance provider

**Description:**

Lithuania is willing to provide expert assistance in developing the legal framework and infrastructure, detecting and assessing radioactive and nuclear materials, analysing such substances and training experts of other countries.<sup>61</sup>

**Overview:**

Lithuania is a party to the Treaty on the NPT, the CTBT, has an Additional Protocol with the IAEA, and is a member of the NSG. It has acceded to the BTWC and is a member of the Australia Group and the CWC. Lithuania commits 'to raise awareness of the importance of nuclear security;

to improve national capacity to prevent, detect, protect and prosecute; and to increase global nuclear security through international cooperation. Stronger international institutions and advanced nuclear security culture will undeniably help deter, detect, and disrupt attempts of mishandling of radioactive materials out of regulatory control and of nuclear terrorism.'<sup>62</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Arms Control and Terrorism Prevention Division, Transatlantic Cooperation and Security Policy Department, Ministry of Foreign Affairs

Tel: +370-5-236-2520

Fax: +370-5-236-2519

Email: urm@urm.lt

*CWC National Authority/contact person:*

Mrs Bronė Sirvinskienė, Chief Official

Tel: +370 706 64840; +370 706 64736 (direct)

Fax: +370 706 64762

Email: brone.sirvinskiene@ukmin.lt

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Algeria	OPCW	International Course on Medical Aspects of Assistance and Protection against Chemical Weapons	To strengthen capacities of the physicians and other qualified medical experts of the CWC states parties in preparedness and response to chemical incidents through enhanced skill levels, improved performance, shortened treatment procedure times and reduced error rates.	Course	2–5 June 2015, included participants from Algeria	OPCW, News, www.opcw.org/news/article/course-on-medical-aspects-of-assistance-and-protection-against-chemical-weapons-held-in-lithuania/

## Luxembourg

**Type: State**

1540 Committee assistance provider

**Description:**

Luxembourg assists certain states in setting up export control mechanisms, through its membership of the EU.<sup>63</sup>

**Overview:**

'Luxembourg shares the commitment of preventing the proliferation of weapons of mass destruction and their means of delivery to non-states actors and fully recognizes the importance of the United Nations Security Council resolution 1540 (2004) in this context. As a member of the European Union, Luxembourg is listed as an assistance provider on the website of the 1540 Committee. Yet, Luxembourg has only limited practical experience in providing assistance in the area of capacity building programmes on chemical, biological, radiological and nuclear issues. Generally, Luxembourg considers only specific, individual assistance requests. We remain at States' disposal to study any particular request.'<sup>64</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Robert Steinmetz Attaché de Légation, Disarmament, Non-proliferation and Common Security and Defence Policy Desk,

Political Affairs Directorate, Ministry of Foreign Affairs

Tel: +352-2478-2447

Mr Guy Hoffmann, Lieutenant-Colonel, Deputy Military Adviser, Permanent Mission of Luxembourg to the United Nations

Tel: 212-715-3909

*CWC National Authority/contact person:*

Mr Frank Braun

Tel: +352 247 82447

Fax: +352 22 19 89

Email: Robert.steinmetz@mae.etat.lu

*BWC National Focal Point: No*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Malaysia

**Type: State**

1540 Committee assistance provider

**Description:**

Malaysia is willing to consider requests from other states for assistance as appropriate in the areas of legal and regulatory infrastructure, implementation and/or resources for fulfilling UNSCR 1540 provisions.<sup>65</sup>

**Overview:**

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Mohamed Khalit Sald, Minister Counsellor, Permanent Mission of Malaysia to the United Nations

Tel: 212-986-6410 ext. 209

Fax: 212-983-0767

Under Secretary, Multilateral Political Division, Department of Multilateral Affairs Ministry of Foreign Affairs

Tel: +603-88874107

Fax: +603-88892788

*CWC National Authority/contact person:*

Ms Saleha Abd Rahman @ Ngah Undersecretary

Tel: +603 8887 4042; +603 8887 4088

Fax: +603 8889 4276

Email: saleha@kln.gov.my

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Malta

**Type: State**

1540 Committee assistance provider

**Description:**

Malta would not be in a position to offer assistance due to limited human and financial resources, but is prepared to share its experience in this field of implementation, if requested.<sup>66</sup>

**Overview:**

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Dr Mariella Grech and/or Mr Christian Sgandurra,

Directorate Global Issues International Development and Economic Affairs, Ministry of Foreign Affairs

Tel: +356-2204-2391

Fax: +356-2133-7063

Ms Natasha Meli Daudey, Deputy Permanent Representative, Permanent Mission of Malta to the United Nations

Tel: 212-725-2345 ext. 105

Fax: 212-779-7097

*CWC National Authority/contact person:*

Prof. Alfred J Vella Director

Tel: +356 2340 2167

Fax: +356 21 240 210

Email: alfred.j.vella@um.edu.mt

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Mexico

**Type: State**

1540 Committee assistance provider

**Description:**

Mexico, through the Office of the Attorney-General, is able to offer advice and technical assistance on matters relating to extradition, limited to theoretical and informative aspects relating to extradition proceedings in Mexico, pursuant to international treaties and national legislation.<sup>67</sup>

**Overview:**

'The Centre for Investigation and National Security (CISEN) has indicated that it is in a position to provide assistance, in terms of first response to chemical, biological and radioactive weapons incidents, in the following areas: best practices in epidemiological monitoring and surveillance in relation to incidents involving biological agents; detection of atypical cases and health-sector response to bioterrorism incidents, as well as coordination with public safety and judicial authorities; radiation protection and safety; techniques for radiation detection in large-scale, high-impact events; use of specialized equipment for detecting and identifying radioisotopes; physical security of nuclear materials and facilities; and prevention and detection of and first response to chemical weapons incidents.<sup>68</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Juan Sandoval Mendiola, Director General for the United Nations, Ministry of Foreign Affairs

Tel: +52-55-3686-5572

Fax: +52-55-3686-5570

Email: jsandoval@sre.gob.mx

*CWC National Authority/contact person:*

Mr Antonio Vazquez del Mercado Malpica

Tel: +5255 5624 3700 ext. 3251

Fax: +5255 5624 3700 ext. 3177

Email: nrui@entemas.net, jshimizu@entemas.net, vazquezdelm@entemas.net

*BWC National Focal Point: Yes*

*Other points of contact:*

Mr Ulises Canchola Gutiérrez, Director General for the United Nations System, Ministry of Foreign Affairs

Tel: 011 52 (55) 9157-4317/5063-3154

Fax: 011 52 (55) 5062-3036

Email: dgsnunidas@sre.gob.mx

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Netherlands

**Type: State**

1540 Committee assistance provider

**Description:**

The Netherlands will consider specific requests from states lacking the legal and regulatory infrastructure and implementation experience for UNSCR 1540 provisions.<sup>69</sup>

**Overview:**

The Netherlands has contributed financially to the IAEA Nuclear Security Fund since 2002. 'The Netherlands participates in international information sharing on illicit trafficking in nuclear material[s] through contributions to the IAEA ITDB, IAEA NUSEC and GICNT IAG, as well as through bilateral cooperation ... Raising security awareness in the nuclear sector is a priority for the Dutch government.'<sup>70</sup> The Netherlands is also home to the headquarters of the OPCW in The Hague.

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Division of Nuclear Affairs and Non-proliferation of the Security Policy Department,  
Netherlands Ministry of Foreign Affairs

*CWC National Authority/contact person:*

Mr Ronald Doosdorp, Director, Trade Policy Division

Tel: +31 70 348 5954

Email: ronald.roosdorp@minbuza.nl

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	EU, IAEA, INTERPOL, UN	Nuclear Security Summit	Focused on the key issues of strengthening the global nuclear security architecture, elevating the importance of cooperation between governments and nuclear industry, and maintaining the high level of achievement on summit commitments.	Summit	3 <sup>rd</sup> annual hosted by the Netherlands in 2014, six African countries in attendance	Nuclear Security Summit, Past summits, <a href="http://www.nss2016.org/past-summits/2014/">www.nss2016.org/past-summits/2014/</a>
IAEA member countries	IAEA, Reactor Institute of Delft University of Technology	Masters Programme in Nuclear Security	There are plans to establish a centre of excellence (CoE) on nuclear security in Delft some two years after the first cohort of students have completed the Master's programme.	Education	Established in 2012	Nuclear Security Summit 2014, National progress report, <a href="http://www.state.gov/documents/organization/235451.pdf">www.state.gov/documents/organization/235451.pdf</a>
African countries	OPCW	CWC implementation	Three different projects in 2008: a technical assistance visit to West Africa; a sub-regional training course for customs authorities in the SADC region, to familiarise customs officials with CWC implementation; and internships in the Netherlands for three African candidates under the OPCW programme to strengthen capacity in Africa.	Capacity building and education	Ongoing, these are just examples of its 2008 projects	Speech by Verhagen at Second Conference on Chemical Weapons Treaty Review 2008, <a href="http://www.government.nl/documents/speeches/2008/04/07/speech-by-verhagen-at-second-conference-on-chemical-weapons-treaty-review">www.government.nl/documents/speeches/2008/04/07/speech-by-verhagen-at-second-conference-on-chemical-weapons-treaty-review</a>
Uganda	US Department of State	Improving Biosecurity in Uganda: Cooperative Threat Reduction Program	Improving biosecurity and biosafety in Uganda by providing training and implementing measures to upgrade the level of biosafety. Furthermore, provided funding for guards and equipment for biological experts, evaluated existing laboratories' biosafety standards and developed guidelines in cooperation with Ugandan partners to improve biosafety in Uganda.	Biological capacity assistance	1/1/2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
GICNT partner nations	GICNT	2009 Plenary Meeting	Gathered 55 partner nations and three official observers (IAEA, EU and INTERPOL) to evaluate GICNT progress and identify future goals, and began discussion on revised Terms of Reference document.	Meeting	June 2009	GICNT, Key multilateral events and exercises, <a href="http://www.gicnt.org/documents/GICNT_Past_Multilateral_Events_June2015.pdf">www.gicnt.org/documents/GICNT_Past_Multilateral_Events_June2015.pdf</a>

## New Zealand

**Type: State**

1540 Committee assistance provider

**Description:**

New Zealand has begun discussions with Pacific island states about implementation of UNSCR 1540 and what assistance it can provide.<sup>71</sup> 'New Zealand has provided financial contributions to several nuclear security-related projects in Africa, run by the US Department of Energy. The US DoE would be the appropriate contact point for African states interested in collaborating on these or related nuclear security projects.'<sup>72</sup>

**Overview:**

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Felicity Roxburgh, First Secretary, Permanent Mission of New Zealand to the United Nations

Tel: 212-317-3075

Email: felicity.roxburgh@mfat.govt.nz

Ms Rosalind Dawson, International Security and Disarmament Division, Ministry of Foreign Affairs and Trade

Tel: +64-4-439-8640

Email: rosalind.dawson@mfat.govt.nz

, dm-ised@mfat.govt.nz

*CWC National Authority/contact person:*

Ms Deborah Panckhurst, Head of the National Authority

Tel: + 64 4 439 8227; +64 4 439 8000

Fax: + 64 4 472 9596 (24 hours); +64 4 439 8519

Email: DM-ISED@orange.mfat.govt.nz, deborah.panckhurst@mfat.govt.nz, peter.noble@mfat.govt.nz,

ised@mfat.govt.nz

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Africa and Latin America	US DoE	N/A	Contribution to US-led project to provide mobile radiation detection capabilities to participating countries.	Radiation capacity building	2013, New Zealand contributed NZ\$570 000	Communication from New Zealand Ministry of Foreign Affairs & Trade to ISS, 5 September 2016
Kenya and Djibouti	US DoE	N/A	Contribution to US-led field training exercises in Kenya and Djibouti on radiation detection.	Training	2014, NZ\$300 000 given for this and three other projects	Communication from New Zealand Ministry of Foreign Affairs & Trade to ISS, 5 September 2016
Kenya and Djibouti	US DoE	N/A	Contribution to follow-up meetings on radiation detection and field training projects (US-led).	Training and capacity	2015, NZ\$360 000 for this and two other projects	Communication from New Zealand Ministry of Foreign Affairs & Trade to ISS, 5 September 2016

## Norway

**Type: State**

1540 Committee assistance provider

**Description:**

Norway is prepared to provide technical and other assistance to states that lack the legal and regulatory infrastructure, implementation experience and/or the necessary resources to fulfil their obligations under UNSCR 1540, and to share its experiences in implementing relevant provisions of UNSCR 1540, for example with respect to national legislation and regulatory infrastructure.<sup>73</sup>

**Overview:**

'Norway has for several years been carrying out an active outreach programme under various disarmament, non-proliferation and export control instruments, including visits and assistance to a number of countries. These visits have allowed [Norway] to address issues connected with effective implementation of non-proliferation and export controls.<sup>74</sup> Norway has contributed financially to the IAEA Nuclear Security Fund and has made contributions in support of the implementation of the CWC. Many of Norway's funded projects have focused on the implementation of Article X (assistance and protection) and CWC plans for universalisation and national implementation (Article VII). Norway is a member of and actively supports the OPCW. 'Norway has provided financial assistance for workshops, seminars and networking to promote implementation of the Biological and Toxin Weapons Convention in Africa.<sup>75</sup>

**Point(s) of contact:**

*CWC National Authority/contact person:*

Ms Gry Haugsnes, Senior Engineer

Mobile: +47 92 89 67 06

Email: gry.haugsnnes@dsb.no

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Ghana, Malawi	National Institutes of Public Health in Ghana and Malawi	Strengthening IHR implementation	The objective is to improve health preparedness and to build capacity in detecting and managing crises and disease outbreaks, on a daily basis as well as during emergencies.	Public health	2015–2019, supported by US\$2.3 million, Global Health Security Agenda Project	UNOG, Implementation of Article X – Norway, www.unog.ch/80256EDD006B8954/(httpAssets)/9DDFB0FECE5D0732C125802D002D96E4/\$file/Implementation+of+Article+X+--+Norway.pdf
AU members	BTWC Implementation Support Unit, AU	Regional Workshop in preparation for the Eighth BTWC Review Conference	Regional workshop in preparation for the Eighth BTWC Review Conference.	Workshop	2016	UNOG, Implementation of Article X – Norway, www.unog.ch/80256EDD006B8954/(httpAssets)/9DDFB0FECE5D0732C125802D002D96E4/\$file/Implementation+of+Article+X+--+Norway.pdf
Worldwide	UNIDIR	UNIDIR Framework Agreement for Multi-year Cooperation	Support for strategic and structured disarmament and security-building activities that strengthen the ability of developing countries to implement disarmament commitments, as well as UNIDIR's capacity to advance disarmament and sustainable development.	Framework	2014–2016, US\$1.5 million	UNOG, Implementation of Article X – Norway, www.unog.ch/80256EDD006B8954/(httpAssets)/9DDFB0FECE5D0732C125802D002D96E4/\$file/Implementation+of+Article+X+--+Norway.pdf
Worldwide	International Law and Policy Institute	ILPI WMD Project – Development and Disarmament	To strengthen the capacity of developing countries, IGOs and civil society to implement international obligations and participate in multilateral processes aimed at controlling and eliminating weapons of mass destruction.	Capacity Development	2014–2016, US\$2.2 million	UNOG, Implementation of Article X – Norway, www.unog.ch/80256EDD006B8954/(httpAssets)/9DDFB0FECE5D0732C125802D002D96E4/\$file/Implementation+of+Article+X+--+Norway.pdf

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	UNODA	Assistance in the practical implementation of UNSCR 1540 on non-proliferation of WMD and their means of delivery	Capacity building at the national level to support the implementation of UNSCR 1540, strengthening the regional implementation process in developing countries, support for country visits, and support for the practical implementation of the programmes of work of the 1540 Committee.	General UNSCR 1540 Assistance	2010–2013, US\$350 000	UNOG, Implementation of Article X – Norway, <a href="http://www.unog.ch/80256EDD006B8954/(httpAssets)/9DDFB0FECE5D0732C125802D002D96E4/\$file/Implementation+of+Article+X+-+Norway.pdf">www.unog.ch/80256EDD006B8954/(httpAssets)/9DDFB0FECE5D0732C125802D002D96E4/\$file/Implementation+of+Article+X+-+Norway.pdf</a>
Africa	SIPRI	Uranium Mining and Security of the Nuclear Fuel Cycle	Pilot project to analyse the restructuring of the international uranium mining industry and its implications for nuclear non-proliferation, with a focus on the impact and implications of alternative governance options for developing countries in Africa.	Nuclear capacity assistance	2012–2013, US\$1.75 million	Global Partnership Working Group Consolidated Report Data 2012 Annex

## Pakistan

### Type: State

1540 Committee assistance provider

### Description:

Pakistan, in light of its implementation of various regimes, including CWC, CPPNM and BTWC, and its elaborate legislative framework in the safety and security of nuclear technology and materials, will consider specific requests from states lacking the legal and regulatory infrastructure, resources and implementation experience to fulfil UNSCR 1540 provisions.<sup>76</sup>

### Overview:

'Pakistan has rendered technical assistance to Member States under the auspices of the IAEA's Technical Assistance and Technical Cooperation programmes. Pakistan fully supports IAEA's role to render assistance to member states involved in the development of nuclear technology for peaceful purposes.'<sup>77</sup> 'Pakistan fully supports the globally agreed objectives of promoting nuclear non-nuclear proliferation and disarmament. [It] also share[s] the concerns about [WMDs] and their means of delivery by non-state actors. It is in the interest of all states to prevent proliferation of WMDs to states as well as non-state actors.'<sup>78</sup>

### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Permanent Mission of Pakistan to the United Nations

*CWC National Authority/contact person:*

Ms Tasnim Aslam, Additional Secretary

Tel: +92 51 920 54 94

Fax: +92 51 920 25 18

Email: [as.unec@mfa.gov.pk](mailto:as.unec@mfa.gov.pk)

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	Pakistan Institute of Engineering and Applied Sciences, IAEA	Knowledge Management in Nuclear Education and Training in Pakistan	Graduate programmes in nuclear education and training.	Education	Graduates include participants from Algeria, Libya and Sudan	IAEA, Presentation, June 2015, <a href="http://www.iaea.org/nuclearenergy/nuclearknowledge/Events/2015/2015-06-15-19-TM-educational-networks/presentations/Pakistan.pdf">www.iaea.org/nuclearenergy/nuclearknowledge/Events/2015/2015-06-15-19-TM-educational-networks/presentations/Pakistan.pdf</a>

## Poland

**Type: State**

1540 Committee assistance provider

**Description:**

Poland is willing to provide assistance, as appropriate, to states lacking the legal and regulatory infrastructure, and/or implementation experience to fulfil UNSCR 1540 provisions, especially in the sphere of domestic controls to prevent proliferation, internal cooperation between law enforcement services, legal and administrative measures, implementation of international treaties and arrangements, and international and regional cooperation on non-proliferation.<sup>79</sup>

**Overview:**

'Poland can assist especially in the sphere of domestic controls to prevent ... proliferation, internal cooperation between respective law enforcement services, legal and administrative measures, implementation of international treaties and arrangements, international and regional cooperation on nonproliferation. Poland cooperates with the OPCW in the sphere of promotion of universalisation and implementation of the CWC as well as in the sphere of assistance and protection against chemical weapons. Poland cooperates and shares its experience within the frameworks of the PSI and the GICNT.<sup>80</sup> Poland actively participates in the EU CBRN CoE Initiative.<sup>81</sup> The main Polish institutions involved in the CBRN CoE are the Institute of Industrial Organic Chemistry, the Military Institute of Hygiene and Epidemiology (<http://www.wihe.waw.pl/en/about-us>), the Military Institute of Chemistry and Radiometry, the Police, and the Main School of Fire Service (<https://www.sgsp.edu.pl/en/international-projects>). The Polish institutions are focused on Eastern Europe, but are open to cooperation with other partners. Poland is very active in the area of chemical safety and security. It has developed cooperation in this area, including with African partners.

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Janusz Wawrzyniuk, Third Secretary, Permanent Mission of Poland to the United Nations

Tel: 646-559-7571

Email: [janusz.wawrzyniuk@msz.gov.pl](mailto:janusz.wawrzyniuk@msz.gov.pl)

*CWC National Authority/contact person:*

Mr Damian Przenioslo, Head of WWD Non-Proliferation and global disarmament division. Security Policy Department Ministry of Foreign Affairs

Tel: +48 22 523 93 70

Email: [damian.przenioslo@msz.gov.pl](mailto:damian.przenioslo@msz.gov.pl)

*BWC National Focal Point: Yes*

*Other points of contact:*

Mr Tomasz Kobzdej

First Counsellor

Division for WMD Nonproliferation and Disarmament Policy

Security Policy Department

Ministry of Foreign Affairs

Email: [tomasz.kobzdej@msz.gov.pl](mailto:tomasz.kobzdej@msz.gov.pl)

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Burundi, DRC, Ghana, Kenya, Rwanda, Seychelles, Tanzania, Zambia	Gesellschaft für Anlagen und Reaktorsicherheit (GRS), Germany	Project 42: chemical safety and security in Central and Eastern Africa	To enhance national chemical legal frameworks to prevent occurrence of accidents inside and around chemical installations; to strengthen preparedness and response. The Institute of Industrial Organic Chemistry (IPO, Poland) is involved in particular in strengthening regional and national capacities with respect to the prevention of and preparedness for and response to chemical incidents. It does this through training and education. <sup>82</sup>	Chemical risk management	2015–2018, through the EU CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/78/Project-42-Chemical-safety-and-security-in-Central-and-Eastern-Africa.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/78/Project-42-Chemical-safety-and-security-in-Central-and-Eastern-Africa.aspx</a> ; Communication from Poland Security Policy Department to ISS, 27 September 2016



## Portugal

**Type: State**

1540 Committee assistance provider

**Description:**

Portugal may offer assistance by request in areas of export controls of military- and defence-related materials, registers and control lists, export control, and proliferation prevention activities, especially to Portuguese-speaking countries.<sup>83</sup>

**Overview:**

Portugal offers assistance on:

'Drafting legislation on, and implementation of, export controls of military and defence-related materials

Drafting, updating and managing of registers and control lists for military and defence-related materials

Exporting control procedures and drafting of national reports on export control activities

Training on proliferation prevention activities

Facilitating outreach and awareness raising (private sector and academia)

'It also contributes through its membership in the EU to the Global Partnership to enhance nuclear safety and security, chemical weapons destruction, re-employment of former scientists, export control and border security.'<sup>84</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Major Abel Oliveria, Head of Defence Goods and Technology Control Division, Ministry of Defence

Tel: +351-21-303-8566

Fax: +351-21-302-7221

Email: abel.oliveira@defesa.pt

Ms Laura Carapinha, Proliferation Security Intelligence Services, Ministry of Home Affairs, Security and Information Services (SIS)

Tel: +351-21-752-3217

Fax: +351-21-752-3240

Email: lcarapinha@sis.pt

*CWC National Authority/contact person:*

Mr Bruno Paes Moreira, Head of National Authority – Diplomat

Tel: +351 21 394 66 04 (direct); +351 21 394 62 03; +351 21 394 62 18

Fax: +351 21 394 60 52; +351 21 394 60 37

Email: bruno.paesmoreira@mne.pt, anpaq@mne.pt

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Lusophone states parties	OPCW	Advanced Course on Assistance and Protection	Participants 'worked with different types of protective equipment, explored the types and characteristics of chemical warfare agents, and learned to operate detection and decontamination equipment'.	Course	12–16 May 2014; attendees from five Lusophone African countries	OPCW, News, <a href="https://www.opcw.org/news/browse/128/article/advanced-course-on-assistance-and-protection-held-in-portugal/">https://www.opcw.org/news/browse/128/article/advanced-course-on-assistance-and-protection-held-in-portugal/</a>
Lusophone states parties	OPCW	Basic Course for Personnel	Training for personnel involved in CWC implementation.	Course	First held May 2005 in Lisbon, included Lusophone African attendees	OPCW, Documents, <a href="https://www.opcw.org/documents-reports/technical-secretariat/2005/?tx_pagebrowse_pi1%5Bpage%5D=2&amp;cHash=07d3428622a525fc5df7c7088c1e2526">https://www.opcw.org/documents-reports/technical-secretariat/2005/?tx_pagebrowse_pi1%5Bpage%5D=2&amp;cHash=07d3428622a525fc5df7c7088c1e2526</a>

## Republic of Korea

**Type: State**

1540 Committee assistance provider  
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

The Republic of Korea (ROK), within its capacity, will participate in regional and international-level cooperation to achieve the effective implementation of UNSCR 1540.<sup>85</sup>

**Overview:**

The ROK has hosted, in cooperation with the Technical Secretariat of the OPCW, training courses in the Asia-Pacific region on protection and assistance against chemical weapons.<sup>86</sup> The ROK hosted the 2012 Seoul Nuclear Security Summit and has participated in subsequent summits. The ROK has also been involved with adopting documents and implementing activities of the NPT, PSI, GICNT and CTBT. It is a member of the Wassenaar Arrangement, NSG, Zangger Committee, MTCR and Australia Group. The Republic of Korea is committed to the responsible and peaceful use of nuclear energy ... The Korean government co-hosts the ROK-UN Joint Conference on Disarmament and Nonproliferation every year with the UN Office for Disarmament Affairs (ODA). The 14<sup>th</sup> Conference was held in December 2015.<sup>87</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Heun Jin KIM, Deputy Director, Disarmament and Non-proliferation Division, Ministry of Foreign Affairs

Tel: +82-2-2100-7250

Email: hejkim@mofa.go.kr

Mr Sang Yun LEE, Second Secretary, Point of Contact at the Permanent Mission of the Republic of Korea to the United Nations

Tel: 212-439-4051

Email: syl3dh@gmail.com

*CWC National Authority/contact person:*

Ms Ji-eun Song, Third Secretary

Tel: +82-2-2100-7245

Fax: +82-2-2100-7933

Email: jesong13@mofa.go.kr

*BWC National Focal Point: Yes*

*Other points of contact:*

Ms Hyejeong LEE, Research Officer – Project Coordinator, Embassy of the Republic of Korea

Tel: 01 13 72 81 11

Mobile: 09 12 50 05 41

Email: hjeonglee15@mofa.go.kr

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Others, including Morocco	US	Nuclear and Radiological Security: Partnership for Nuclear Security	The ROK financed the hosting of regional workshops held in Rabat, Morocco* in cooperation with the US.	Workshop	2010–2011, US\$100 000	Global Partnership Working Group Consolidated Report Data 2012 Annex
Worldwide	IAEA	23 <sup>rd</sup> IAEA Fusion Energy Conference	Fosters the exchange of scientific and technical results on nuclear fusion research through the series of its Fusion Energy Conferences. The 23 <sup>rd</sup> IAEA Fusion Energy Conference was aimed at providing a forum for discussing driving physics and technology issues as well as innovative aspects of direct relevance to fusion as a source of nuclear energy.	Conference	11–16 October 2010, Daejeon, ROK	IAEA, Meetings, www-pub.iaea.org/iaeameetings/38091/23rd-IAEA-Fusion-Energy-Conference

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	IAEA	International Forum on Nuclear Safety in the Flat, Mixed and Open World	To address the nuclear safety challenges that are confronted by nuclear regulators in the exiting NPP countries as well as in new entrant countries. The forum particularly focused on the issues related to the regulatory assistance and partnership between new entrants and the existing NPP countries, safety approaches for the mixed reactor generations and communication challenges in a more open society.	Forum	19–20 April 2010, Seoul, ROK	IAEA, Meetings, <a href="http://www-pub.iaea.org/iaeameetings/1200201/">www-pub.iaea.org/iaeameetings/1200201/</a> International-Forum-on-Nuclear-Safety-Challenges-in-the-Flat-Mixed-and-Open-World-br-In-cooperation-with-the-IAEA
53 countries, including Algeria, Egypt, Gabon, Morocco, Nigeria, South Africa		2 <sup>nd</sup> Nuclear Security Summit	Building upon the 2010 Summit in Washington, the 2012 Summit focused its attention on three main issues: cooperative measures to combat the threat of nuclear terrorism; protection of nuclear materials and related facilities; and prevention of illicit trafficking of nuclear materials.	Summit	26–26 March 2012, Seoul, ROK	NSS, Past summits, 2012, <a href="http://www.nss2016.org/past-summits/2012/">www.nss2016.org/past-summits/2012/</a>

## Romania

**Type: State**

1540 Committee assistance provider

**Description:**

By request, Romania is willing to contribute its share in providing assistance to states lacking the legal and regulatory infrastructure, resources and implementation experience to fulfil UNSCR 1540 provisions.<sup>88</sup>

**Overview:**

Romania provides technical assistance on export control legislation as well as good practices. It has assisted CWC states to improve implementation of CWC provisions, in collaboration with the US, by developing the Implementation Assistance Programme. Romania supports the IAEA Plan of Action for the Prevention of Nuclear Terrorism and financially supports the Nuclear Security Fund. It also worked with the IAEA to organise a course titled 'Procedures of response in case of nuclear terrorism and incidents involving illicit trafficking of radioactive materials'.<sup>89</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Ms Monica Matei, Director for OSCE, Asymmetric Risks and Non-proliferation, Ministry of Foreign Affairs

Tel: +40-21-431-1262

Email: monica.matei@mae.ro

Ms Narcisa Vladulescu, Counsellor, Permanent Mission of Romania to the United Nations

Tel: 212-682-3273

Email: narcisa.vladulescu@romaniaun.org

*CWC National Authority/contact person:*

Ms Emilia Floroiu, Adviser

Tel: + 40 21 305 72 00; + 40 21 305 7219; + 40 21 311 20 83; +40 21 311 2083

Fax: +40 21 305 7224

Email: efloroiu@ancex.ro, ancex@ancex.ro

*BWC National Focal Point: Yes*

*Other points of contact:*

Mr Dan Neculaescu, Director, Non-proliferation, Arms Control and Counter-terrorism Office Ministry of Romania

Tel: +40 21 319.68.57

Fax: +40 21 319.23.63

Email: dan.neculaescu@mae.ro

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
IAEA member states	IAEA	IAEA workshops	Romania has hosted a number of IAEA workshops on CBRN- related issues	Courses and workshops	Ongoing, African countries have been included	IAEA, Romanian Nuclear Institute work together to strengthen nuclear safety, <a href="http://www.iaea.org/newscenter/news/iaea-romanian-nuclear-research-institute-work-to-strengthen-nuclear-safety">www.iaea.org/newscenter/news/iaea-romanian-nuclear-research-institute-work-to-strengthen-nuclear-safety</a>

## Russian Federation

**Type: State**

1540 Committee assistance provider

**Description:**

The Russian Federation is ready to provide assistance in response to specific requests from states that lack the legal and regulatory infrastructure, the experience and/or the resources for fulfilling UNSCR 1540 provisions.<sup>90</sup>

**Overview:**

The Russian Federation works on the problems of non-proliferation of weapons of mass destruction and their means of delivery in the framework of inter-state organisations established in the area of the former Soviet Union. The Russian Federation provides financial support to IAEA.<sup>91</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Non-proliferation and Arms Control Department, Ministry of Foreign Affairs of the Russian Federation

*CWC National Authority/contact person:*

Mr Denis Manturov, Minister of Industry and Trade

Tel: +7 495 539 21 53

Fax: +7 495 632 88 90

Email: Manturov@minprom.gov.ru

*BWC National Focal Point: Yes*

*Other points of contact:*

Permanent Missions of the Russian Federation to the United Nations in New York and Vienna, the embassies of the Russian Federation or the Russian Ministry of Foreign Affairs, or the Security Council 1540 Committee

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
IAEA member states	IAEA	International Courses on Physical Protection at Nuclear Facilities	To provide relevant staff in the target countries with hands-on training to upgrade their knowledge and improve their practical skills in conducting inspections of the physical protection systems (PPSs) under their supervision and in applying efficient performance control procedures that are relevant to these systems.	Course	June, September, October, open to all IAEA members, many previous participants were from African states	IAEA, Meetings, conferences and symposia, <a href="http://www-ns.iaea.org/meetings/default.asp?tme=ns&amp;s=10&amp;l=79">www-ns.iaea.org/ meetings/default. asp?tme=ns&amp;s= 10&amp;l=79</a>
GICNT member states	GICNT	GICNT events	As a founding member, the Russian Federation regularly hosts workshops, seminars and other events covering issues of nuclear terrorism.	Seminars, workshops	Ongoing, GICNT established in 2006, includes African members	Ten Years of the GICNT, 2016, <a href="http://www.saferglobe.fi/wp-content/uploads/2016/06/gicnt_report_2016.pdf">www.saferglobe.fi/ wp-content/uploads /2016/06/gicnt_ report_2016.pdf</a>
Africa	World Bank, WHO	Support of international programmes against malaria and other tropical diseases	Supporting multilateral and bilateral programmes to assist developing countries in fighting malaria and 'neglected' tropical diseases, including through strengthening laboratories, training, and supplying diagnostics and laboratory equipment (including in collaboration with the WHO and WB).	Biological	2007–2014, US\$65.6 million	Global Partnership Working Group Consolidated Report Data 2012 Annex

## Singapore

**Type: State**

1540 Committee assistance provider

**Description:**

Singapore is willing to consider specific requests from other states in implementing the UNSCR 1540 provisions in their territories.<sup>92</sup>

**Overview:**

'Since 2000, Singapore has been working with the IAEA to provide technical assistance to developing Member States in order to ensure the safe and peaceful application of nuclear technologies ... [As of 2 February 2015, Singapore and the IAEA] have organized 23 scientific visits, 93 fellowship attachments and 29 regional training events in subjects including nuclear medicine, radiotherapy and radiation protection.'<sup>93</sup> Singapore participates actively in various forums, such as the UN, the IAEA and ASEAN, and in initiatives such as the PSI, the EU CoE and GICNT.<sup>94</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr John Khoo, First Secretary, Permanent Mission of Singapore to the United Nations

Tel: 212-826-0840 ext. 509

Fax: 212-826-2964

Email: John\_KHOO@mfa.gov.sg

*CWC National Authority/contact person:*

Ms Ivy Chong, Head, Procedures and Systems Branch

Tel: +65 6775 5137

Fax: +65 6776 59 46

Email: ivy\_chong@customs.gov.sg

*BWC National Focal Point: No*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
IAEA members worldwide	IAEA	Third Country Training Programme (TCTP)	IAEA member states will nominate candidates to attend training events hosted by Singapore, designed with the aim of providing the participating countries with the human resources necessary to meet their respective needs.	Training	Ongoing, MoU signed in 2015	Passing the torch: IAEA and Singapore commit to third country training, 3 February 2015, <a href="http://www.iaea.org/technicalcooperation/Home/Highlights-Archive/Archive-2015/02032015-TCTP.html">www.iaea.org/ technicalcooperation/ Home/Highlights- Archive/Archive- 2015/02032015- TCTP.html</a>
Worldwide	DSO Laboratories	Singapore International Symposium on Protection against Toxic Substances	The symposium is a platform for sharing the latest developments in operations and incidents, emerging protective technologies and measures against CBRN threats.	Symposium	The 8 <sup>th</sup> Annual Symposium will be held in March 2017	8 <sup>th</sup> Singapore International Symposium on Protection against Toxic Substances, <a href="http://mmsl.cz/viCMS/soubory/pdf/MMSL_2016_3_7_WWW.pdf">mmsl.cz/viCMS/ soubory/pdf/ MMSL_2016_3_7_ WWW.pdf</a>

## Slovakia

**Type: State**

1540 Committee assistance provider

**Description:**

Slovakia is prepared to consider specific requests from states lacking the legal and regulatory infrastructure, implementation experience and/or resources to fulfil UNSCR 1540 provisions.<sup>95</sup>

**Overview:**

Slovakia 'has adopted an active stance on the issue of international assistance in the field of non-proliferation. Up to now, the main bulk of [its] assistance activities in the field of non-proliferation have been provided through relevant international institutions such as the IAEA and the OPCW. These activities have also included [Slovakia's] regular participation in the IAEA regional technical project dedicated to assist Member States in combating the illicit trafficking of nuclear and other radioactive materials. In the chemical field, [Slovakia has] been active in organising ... various international training courses under the auspices of the OPCW.<sup>96</sup> 'Specifically, Slovakia offers a capacity for chemical specialists training, usually used by the OPCW.'<sup>97</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Department of Disarmament, OSCE and Counter-Terrorism,  
Ministry of Foreign Affairs  
Fax: +421-2-5978-3149

*CWC National Authority/contact person:*

Mrs Silvia Horváthová, Director of the Department of Trade Measures  
Tel: + 31 70 416 77 89; +31 70 416 77 77

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Slovenia

**Type: State**

1540 Committee assistance provider

**Description:**

Slovenia is prepared to provide assistance in response to specific requests from states lacking the legal and regulatory infrastructure, implementation experience and/or resources to fulfil UNSCR 1540 provisions.<sup>98</sup>

**Overview:**

'Slovenia does all in its capacity to assist third countries in preventing trafficking in nuclear, chemical and biological weapons and their means of delivery. The Customs Administration is active in this field developing contracts and offering administrative assistance to other countries in accordance with multilateral and bilateral agreements.'<sup>99</sup> 'The Republic of Slovenia is and remains an active member of the IAEA. As a member of this Agency, it contributes a mandatory membership fee ... The Republic of Slovenia will continue to support and encourage its experts to pursue professional work in third countries within the framework of the IAEA, to organise courses and workshops, and to invite international expert advisory groups to join periodic advisory missions to Slovenian facilities and institutions in order to independently verify the country's capabilities.'<sup>100</sup> Slovenia has also hosted IAEA training courses, meetings and seminars. Most of its activities take place in the Balkan region.

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Boštjan Jerman, Minister Counsellor, Department for Security Policy, Ministry of Foreign Affairs  
Tel: +386-1-478-2256

Fax: +386-1-478-2229

Email: bostjan.jerman@gov.si

Mr Aljaž Arih, Permanent Mission of Slovenia to the United Nations

Tel: 212-370-3007

Fax: 212-370-1824

Email: aljaz.arih@mzz-dkp.gov.si

*CWC National Authority/contact person:*

Mr Alojz Grabner, Director

Tel: + 386 1 400 62 57

Email: alojz.grabner@gov.si

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## South Africa

**Type: State**

1540 Committee assistance provider  
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

South Africa renders assistance to other African states as requested, provides annual training programmes, and co-hosts other courses with international organisations.<sup>101</sup>

**Overview:**

'South Africa has indicated to the UNSC 1540 Committee that it is available to render assistance to other African States in the form of sharing of information (e.g. Workshops, assistance with the drafting of legislation, etc.). However, there is no actual and fixed programme confirmed, and the understanding is that the 1540 Committee will contact South Africa on an ad hoc basis in cases where the Committee is of the view that South Africa could be of assistance ... South Africa also collaborates with the OPCW to offer specific courses in South Africa ... South Africa regularly co-hosts other courses with international organizations.'<sup>102</sup> 'South Africa is committed to multilateral co-operation within the framework of the IAEA, the OPCW and the BTWC in order to achieve common objectives in the area of non-proliferation and to promote international co-operation for peaceful purposes and for adequate resources and assistance to be provided for developing countries.'<sup>103</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*  
Chief Director, UN Political, Department of International Relations and Cooperation  
Tel: +27-12-351-100  
*CWC National Authority/contact person:*  
Ms Melanie Reddiar, Acting Chief Director  
Tel: +27 12 394 3035 (direct)  
Fax: +27 12 394 4035 (direct); +27 12 394 0228  
Email: MReddiar@thedti.gov.za  
*BWC National Focal Point: Yes*  
*Other points of contact:*  
Ms Florah Mookodi, Department of Trade and Industry  
Tel: +27 12 394 3116  
Fax: +27 12 394 4116  
Email: mmookodi@thedti.gov.za  
Mr Salmon Chiloane, Second Secretary, Embassy of South Africa  
Email: ChiloaneS@dirco.gov.za

**Specific projects related to Africa/African states**

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
African states parties to the CWC	National Authority, the South African Council for the Non-Proliferation of WMD, Seven Medical Battalion of the South African Military Health Service and Protechnik Laboratories, in collaboration with the OPCW	Assistance and protection course	National programme for protective purposes, including defence of military personnel and other military operations. Programme includes protection (training, equipment, research); detection, identification and warning; decontamination training and research; verification and medical treatment.	Course	Held annually, 'Train the Trainer' course trains 20 instructors to provide training in their countries	Communication from DIRCO to ISS, 22 July 2016
African states parties to the CWC	Protechnik Laboratories, OPCW and VERIFIN	Analytical skills development course	Intended to improve practical skills in the analysis of chemicals related to the CWC and to enhance the analytical skills of scientists, including chemistry professionals from industry, government or academia who are involved in the analysis, synthesis or quality control of chemicals related to the CWC.	Courses	Two weeks, accommodates 16 participants	Communication from DIRCO to ISS, 22 July 2016



Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Africa	CTBTO and the SA Non-Proliferation Council	On-site inspection regional introductory course	To familiarise national technical experts and personnel from the states signatories of the Africa region with the On-Site Inspection Regime. An on-site inspection aims to establish whether or not a nuclear explosion had occurred or test carried out.	Course	10–17 April 2016, Denel Overberg Test Range, Arniston, Western Cape	Communication from DIRCO to ISS, 22 July 2016
Africa: professionals, educational and research institutions and government laboratories	OPCW and University of Western Cape, South Africa	Pan-African chemical science workshop: all-African nanoscience and nanotechnology initiative	To enhance the participants' capacity and knowledge in the field of nanotechnology, with particular emphasis on nanotechnology-based product development and its impact on society.	Workshop	Held 20–22 September 2016	Communication from DIRCO to ISS, 22 July 2016
Africa	OPCW and Academy of Science of South Africa (ASSAf)	Regional workshop on policy and diplomacy for scientists: introduction to responsible research practices in chemical and biological sciences	To raise awareness among young scientists on the policy and diplomacy aspects that are related to the use of chemicals in various scientific disciplines, including chemistry, biology, biotechnology, and other related fields.	Workshop	18–20 October 2016, Pretoria	Communication from DIRCO to ISS, 22 July 2016

## Spain

**Type: State**

1540 Committee assistance provider

**Description:**

'Spanish authorities have cooperated with other countries on various occasions, especially within the Organization for the Prohibition of Chemical Weapons and IAEA, to lend assistance (legal, technical and financial) for alleviating such situations.'<sup>104</sup>

**Overview:**

'Spain has contributed and continues to contribute to the IAEA Technical Cooperation Fund and Nuclear Security Fund. Mention should also be made of the fact that Spain's National Authority for the Prohibition of Chemical Weapons (ANPAQ) has, in collaboration with the [OPCW], undertaken training activities to fulfil its obligations under the Chemical Weapons Convention (including Technical Events in 2002, 2003 and 2004).'<sup>105</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Fernando Borredá Juste, Chief, Chemical and Biological Disarmament Section, Ministry of Foreign Affairs and Cooperation

Email: fernando.borreda@maec.es

Mr Javier Gutiérrez Blanco-Navarrete, Counsellor, Permanent Mission of Spain to the United Nations

Tel: 212-661-1050

Fax: 212-949-7247

Email: javier.gutierrez@maec.es

*CWC National Authority/contact person:*

Mr Ignacio Morro Villacián, Deputy Director-General of Non-Proliferation and Disarmament Affairs

Tel: + 34 913791765 direct

Fax: + 34 91394 8678 direct

Email: ignacio.morro@maec.es

*BWC National Focal Point: Yes*

*Other points of contact:*

Ambassador Ramon Oyarzun Marchesi, Chair of the 1540 Committee / Permanent Representative of Spain to the UN

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
9 countries, including Algeria and Tunisia	FIIAPP Spain	Project 36: further development and consolidation of the Mediterranean Programme for Intervention Epidemiology Training (MediPIET)	To consolidate a competent public health workforce in field epidemiology capable of facing national and cross-border emergencies posed by communicable diseases. To support the creation of regional networks.	Network, public health	2014, four years, more information: <a href="http://medi Piet.eu/the-project/">http://medi Piet.eu/the-project/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/72/Project-36-Further-development-and-consolidation-of-the-Mediterranean-Programme-for-Intervention-Epidemiology-Training-MediPIET.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/72/Project-36-Further-development-and-consolidation-of-the-Mediterranean-Programme-for-Intervention-Epidemiology-Training-MediPIET.aspx</a>
Côte d'Ivoire, Gabon, Liberia, Mauritania, Morocco, Senegal, Togo, Tunisia	FIIAPP Spain, EU	Management of hazardous chemical and biological waste in North and West Africa	To enhance best practices in hazardous chemicals and biological waste management; to build capacity for laboratory staff with respect to measurements and testing of chemical and biological waste components.	Training	1 January 2014, 42 months, more information: <a href="http://cbrncoe35.eu/">cbrncoe35.eu/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/71/Project-35-Management-of-hazardous-chemical-and-biological-waste-in-North-and-West-Africa.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/71/Project-35-Management-of-hazardous-chemical-and-biological-waste-in-North-and-West-Africa.aspx</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Tunisia	FIAPP Spain, EU	Building capacity to identify and respond to threats from chemical, biological, radiological and nuclear substances	To train staff on international procedures and standards to build capacities for identifying and responding to threats from chemical, biological, radiological and nuclear substances.	Training	2012, two years	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/62/Project-23-Building-capacity-to-identify-and-respond-to-threats-from-chemical-biological-radiological-and-nuclear-substances.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/62/Project-23-Building-capacity-to-identify-and-respond-to-threats-from-chemical-biological-radiological-and-nuclear-substances.aspx</a>
Morocco, included 60 international observers	IAEA	Gate to Africa	The main goal of the 'Gate to Africa' exercise was to discuss and evaluate preparedness and response to a nuclear security event involving the transport of radioactive material.	Table top and field exercise	27–29 October 2015, Madrid	Nuclear Security Summit, News, Morocco-Spain Joint Statement on 'Gate to Africa Exercise', <a href="http://www.nss2016.org/news/2016/3/25/morocco-spain-joint-statement-on-gate-to-africa-exercise">www.nss2016.org/news/2016/3/25/morocco-spain-joint-statement-on-gate-to-africa-exercise</a>

## Sweden

**Type: State**

1540 Committee assistance provider

**Description:**

Sweden, through the National Inspectorate for Strategic Products, participates in bilateral and regional exchanges in CWC implementation, and offers advice upon request to states parties on legislation and implementation issues.<sup>106</sup>

**Overview:**

'Sweden is providing technical support and advice with a view to promote implementation of the CWC, often in co-operation with the OPCW. These activities will continue. Assistance might, to some extent, be geared towards specific requests for help to implement resolution 1540.<sup>107</sup> Sweden was a founding member of the IAEA and has remained actively supportive of the agency's work.

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Carl Magnus Nesser, First Secretary, Permanent Mission of Sweden to the United Nations

Email: carlmagnus.nesser@foreign.ministry.se

*CWC National Authority/contact person:*

Mr Christer Ahlstrom Director-General

Tel: + 46 8 406 31 00

Fax: + 46 8 20 31 00

Email: registrator@isp.se

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Sahel region	Australia, IAEA, Japan, New Zealand, US	Peaceful Uses Initiative (PUI)	Activities that support the peaceful use of nuclear technology, supporting a large-scale project, delivered through the IAEA's Technical Cooperation Programme, to improve the cooperative management of shared water resources in the Sahel region.	Nuclear technology use, capacity building	Algeria, Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Ghana, Mali, Mauritania, Niger, Nigeria, Senegal, Togo	IAEA, PUI project profile, <a href="http://www.iaea.org/sites/default/files/pui-profile-sahel-new.pdf">www.iaea.org/sites/default/files/pui-profile-sahel-new.pdf</a>
OPCW member states with developing economies	OPCW, Swedish Defence Research Agency	Analytical Skills Development Course	To assist qualified analytical chemists from member states in acquiring further experience and practical knowledge to facilitate analysis of chemicals and enhance national capacities in these fields.	Course	22 August – 2 September 2016	OPCW, Note by the Technical Secretariat, <a href="http://www.opcw.org/fileadmin/OPCW/S_series/2016/en/s-1384-2016_e_.pdf">www.opcw.org/fileadmin/OPCW/S_series/2016/en/s-1384-2016_e_.pdf</a>
17 countries, including Algeria, Egypt, Libya, Morocco, Tunisia	European Centre for Disease Prevention and Control (ECDC), Sweden	Project 32: establishment of a Mediterranean Programme for Intervention Epidemiology Training (MediPIET)	To start up a regional training programme aimed at creating a public health work force with necessary skills in field/intervention epidemiology to meet present and future national and cross-border challenges of communicable diseases. To create a regional network of field epidemiologists. To transfer knowledge and experiences through the European Programme for Intervention Epidemiology Training (EPIET) and more recently also in Public Health Microbiology training (EUPHEM). To provide a virtual library of up-to-date bilingual (English and Arabic) training material, accessible to the network through a collaborative electronic workspace.	Public health mitigation	1 January 2013, 24 months, <a href="http://medi Piet.eu/">http://medi Piet.eu/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/68/Project-32-Establishment-of-a-Mediterranean-Programme-for-Intervention-Epidemiology-Training-MediPIET.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/68/Project-32-Establishment-of-a-Mediterranean-Programme-for-Intervention-Epidemiology-Training-MediPIET.aspx</a>

## Switzerland

**Type: State**

1540 Committee assistance provider

**Description:**

Switzerland is willing to assist other states through capacity building in particular in areas of relevant experience.<sup>108</sup>

**Overview:**

'Switzerland is notably active in the framework of the Chemical Weapons Convention, where it provides, for example, a computerized tool for declaration purposes, as well as the respective training to other States parties. Switzerland is also active in offering nuclear, biological and chemical protection capacity-building.<sup>109</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Reto Wollenmann Political Affairs Officer, Deputy Head Task Force Nuclear Disarmament and Non-Proliferation Division for Security Policy

Lt Col GS Frédéric Tissot-Daguette, Military Adviser/Counsellor Permanent Mission of Switzerland to the United Nations

Dr Pierre Von Arx, Diplomatic Counsellor, Permanent Mission of Switzerland to the OSCE, the UN and the International Organisations in Vienna

Tel: +41-31-322-8487

Fax: +41-79-334-3006

Email: reto.wollenmann@eda.admin.ch

*CWC National Authority/contact person:*

Ms Daniela Schneider; Head

Tel: +41 58 464 6266

Fax: +41 31 324 3839

Email: daniela.c.schneider@eda.admin.ch, pd-asp-abruestung@eda.admin.ch

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Namibia	OPCW	Mentorship/ Partnership Programme	Switzerland (mentor) participated in an assistance and capacity-building programme with Namibia (mentee) in the framework of the OPCW Mentorship Programme, which aims to improve implementation of the CWC.	Assistance and capacity building	February 2016, Namibian delegation to Switzerland; August 2016, Swiss delegation to Namibia	Communication from Directorate of Political Affairs to ISS, 26 September 2016
French- speaking African states	OPCW	Basic Assistance and Protection Course	Course was held for 28 first responders in city of Stans	Training	22–26 February 2016, Stans	Communication from Directorate of Political Affairs to ISS, 26 September 2016
Worldwide	CPWC	Chemical Weapons Courses and Associate Programme	Continues to offer a wide range of courses both in Switzerland and abroad, including assistance	Courses	Previous courses include 2014 Central Africa, 2009/2010 Western Africa, 2010 Senegal, ongoing	Presentation: Swiss Offer under Article X, International Relations Defence, 8 February 2016

## United Kingdom of Great Britain and Northern Ireland

**Type: State**

1540 Committee assistance provider

**Description:**

The UK is willing to consider specific requests from states lacking the legal and regulatory infrastructure, implementation experience and/or resources to fulfil UNSCR 1540 provisions.<sup>110</sup>

**Overview:**

'The UK is fully committed to the work of the 1540 Committee in ensuring global implementation of this resolution, including – where appropriate – through providing assistance or advice to others. Bilaterally, the UK works with a range of partners to prevent illicit trafficking in nuclear, chemical or biological weapons and related materials, and their means of delivery. Where appropriate, the UK provides technical assistance to other States. The UK is active in the various law enforcement expert meetings of the proliferation control regimes, disseminating trend information and case studies, and discussing lessons learned and identified best practice. The UK also provides funding to non-governmental organisations to produce assistance tools, such as the National Legislation Implementation Kit, to secure full implementation of Resolution 1540 ... [It] also has an active export control outreach programme through the EU CBRN Centres of Excellence initiative ... contributes to the IAEA Nuclear Security Fund ... [and] continues to provide advice on CWC and BTWC implementation to a range of States Party and potential States Party, either bilaterally or in conjunction with the OPCW Technical Secretariat to promote full and effective delivery of convention provisions, improved industry verification, transparency and better national capabilities to respond to and mitigate the use or threat of use of CW or BTW.<sup>111</sup> The UK has three main assistance programmes that support UNSCR 1540 implementation: 1) Global Threat Reduction Programme; 2) International Biological Security Programme; and 3) Counter Proliferation Programme.<sup>112</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Luke Bailey, Counter Proliferation Department,  
Directorate for Defence and International Security, Foreign and Commonwealth Office  
Tel: +44 (0) 20 7008 4667

Email: luke.bailey@fco.gov.uk

Mr Jonathan Dowdall, 1540 Committee Representative,  
Political Counter Terrorism and Counter-Proliferation, Permanent Mission of UK to UN  
Tel: 212-745-9270

Email: jonathan.dowdall@fco.gov.uk

*CWC National Authority/contact person:*

Mr John Foggo, Head, UK National Authority

Tel: +44 (0)300 068 5931

Mobile: +44 (0)77 8856 6874

Email: john.foggo@decc.gsi.gov.uk

*BWC National Focal Point: Yes*

*Other point of contact:*

Mr Chris Hayes, Counter Proliferation Department, Foreign and Commonwealth Office

Tel: +44(0)20 7008 5241

Email: Chris.hayes@fco.gov.uk

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide, workshop currently in Ghana	CNS, AFRICISIS	Global Threat Reduction Programme	'Provides financial and expert assistance to strengthen nuclear and radiological security worldwide. It supports a range of activities, including improving physical protection of nuclear facilities, strengthening nuclear security culture, combating nuclear smuggling and disposing of sensitive material.'	Capacity development, workshops	Ongoing, details: <a href="http://www.gov.uk/government/publications/report-on-uk-international-chemical-biological-radiological-and-nuclear-cbrn-security-assistance-programmes">www.gov.uk/government/publications/report-on-uk-international-chemical-biological-radiological-and-nuclear-cbrn-security-assistance-programmes</a>	Communication from UK Directorate for Defence and International Security to ISS, 7 July 2016

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	UK Ministry of Defence	International Biological Security Programme	'Seeks to improve international biosecurity. It provides support in regions with a previous history of biological weapons programmes or concerns, a continuing need to work on dangerous pathogens, poor biosecurity and biosafety and a potential risk that terrorists might seek to acquire or develop biological weapons ... including response to the Ebola outbreak.'	Support	Ongoing, details: <a href="http://www.gov.uk/government/publications/report-on-uk-international-chemical-biological-radiological-and-nuclear-cbrn-security-assistance-programmes">www.gov.uk/government/publications/report-on-uk-international-chemical-biological-radiological-and-nuclear-cbrn-security-assistance-programmes</a>	Communication from UK Directorate for Defence and International Security to ISS, 7 July 2016
Worldwide	UK Foreign and Commonwealth Office	Counter Proliferation Programme	'Funds projects in support of the UK's counter proliferation objectives, including to support the universal and full implementation of international non-proliferation instruments. It is currently funding VERTIC to provide legislative assistance to support implementation of the BTWC and CWC.'	Legislative, other assistance	Ongoing, details: <a href="http://www.gov.uk/government/world-location-news/fco-counter-proliferation-programme-2016-2017-accepts-bids-in-russia">www.gov.uk/government/world-location-news/fco-counter-proliferation-programme-2016-2017-accepts-bids-in-russia</a>	Communication from UK Directorate for Defence and International Security to ISS, 7 July 2016
Worldwide	VERTIC	Legislative Assistance	Provides cost-free assistance to states for implementation of CBRN treaties and related legal instruments.		Ongoing	UNOG, BWC assistance and cooperation database, <a href="http://unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf">unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf</a>
Worldwide		Biosafety and Biosecurity Training Courses	Courses in areas of biosafety and biocontainment training; microbiological isolation and characterisation; identification and isolation of release agents; bacterial and viral pathogenesis and diagnostic methods; molecular biology; and customised courses as requested.	Courses and training	Ongoing	UNOG, BWC assistance and cooperation database, <a href="http://unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf">unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf</a>
Middle East and North Africa	OIE	Support to the OIE-PVS tool for the Evaluation of Performance of Veterinary Services (OIE-PVS tool)	Assessment of in country veterinary services.	Biological	2011–12	Global Partnership Working Group Consolidated Report Data 2012 Annex

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Middle East and North Africa	OIE	Rift Valley fever workshop: regional network to address diagnosis and control	Support disease-specific workshop.	Biological	2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
Middle East and North Africa	US Department of State	Contribution to US DoS – MENA infectious diseases/ biosecurity workshop	In-country capacity building in public health, biosafety and security, disease surveillance and outbreak response.	Biological	6 January 2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
Middle East and North Africa	US Department of State	Contribution to US DoS Scientists engagement/ training – Training courses on modern diagnostic techniques	Follow-on diagnostics training by Jordan University of Science and Technology for scientists from priority countries. Promote improved biosafety and biosecurity and build capacity in disease control, surveillance and training in modern diagnostics.	Biological	2011–12	Global Partnership Working Group Consolidated Report Data 2012 Annex



## United States of America

**Type: State**

1540 Committee assistance provider  
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

'Through various US assistance programs, the United States works with countries globally to develop legal and regulatory infrastructure, implementation experience, and/or resources to fulfill the provisions outlined in the resolution through bilateral programs and as an active participant in multilateral programs.'<sup>113</sup>

**Overview:**

The US provides assistance in the following subject areas: financial crimes and money laundering (assisting with legislation and regulation, providing technical and financial sanctions implementation assistance, and instituting international law enforcement academies); WMD materials security and control (working bilaterally and multilaterally to detect, prevent and reverse proliferation of WMD, providing sustainable research opportunities, preventing proliferation, upgrading nuclear material protection and control, eliminating highly enriched uranium, improving security at worldwide sites, and preventing migration of WMD expertise); nuclear (developing and maintaining measures to secure nuclear materials, converting reactors to low enriched uranium, providing training for mid-level law enforcement in nuclear material smuggling, crimes and detection challenges, improving security of weapons-usable material, eliminating nuclear weapon storage sites, enhancing security, safety and control during storage, disposing of surplus weapons grade fissile materials, constructing fossil fuel plants); biological (providing information and assistance related to BWC, redirecting BW, providing threat assessment for terrorism, legislation and regulation drafting assistance, combatting bioterrorism, ensuring the non-proliferation of BW, overseeing possession, use and transfer of agents and toxins); chemical (offering technical assistance, legislation, chemical weapons destruction, engagement in dual-use areas); means of delivery (dismantling offensive arms and transportation means, eliminating motor cases, etc.); export control & border security (ensuring proper controls, customising software, cultivating detailed understanding of control lists, enhancing capabilities to detect, deter, and interdict illicit trafficking, increasing cooperation at seaports).<sup>114</sup>

**Point(s) of contact:**

*Point(s) of contact submitted to the 1540 Committee:*

Mr Richard T Cupitt, PhD, US 1540 Coordinator

Tel: 202-736-4275

Email: cupitrt@state.gov

Mr Tyler S Moselle, Point of Contact at the United States Mission to the United Nations

Tel: 212-415-4228

Email: mosellet@state.gov

*CWC National Authority/contact person:*

Mr Eugene Klimson, National Authority Coordinating Staff

Tel: +1 202 647 51 65 direct;

Fax: +1 202 647 83 33

Email: NRRC@External.opcw.org, KlimsonE@state.gov

*BWC National Focal Point: Yes*

*Other points of contact:*

Mr Thomas E. Brown, Assistant US 1540 Coordinator

Tel: 202-736-7075

Email: brownTE2@state.gov

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	USDA	Interagency International Food Defence Outreach	Focuses on preventative measures taken to protect the food supply from intentional contamination by chemical, biological or radiological agents that are unlikely to be naturally present.	Biorisk Management	Ongoing	UNOG, BWC assistance and cooperation database, www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf
Worldwide	Centres for Disease Control and Prevention	Global Disease Detection Programme	Detection and verification of international disease and threats; operational support and field teams. Training in field epidemiology and lab methods; assistance with preparedness; improved laboratory systems.	Disease surveillance, capacity building	Ongoing	UNOG, BWC assistance and cooperation database, www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	James Martin Centre for Non-Proliferation Studies, EU	Project 10: development of e-learning courses for CBRN risk mitigation	To raise awareness among public entities, academia, the scientific community, the private sector and civil society in general on CBRN issues. To produce an e-learning course on basic and sensitive knowledge of CBRN-related issues.	E-tool, course, training	1 January 2013, 24 months, tool available online: <a href="http://cncourseware.com">cncourseware.com</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/55/Project-10-Development-of-e-learning-courses-for-CBRN-risk-mitigation.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/55/Project-10-Development-of-e-learning-courses-for-CBRN-risk-mitigation.aspx</a>
45 states, including Algeria, Côte d'Ivoire, DRC, Gabon, Ghana, Liberia, Libya, Mauritania, Morocco, Rwanda, Senegal, Seychelles, Togo, Tunisia, Uganda, Zambia	Battelle Memorial Institute, US	Project 19: development of procedures and guidelines to create and improve secure information management system and data exchange mechanisms for CBRN materials under regulatory control	Aimed at reinforcing national capabilities for secure information management and data exchange on CBRN materials under regulatory control, establishing an expert team consisting of leading specialists from both the public and private sectors. Included: Algeria, Côte d'Ivoire, DRC, Gabon, Ghana, Kenya, Liberia, Libya, Mauritania, Morocco, Rwanda, Senegal, Seychelles, Tunisia, Uganda, Zambia.	Data exchange, crisis management	3 January 2013, 24 months	EU CoE, Projects, <a href="http://cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/133/Project-19-Development-of-procedures-and-guidelines-to-create-and-improve-secure-information-management-system-and-data-exchange-mechanisms-for-CBRN-materials-under-regulatory-control-.aspx">cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/133/Project-19-Development-of-procedures-and-guidelines-to-create-and-improve-secure-information-management-system-and-data-exchange-mechanisms-for-CBRN-materials-under-regulatory-control-.aspx</a>
Worldwide	WHO, IHR, OIE, FAO, US Department of Defense	Cooperative Biological Engagement Programme (BEP)	Provides assistance with: bio-surveillance (strengthening public health and veterinary systems); biosafety and biosecurity (secure facilities, risk assessments, expertise); and cooperative biological research.	Research, building capacity for biosafety and biosecurity	Ongoing	UNOG, BWC assistance and cooperation database, <a href="http://www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf">www.unog.ch/80256EDD006B8954/(httpAssets)/394EF614BC9C8616C1257FF5004DB6E5/\$file/Table_assistance+offers_100716.pdf</a>
Worldwide	US Department of Defense	Threat Reduction Engagement (TREP)	Bilateral defence consultations, multilateral regional exchanges, bilateral cooperative planning conferences, security working groups, exchange visits, sponsorship of tabletop exercises and field exercises, workshops, and training that supports and advances CTR mission areas.	Assistance capacity building, workshops	June 2002 – September 2011, US\$60 million	Global Partnership Working Group Consolidated Report Data 2012 Annex

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	US Department of Defense	Regional Security Engagement Program (RSEP)	Designed to build partner capacity with regard to Combatting WMD and Combatting Terrorism. RSEP's two main vehicles for engagement are the Seminar on Combating WMD and Terrorism and the Regional Combating WMD Symposium.	Seminars and Symposiums on CBRN and related	Ongoing, began in 2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
Worldwide	US Department of Defense	DoD Armed Forces Health Surveillance Center – Global Surveillance for Emerging Infectious Diseases	Surveillance of the following priorities: antimicrobial resistant organisms (ARO), respiratory infections, gastrointestinal infections (GI), sexually transmitted infections (STI), febrile and vector-borne infections (FVBI), malaria and malaria drug resistance, training and capacity building	Biological	2002–2011	Global Partnership Working Group Consolidated Report Data 2012 Annex
Middle East and North Africa/sub-Saharan Africa	US Department of Defense	The Preventing Nuclear Smuggling Program (PNSP)	Addresses critical gaps in the capabilities of partner nations to counter smuggling of nuclear and radiological materials, including by leveraging funding from foreign partners to fund counter nuclear smuggling projects where such funding is available.	Nuclear / radiological	2010–present	Global Partnership Working Group Consolidated Report Data 2012 Annex
Middle East and North Africa	US Department of Defense	Chemical Security Engagement (CSP)	CSP provides training, travel grants and technical assistance to engage chemical scientists and engineers from the academic, industrial and public sectors with the goal of improving chemical security and safety best practices and raising threat awareness. CSP also facilitates the sharing of best practices to strengthen the regulation of chemicals of security concern.	Chemical	June 2010 – September 2012	Global Partnership Working Group Consolidated Report Data 2012 Annex

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Middle East and North Africa/sub- Saharan Africa	US Department of Defense	Partnership for Nuclear Security (PNS)	PNS seeks to raise the awareness of the global nuclear technical community regarding nuclear security, develop cooperative projects to promote technical cooperation, and enhance nuclear security and related safety best practices at civil nuclear facilities.	Nuclear / radiological	June 2010 – September 2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
Libya	US Department of Defense	Nonproliferation and Disarmament Fund (NDF) – Libyan Threat Reduction	A project to eliminate conventional weapons systems in Libya in excess of defence requirements, remove or destroy WMD- related items, weapons, or delivery systems, and to secure weapons stockpiles, WMD- related sites, and secure and improve border crossings.	Conventional weapon destruction	October 2011 –present, US\$34 million	Global Partnership Working Group Consolidated Report Data 2012 Annex
Libya	OPCW	Nonproliferation and Disarmament Fund (NDF) – Chemical Weapons Destruction Efforts	A project to assist Libya eliminated its remaining stockpile of chemical weapons.	Chemical	June 2006 – June 2012, US\$25 million	Global Partnership Working Group Consolidated Report Data 2012 Annex
Libya		Nonproliferation and Disarmament Fund (NDF) – Export Control and Border Security activities	A project to assist Libya in developing an up- to-date export control and border security infrastructure.	Border security	September 2004 –present	Global Partnership Working Group Consolidated Report Data 2012 Annex
South Africa	USDA – Agricultural Research Service (ARS) and Agricultural Research Council, South Africa	'Evaluation and standardization of Rift Valley fever (RVF) diagnostic assays and vaccine control strategies'	ARS is conducting collaborative research with partners in South Africa to study and develop control methods for vectors that transmit RVF.	Biological	1 May 2011 – 30 September 2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
South Africa	USDA – Agricultural Research Service (ARS) and Agricultural Research Council, South Africa	Foot-and- Mouth Disease Virus (FMDV) countermeasures discovery	To identify FMDV antigenic epitopes and improve the infectious cDNA technology to produce recombinant FMDV with advanced biological properties and antigenic coverage as seed viruses in the production of inactivated vaccine antigens.	Biological	1 June 2010 – 31 May 2015	Global Partnership Working Group Consolidated Report Data 2012 Annex

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	US Department of Homeland Security	Domestic Nuclear Detection Office technical exchanges	Supports bilateral and multilateral engagement efforts to work with partner countries to enhance their capacity to develop nuclear detection architectures.	Nuclear / radiological	October 2007 – September 2011	Global Partnership Working Group Consolidated Report Data 2012 Annex
Africa	IAEA	Global Threat Reduction Initiative (GTRI)	Planned conversion of research reactors from HEU to LEU in Ghana and Nigeria, remove excess and unwanted sealed radioactive sources and vulnerable nuclear material, protect nuclear and radiological buildings.	Other	October 2005 – September 2011	Global Partnership Working Group Consolidated Report Data 2012 Annex
South Africa		International Nuclear Safeguards and Engagement Program (INSEP): Safeguards cooperation with South Africa	Safeguards cooperation with South Africa includes three large technical projects, as well as training, in nuclear material accountancy.	Safeguards assistance	June 2006 –September 2011, US\$3 million	Global Partnership Working Group Consolidated Report Data 2012 Annex
North Africa		INSEP Safeguards cooperation with Algeria, Morocco, Libya, Tunisia, Egypt, and the region	Safeguards cooperation with North Africa has focused on workshops, training and equipment transfers to strengthen safeguards infrastructure development.	Safeguards assistance	2006 – September 2011, US\$7.3 million	Global Partnership Working Group Consolidated Report Data 2012 Annex
Middle East and North Africa/sub-Saharan Africa		Second Line of Defense (SLD) program	Strengthens the capability of foreign governments to deter, detect and interdict illicit trafficking in nuclear and other radioactive materials across international borders and through the global maritime shipping system.	Nuclear and radioactive material security	October 2002 –September 2011	Global Partnership Working Group Consolidated Report Data 2012 Annex
Worldwide	US Nuclear Regulatory Commission	Enhancing Regulatory Oversight of Operating Nuclear Power Plants (post-Fukushima Nuclear Safety Action Plan)	Work with international regulatory counterparts to incorporate lessons learned from the Fukushima nuclear power plant accident into ongoing or planned regulatory oversight activities.	Nuclear	March 2011 to present	Global Partnership Working Group Consolidated Report Data 2012 Annex
Worldwide	US Nuclear Regulatory Commission	Regulatory Capacity Building for New Nuclear Power Plants	Work with international regulatory counterparts of countries considering a nuclear power programme to develop the basic regulatory infrastructure needed for oversight of such a programme.	Nuclear	April 2008 to present	Global Partnership Working Group Consolidated Report Data 2012 Annex

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	US Nuclear Regulatory Commission	Support for IAEA-Sponsored Code of Conduct on the Safety and Security of Radioactive Sources	Support nuclear safety and security regulatory counterparts to both adopt and implement key provisions of the Code of Conduct (including, for example, development of a national registry of radioactive sources).	Radiological	May 2002 to present	Global Partnership Working Group Consolidated Report Data 2012 Annex
Sub-Saharan Africa	PATH, US Health and Human Services	Technical capabilities supporting influenza vaccine manufacturing in developing countries.	BARDA provided five sets of grants totalling US\$15.1 million to support vaccine adjuvant technology transfer, biomanufacturing workforce training, and clinical trial capacity development to developing country influenza vaccine manufacturers.	Public health	September 2009 – September 2011, US\$15 million	Global Partnership Working Group Consolidated Report Data 2012 Annex
Sub-Saharan Africa	WHO/AFRO, USAID	Integrated Disease Surveillance and Response (IDSR)	Comprehensive regional framework for strengthening national public health surveillance and response systems in sub-Saharan Africa. IDSR aims to improve the availability and use of surveillance and laboratory data for the timely detection of and response to leading causes of death in the region and is the WHO/ AFRO strategy for meeting IHR (2005). 46 WHO-AFRO member states.	Biosecurity	Since 1998	Global Partnership Working Group Consolidated Report Data 2012 Annex
35 countries in Asia and Africa	IFRC, USAID	Humanitarian Pandemic Preparedness (H2P) Programme	H2P was designed to support the development of influenza pandemic preparedness plans and protocols for communities in the areas of health, food security and livelihoods in those countries most vulnerable to a pandemic influenza outbreak.	Biological	September 2007 – March 2012	Global Partnership Working Group Consolidated Report Data 2012 Annex

# International, regional and subregional organisations

Biological Weapons Convention Implementation Support Unit (BWC-ISU)						
<b>Type: International, regional and subregional organisations</b> Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)						
<b>Description:</b> Members can access cooperation and assistance under Article X of the BWC. They also can access assistance in the case of alleged use of biological weapons pursuant to Article VII and cooperation and assistance under Article X of the BWC. <sup>115</sup>						
<b>Overview:</b> As at 27 September 2016, the BWC has reached a 78% membership rate in Africa. States parties are legally obligated to participate in the exchange of equipment, materials, and scientific and technological information regarding biological agents and toxins for peaceful means. The BWC-ISU facilitates capacity building through a database of requests for and offers of assistance. As of 22 September 2016, 61 offers of and 23 requests for assistance have been recorded. Eight states parties (Canada, Cuba, Denmark, France, Germany, Mexico, the UK and the US) and the Australia Group (on behalf of its members) made the 61 offers. They cover a wide range of issues, including capacity building, disease surveillance or biological risk management, among others. African states parties made no offers of assistance. <sup>116</sup>						
<b>Point(s) of contact:</b> <i>Point(s) of contact submitted to the 1540 Committee:</i> Mr Daniel Feakes, Chief of the BWC Implementation Support Unit, United Nations Office for Disarmament Affairs – Geneva Branch Tel: +41 (0)-22-917-2230 Fax: +41-(0)-22-917-0483 Email: dfeakes@unog.ch, bwc@unog.ch <i>Other points of contact:</i> Mr Hermann Alex Lampalzer, Political Affairs Officer Tel: +41 22 917 36 76 Mobile: +41 (0) 766-910-547 Fax: +41 22 917 04 83 Email: hlampalzer@unog.ch Ms Ngoc Phuong van der Blij, Political Affairs Officer Tel: +41 (0) 22 917 22 61 ISU fax: +41 (0) 22 917 0483 Email: bwc@unog.ch						
Specific projects related to Africa/African states						
Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
States parties		National reports on Article X Implementation	States parties submit information on implementation, which is shared online for public reference.	Reports	Ongoing; details: unog.ch/80256E600585943/%28httpPages%29/226CFDF7E6D66BE4C1257AC4004A1FF8?OpenDocument	Communication from BWC ISU to ISS, 26 September 2016

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Developing countries, 18 African states so far	Funded on voluntary basis by states parties	BWC Sponsorship Programme	Helps developing countries participate in meetings of BWC. So far, 18 African states have benefited.	Sponsorship	Ongoing	Communication from BWC ISU to ISS, 26 September 2016
States parties	As at September 2016, 57% of African states	BWC National Contact Points (NCPs)	Established as method to improve implementation efforts – NCPs coordinate national implementation, communicate with other states, prepare submissions and exchange information.	Contact points	Ongoing; established in 2006; details: <a href="http://www.unog.ch/80256EE600585943/(httpPages)/8768CE43B66545F3C1257AC40052EB78?OpenDocument">www.unog.ch/80256EE600585943/(httpPages)/8768CE43B66545F3C1257AC40052EB78?OpenDocument</a>	Communication from BWC ISU to ISS, 26 September 2016
States parties	20 African states have participated	Confidence-building measures	To reduce occurrence of ambiguities, doubts and suspicions, and encourage cooperation in biological activities.	Communication mechanism	Ongoing; details: <a href="http://www.unog.ch/80256EE600585943/(httpPages)/5E2E8E6499843CCBC1257E52003ADED4?OpenDocument">http://www.unog.ch/80256EE600585943/(httpPages)/5E2E8E6499843CCBC1257E52003ADED4?OpenDocument</a>	Communication from BWC ISU to ISS, 26 September 2016



## European Union (EU)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

### Description:

The EU has a number of programmes that support the implementation of CBRN resolutions, treaties and provisions. EU Centres of Excellence (CoE) are a good source for a number of EU-led CBRN projects, including many in Africa.<sup>117</sup> The Joint Research Centre (JRC) has a nuclear research component.<sup>118</sup>

### Overview:

The EU CBRN Risk Mitigation Centres of Excellence Initiative (EU CBRN CoE) was launched in response to the need to strengthen the institutional capacity of countries outside the EU to mitigate CBRN risks. These risks may be created intentionally, accidentally or naturally.<sup>119</sup> The CoE aims to strengthen regional security by increasing local ownership, local expertise and long-term sustainability. It is centred on a worldwide network of local experts and collaborating partners.<sup>120</sup> The EU's JRC has a section focused on nuclear work; its objective is the pursuit of research, knowledge management and training activities with an emphasis on nuclear safety and security.<sup>121</sup>

### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Political Section of the Delegation of the European Union to the United Nations

Tel: 212-401-0137 / 212-292-8610

Email: [delegation-new-york-political@eeas.europa.eu](mailto:delegation-new-york-political@eeas.europa.eu)

*Other points of contact:*<sup>122</sup>

[NonProliferation-Disarm@eeas.europa.eu](mailto:NonProliferation-Disarm@eeas.europa.eu)

Mr Bruno Dupré, European External Action Service (EEAS)

Email: [bruno.dupre@eeas.europa.eu](mailto:bruno.dupre@eeas.europa.eu)

Mr Giorgio Romano, Rule of Law Advisor, Peace and Security Section, EU Delegation to the AU

Email: [Giorgio.ROMANO@eeas.europa.eu](mailto:Giorgio.ROMANO@eeas.europa.eu)

Mr Tristan Simonart, Programme Officer, European Commission Development and Cooperation – EuropAid (DEVCO)

Tel: +32 (0) 2 29 55453

Fax: +32 (0) 2 29 95206

Email: [tristan.simonart@ec.europa.eu](mailto:tristan.simonart@ec.europa.eu)

Mr Michael Thornton, European Commission Joint Research Centre (JRC)

Tel: +390332785371

Fax: +390332785154

Email: [michael.thornton@jrc.ec.europa.eu](mailto:michael.thornton@jrc.ec.europa.eu); [cbrn-coe@jrc.ec.europa.eu](mailto:cbrn-coe@jrc.ec.europa.eu)

Ms Marian de Bruijn, Security Governance/Counter-Terrorism Laboratory, UN International Crime and Justice Research Institute (UNICRI)

Tel: +39 011 6537 127

Email: [debruijn@unicri.it](mailto:debruijn@unicri.it)

*BWC National Focal Point: Yes*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	UNICRI	EU CBRN CoE	A framework providing for cooperation and coordination on CBRN legal, regulatory, enforcement and technical issues between all levels of government and international partners.	Initiative, global network	Ongoing, with regional coordination in Africa, projects found on website	EU CBRN CoE, <a href="http://www.cbrn-coe.eu">www.cbrn-coe.eu</a>
Sub-Saharan Africa	Bernhard-Nocht-Institut Fur Tropenmedizin	Establishment of Mobile Laboratories for Pathogens for Risk Group 4 in combination with CBRN Capacity Building in sub-Saharan Africa	Implementation of two units of mobile labs to be used to perform diagnosis of up to group 4 infectious agents in sub-Saharan Africa and one 'stand-by' unit based in EU for training purposes and to be deployed in other countries outside the EU where these agents are endemic or outbreaks occur.	Biological security assistance	2011–2015, EUR3.5 million	Global Partnership Working Group Consolidated Report Data 2012 Annex

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
DRC		Border monitoring activities	To counter nuclear and radiation terrorism threat. Improvement of the technical and organisational measures for detection of nuclear and radioactive materials (NRM) illicit trafficking, including training and establishment of an expert network.	Nuclear and radiological security assistance	2012	Global Partnership Working Group Consolidated Report Data 2012 Annex
24 states, including Algeria, Gabon, Libya, Mauritania, Morocco, Tunisia	University of Insubria Centre on International Security, Italy, EU	Project 3: knowledge development and transfer of best practice on biosafety/biosecurity/biorisk management	To promote sustainable knowledge development on biosafety, biosecurity and biorisk management and transfer of best practice through a 'train the trainers' model. To promote regional collaboration and standards in biosafety and biosecurity.	Training, knowledge transfer	1 January 2013, 24 months, EU CoE, website: <a href="http://icis-uninsubria.eu/index.php/programs/eu-cbrn-coe-project-3-knowledge-development-and-transfer-of-best-practice-on-biosafety-biosecurity-biorisk-management/">icis-uninsubria.eu/index.php/programs/eu-cbrn-coe-project-3-knowledge-development-and-transfer-of-best-practice-on-biosafety-biosecurity-biorisk-management/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/47/Project-3-Knowledge-development-and-transfer-of-best-practice-on-biosafetybiosecuritybiorisk-management.aspx">http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/47/Project-3-Knowledge-development-and-transfer-of-best-practice-on-biosafetybiosecuritybiorisk-management.aspx</a>
15 countries, including Algeria, Equatorial Guinea, Guinea, Gabon, Mauritania, Morocco, Senegal, Tunisia	German Office of Economics and Export Control (BAFA), EU	Project 5: knowledge development and transfer of best practice on CBRN import/export monitoring	'To reinforce partner countries' capacities in the field of import/export control through the development of dedicated procedures and guidelines to deter illegal trans-boundary shipments of CBRN hazardous materials, at both national and regional level.'	Knowledge transfer, capacity building	2013–2015, through the EU CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/51/Project-5-Knowledge-development-and-transfer-of-best-practice-on-CBRN-importexport-monitoring.aspx">http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/51/Project-5-Knowledge-development-and-transfer-of-best-practice-on-CBRN-importexport-monitoring.aspx</a>
Worldwide	James Martin Centre for Non-Proliferation Studies, US	Project 10: development of e-learning courses for CBRN risk mitigation	To raise awareness among public entities, academia, the scientific community, the private sector and civil society in general on CBRN issues. To produce an e-learning course on basic and sensitive knowledge of CBRN-related issues.	E-tool, course, training	1 January 2013, 24 months, tool available online: <a href="http://cncourseware.com">cncourseware.com</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/55/Project-10-Development-of-e-learning-courses-for-CBRN-risk-mitigation.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/55/Project-10-Development-of-e-learning-courses-for-CBRN-risk-mitigation.aspx</a>
11 countries, including Algeria, Morocco	National Coordinator for Counter-terrorism and Security (NCTV)	Project 11: promoting good practice and inter-agency procedures for assessing the risks of chemical, biological, radiological and nuclear misuse	To strengthen public security by upgrading partner countries' capabilities and methodologies to comprehensively assess the risks of terrorism and misuse involving chemical, biological, radiological and nuclear materials and technologies.	Inter-agency cooperation, risk assessment	1 January 2013, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/56/Project-11-Promoting-good-practice-and-inter-agency-procedures-for-assessing-the-risks-of-chemical-biological-radiological-and-nuclear-misuse.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/56/Project-11-Promoting-good-practice-and-inter-agency-procedures-for-assessing-the-risks-of-chemical-biological-radiological-and-nuclear-misuse.aspx</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Burundi, DRC, Ethiopia, Kenya, Rwanda, Seychelles, South Sudan, Tanzania, the Republic of Congo, Uganda, Zambia	ENEA (Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile) Italy	Project 13: capacity building and raising awareness for identifying and responding to threats from CBRN materials in sub-Saharan African countries	To improve understanding of the risks posed by CBRN materials if they are not properly managed in the country at borders, airports, and seaports, in order to raise the awareness of countries regarding these issues. To enhance partner countries' capacity in combatting illicit trafficking.	National strategy, cooperation	2013, two years, EU CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/59/Project-13-Capacity-building-and-raising-awareness-for-identifying-and-responding-to-threats-from-chemical-biological-radiological-and-nuclear-materials-in-Sub-Saharan-African-countries.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/59/ Project-13-Capacity- building-and-raising- awareness-for- identifying-and- responding-to-threats- from-chemical- biological-radiological- and-nuclear-materials- in-Sub-Saharan- African-countries.aspx</a>
Algeria, Morocco, Tunisia	Belgian Nuclear Research Centre (SCK-CEN), EU	Project 16: supporting the development of an integrated national nuclear system	The project helped with national response plans for potential radiological and nuclear incidents, national strategies to combat illicit trafficking of radiological and nuclear materials.	Capacity development	2013 for two years through EU CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/135/Project-16-Supporting-development-of-an-integrated-national-nuclear-security-system.aspx">http://www. cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/135/Project- 16-Supporting- development-of-an- integrated-national- nuclear-security- system.aspx</a>
Ghana, Kenya	Government Chemist Department Kenya	Project 17: establishing a national response plan (NRP) in Ghana and Kenya for responding to unauthorised events involving CBRN materials	The project is aimed at providing technical support to develop a CBRN NRP for unauthorised events involving such materials. Assistance and guidance to states to implement or develop the NRP.	National Response Plan	15 May 2013, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/134/Project-17-Establishing-a-National-Response-Plan-in-Ghana-and-Kenya-for-responding-to-unauthorised-events-involving-chemical-biological-radiological-and-nuclear-CBRN-materials-.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/134/Project- 17-Establishing-a- National-Response- Plan-in-Ghana-and- Kenya-for-responding- to-unauthorised- events-involving- chemical-biological- radiological-and- nuclear-CBRN- materials-.aspx</a>
22 states, including Algeria, Burkina Faso, Egypt, Mali, Mauritania, Morocco, Tunisia	EU, ENEA Italy	Project 18: network of universities and institutes for raising awareness on dual-use concerns in bio-technology	To raise awareness of dual-use concerns in biotechnology and to foster the sharing and transfer of best practices in biosafety and biosecurity.	Network, best practices	Began in 2013	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/46/Project-18-International-Network-of-universities-and-institutes-for-raising-awareness-on-dual-use-concerns-in-bio-technology.aspx">www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/46/ Project-18- International-Network- of-universities-and- institutes-for-raising- awareness-on-dual- use-concerns-in-bio- technology.aspx</a>

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
45 states, including Algeria, Côte d'Ivoire, DRC, Gabon, Ghana, Liberia, Libya, Mauritania, Morocco, Rwanda, Senegal, Seychelles, Togo, Tunisia, Uganda, Zambia	Battelle Memorial Institute, US	Project 19: development of procedures and guidelines to create and improve secure information management system and data exchange mechanisms for CBRN materials under regulatory control	Aimed at reinforcing national capabilities for secure information management and data exchange on CBRN materials under regulatory control establishing an expert team consisting of leading specialists from both the public and private sectors. Included: Algeria, Côte d'Ivoire, DRC, Gabon, Ghana, Kenya, Liberia, Libya, Mauritania, Morocco, Rwanda, Senegal, Seychelles, Tunisia, Uganda, Zambia.	Data exchange, crisis management	1 March 2013, 24 months	EU CoE, Projects, <a href="http://cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/133/Project-19-Development-of-procedures-and-guidelines-to-create-and-improve-secure-information-management-system-and-data-exchange-mechanisms-for-CBRN-materials-under-regulatory-control.aspx">cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/133/Project-19-Development-of-procedures-and-guidelines-to-create-and-improve-secure-information-management-system-and-data-exchange-mechanisms-for-CBRN-materials-under-regulatory-control.aspx</a>
14 states, including Gabon, Mauritania, Morocco, Senegal	European Commission Joint Research Centre (JRC)	Project 21: building regional border control capacity to identify and detect CRN materials	To develop and strengthen national border control capacity by improving understanding of CRN materials and raising awareness of the risk posed by such materials if they are not properly managed and handled by national authorities at borders. To foster inter-agency cooperation and promote synergies between national border control authorities.	Border control, regional cooperation	1 January 2013, 24 months, EU CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/60/Project-21-Building-regional-border-control-capacity-to-identify-and-detect-CRN-materials.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/60/Project-21-Building-regional-border-control-capacity-to-identify-and-detect-CRN-materials.aspx</a>
Six countries, including Gabon, Morocco, Senegal	Expertise France, EU	Project 22: provision of specialised technical training to enhance first responders' capabilities in case of CBRN incidents	To enhance first responders' capabilities in managing CBRN incidents. To reinforce inter-agency coordination. To define standard operating procedures to respond to CBRN incidents.	Inter-agency coordination, capacity building	17 December 2012, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/61/Project-22-Provision-of-specialised-technical-training-to-enhance-first-responders'-capabilities-in-case-of-CBRN-incidents.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/61/Project-22-Provision-of-specialised-technical-training-to-enhance-first-responders'-capabilities-in-case-of-CBRN-incidents.aspx</a>
Six countries, including Senegal and Tunisia	FIIAPP Spain	Project 23: building capacity to identify and respond to threats from chemical, biological, radiological and nuclear substances	To train staff on international procedures and standards to build capacities for identifying and responding to threats from chemical, biological, radiological and nuclear substances.	Training	2012, two years	EU CoE, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/62/Project-23-Building-capacity-to-identify-and-respond-to-threats-from-chemical-biological-radiological-and-nuclear-substances.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/62/Project-23-Building-capacity-to-identify-and-respond-to-threats-from-chemical-biological-radiological-and-nuclear-substances.aspx</a>

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Mauritania, Morocco, Senegal	Expertise France, EU	Project 24: development of a methodology for RN materials detection, management and protection of the public	To strengthen the security in developing a methodology for radiological and nuclear detection. Develop and manage a system for the detection of RN materials from sensor located in strategic locations.	Safety and Security for radiological and nuclear detection	18 December 2012, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/132/Project-24-Development-of-a-methodology-for-RN-materials-detection-management-and-protection-of-the-public.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/132/Project-24-Development-of-a-methodology-for-RN-materials-detection-management-and-protection-of-the-public.aspx</a>
Two countries, including Tunisia	Expertise France, EU	Project 26: prerequisite to strengthening CBRN national legal frameworks	The project is aimed at strengthening and enhancing the CBRN national legal framework in both countries through the provision of legal support.	Legal assistance	17 December 2012, 24 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/130/Project-26-Prerequisite-to-strengthening-CBRN-national-legal-frameworks.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/130/Project-26-Prerequisite-to-strengthening-CBRN-national-legal-frameworks.aspx</a>
36 countries, including Algeria, Burkina Faso, Egypt, Libya, Mali, Mauritania, Morocco, Tunisia	EU, ENEA Italy	Project 31: network of universities and institutes for raising awareness on dual-use concerns of chemical materials	To develop a network of institutions to enforce culture of chemical safety and security; to raise awareness on dual-use concerns; to foster the exchange of information	Network, best practices	Began in 2012, two-year project, EU CoE, more information: <a href="http://www.ifs-cbrn-coe.enea.it/CBRN/Home_p31.htm">www.ifs-cbrn-coe.enea.it/CBRN/Home_p31.htm</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/67/Project-31-Network-of-universities-and-institutes-for-raising-awareness-on-dual-use-concerns-of-chemical-materials.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/67/Project-31-Network-of-universities-and-institutes-for-raising-awareness-on-dual-use-concerns-of-chemical-materials.aspx</a>
17 countries, including Algeria, Egypt, Libya, Morocco, Tunisia	European Centre for Disease Prevention and Control (ECDC), Sweden	Project 32: establishment of the Mediterranean Programme for Intervention Epidemiology Training (MediPIET)	To start up a regional training programme aimed at creating a public health work force with necessary skills in field/intervention epidemiology to meet present and future national and cross-border challenges of communicable diseases. To create a regional network of field epidemiologists sharing experiences and best practices and easily mobilised in case of cross-border outbreaks and other health threats.	Public health mitigation	1 January 2013, 24 months: <a href="http://medi Piet.eu/">http://medi Piet.eu/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/68/Project-32-Establishment-of-a-Mediterranean-Programme-for-Intervention-Epidemiology-Training-MediPIET.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/68/Project-32-Establishment-of-a-Mediterranean-Programme-for-Intervention-Epidemiology-Training-MediPIET.aspx</a>
Burundi, DRC, Gabon, Kenya, Mauritania, Morocco, Rwanda, Senegal, Uganda	Expertise France, EU	Project 33: strengthening the national CBRN legal framework and provision of specialised and technical training to enhance CBRN preparedness and response capabilities	To identify needs of and gaps in the legal systems and encourage compliance with international obligations for CBRN risk mitigation. To provide capacity building, testing and training for the different agencies and services involved in CBRN preparedness and response.	Capacity building, training, testing	15 September 2013, 36 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/69/Project-33-Strengthening-the-national-CBRN-legal-framework-and-provision-of-specialised-and-technical-training-to-enhance-CBRN-preparedness-and-response-capabilities.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/69/Project-33-Strengthening-the-national-CBRN-legal-framework-and-provision-of-specialised-and-technical-training-to-enhance-CBRN-preparedness-and-response-capabilities.aspx</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Côte d'Ivoire, Gabon, Liberia, Mauritania, Morocco, Senegal, Togo, Tunisia	FIIAPP Spain	Project 35: management of hazardous chemical and biological waste in North and West Africa	To enhance best practices in hazardous chemicals and biological waste management; to build capacity for laboratory staff with respect to measuring and testing chemical and biological waste components.	Training	1 January 2014, 42 months, more information: cbrncoe35.eu/	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/71/Project- 35-Management-of- hazardous-chemical- and-biological-waste- in-North-and-West- Africa.aspx
9 countries, including Algeria and Tunisia	FIIAPP Spain	Project 36: further development and consolidation of the Mediterranean Programme for Intervention Epidemiology Training (MediPIET)	To consolidate a competent public health workforce in field epidemiology capable of facing national and cross-border emergencies posed by communicable diseases. To support the creation of regional networks.	Network, public health	2014, four years, more information: http://medi Piet.eu/ the-project/	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/72/ Project-36-Further- development-and- consolidation-of- the-Mediterranean- Programme-for- Intervention- Epidemiology-Training- MediPIET.aspx
18 countries, including Algeria, Egypt, Morocco, Tunisia	IP, EU, France	Project 37: MEDILA- BSECURE – establishment of networks of human and animal virology laboratories and medical entomology	To create a framework for collaboration on reference laboratories issues to improve communicable diseases surveillance and communication, and provide training for public health experts in the participating countries. It will build on the results of the EpiSouth-Plus project.	Public health, collaboration framework	6 January 2014, 48 months, more information: ww.medilab secure.com	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/127/ Project-37-IfS- MEDILABSECURE-- --Establishment-of- networks-of-human- and-animal-virology- laboratories-and-of- medical-entomology. aspx
12 countries, including Algeria	WHO	Project 39: strengthening health security at ports, airports and ground crossings	Enhancing and strengthening capacities for prevention, detection, control and response to public health event- related activities at points of entry and international travel and transport. Technical guidance and tools, increasing knowledge sharing, international collaboration, and assisting countries' multi- sectorial approach to biosafety and biosecurity.	Capacity building, knowledge sharing	26 July 2013, 24 months, more information: extranet.who.int/ pagnet/	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/75/Project- 39-Strengthening- health-security-at- ports-airports-and- ground-crossings.aspx
18 countries, including Egypt, Morocco, Somalia, Sudan, Tunisia	WHO	Project 40: strengthening health laboratories to minimise potential biological risks	To minimise biological risks by enhancing laboratory biosafety, biosecurity, quality management and diagnostic capacity. To enhance the ability of partner countries to safely and rapidly detect and respond to biological events.	Capacity building, mitigation	1 January 2014, for 36 months, more information: extranet.who.int/ hslp/training/	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMID/543/ ArticleID/76/Project- 40-Strengthening- health-laboratories- to-minimise-potential- biological-risks.aspx

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Benin, Cameroon, Côte d'Ivoire, Gabon, Liberia, Mauritania, Morocco, Nigeria, Senegal, Togo	Expertise France, EU	Project 41: high-risk chemical facilities and chemical risk mitigation in West Africa	To enhance hazard management to prevent the occurrence of high- risk chemical accidents inside and around chemical installations. To support rapid and appropriate response in case of chemical accident to limit the impact on public health and the environment.	Public health, crisis management, capacity building	1 January 2015, for 36 months, more information: cbrncoe41.eu	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/77/ Project-41-High-risk- chemical-facilities- and-chemical-risk- mitigation-in-West- Africa.aspx
Burundi, DRC, Ghana, Kenya, Rwanda, Seychelles, Tanzania Zambia	Gesellschaft für Anlagen und Reaktorsicherheit (GRS), Germany	Project 42: chemical safety and security in Central and Eastern Africa	To enhance national chemical legal framework to prevent occurrence of accidents inside and around chemical installations; to strengthen preparedness and response. The Institute of Industrial Organic Chemistry (IPO, Poland) is involved in particular in: strengthening regional and national capacities with respect to prevention of and preparedness for and response to chemical incidents. It does this through training and education.	Chemical risk management	2015–2018, through the EU CoE	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/78/ Project-42-Chemical- safety-and-security- in-Central-and- Eastern-Africa.aspx and Communication from Poland Security Policy Department to ISS 27 September 2016
19 countries, including Morocco, South Africa, Tunisia	Expertise France, EU	Project 43: EU Outreach Programme 2015–17 on export control of dual-use goods	To contribute to effective export control systems for dual-use items. To reduce the risk of proliferation by strengthening cooperation in the field of export controls, focusing on dual-use materials, equipment and technology.	Import/ export control, dual- use	1 September 2015 for 18 months, CoE	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/79/Project- 43-EU-Outreach- Programme-2015-17- on-export-control-of- dual-use-goods.aspx
Côte d'Ivoire, Guinea, Liberia, Senegal, Sierra Leone	Expertise France, EU	Project 45: establishment of a mobile laboratory for in situ interventions on VHF outbreak sites in combination with CBRN capacity building in West Africa (EUWAM-Lab)	To strengthen the capacity of the countries affected by the 2014 Ebola outbreak to detect and identify infectious diseases. To strengthen cooperation and reinforce the capacity of West Africa partner countries to fight against biological threats.	Public health, capacity building	18 September 2014 for 24 months, CoE	EU CoE, Projects, www.cbrn-coe.eu/ Projects/TabId/130/ ArtMid/543/ ArticleID/80/ Project-45- Establishment-of-a- mobile-laboratory-for- in-situ-interventions- on-VHF-outbreak- sites-in-combination- with-CBRN-capacity- building-in-Wes- t-Africa-EUWAM-Lab. aspx

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Benin, Côte d'Ivoire, Gabon, Liberia, Mauritania, Morocco, Senegal, Togo	Expertise France, EU	Project 48: improved regional management of outbreaks in the CBRN CoE partner countries of the African Atlantic Facade	To improve the regional level of preparedness and response to outbreaks crisis (biological risk mitigation) in the CBRN CoE partner countries belonging to the African Atlantic Façade region and neighbouring countries.	Public health, capacity building	1 January 2016 for 36 months, CoE, more information: <a href="http://cbrncoe48.org">cbrncoe48.org</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/114/Project-48-Improved-regional-management-of-outbreaks-in-the-CBRN-Centres-of-Excellence-Partner-Countries-of-the-African-Atlantic-Facade.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/114/Project-48-Improved-regional-management-of-outbreaks-in-the-CBRN-Centres-of-Excellence-Partner-Countries-of-the-African-Atlantic-Facade.aspx</a>
Algeria, Burkina Faso, Mali, Mauritania, Niger, Tunisia	Expertise France, EU	Project 55: strengthening cross-border capacity for control and detection of CBRN substances	To standardise legislative texts relating to CBRN security according to international standard, to enforce cross-border cooperation, to identify local expertise for the identification of previously detected substances.	Border security, cooperation	1 January 2016 for 36 months, CoE	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/140/Project-55-Strengthening-cross-border-capacity-for-control-and-detection-of-CBRN-substances-.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/140/Project-55-Strengthening-cross-border-capacity-for-control-and-detection-of-CBRN-substances-.aspx</a>
13 states, including Algeria, Burkina Faso, Libya, Mali, Niger, Tunisia		Project 56: addressing regional CBRN risk mitigation needs	N/A	Safety and security, crisis management	36 months	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/141/Project-56-On-Site-Technical-Assistance-2.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMID/543/ArticleID/141/Project-56-On-Site-Technical-Assistance-2.aspx</a>



## Inter-Parliamentary Union (IPU)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

### Description:

The IPU promotes the implementation of Resolution 1540 by: 1) raising awareness of the resolution among parliamentarians; 2) facilitating exchange of best legislative and regulatory practices; and 3) providing technical assistance to strengthen the legislative and oversight capacities of parliaments.<sup>123</sup>

### Overview:

'The IPU [has addressed] directly the issue of UNSCR 1540 implementation since October 2013 when it held a general briefing for parliamentarians during its 129<sup>th</sup> Assembly ... there was very little awareness among parliamentarians of Resolution 1540, and that targeted action was needed at both national and regional levels.' IPU runs regional workshops to evaluate the regional risks around WMDs, to facilitate knowledge transfer, and to engage MPs in cross-border informal networks and individual relationships.<sup>124</sup>

### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Hon. Paddy Torsney, Permanent Observer to the United Nations

Tel: 212-557-5880

Email: pt@ipu.org

*Other points of contact:*

Official requests for assistance from parliaments should be directed to: [postbox@ipu.org](mailto:postbox@ipu.org) or at [www.ipu.org](http://www.ipu.org)

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
African region	IPU, National Assembly of Côte d'Ivoire, financial support from UNODA	Abidjan Seminar	First African regional seminar, which provided the first opportunity for parliamentarians to address UNSCR 1540's complex problems and challenges. Aided with identifying good practices to ensure effective implementation of resolution in Africa.	Seminar	22–23 February 2016, Report: <a href="http://www.ipu.org/pdf/publications/R1540-e.pdf">http://www.ipu.org/pdf/publications/R1540-e.pdf</a>	Communication from IPU to ISS, 20 September 2016
African parliaments		Side event and panel for African states	During 135 <sup>th</sup> IPU Assembly: a side-event for African parliaments following up to the Abidjan seminar to encourage relevant parliaments implementing the recommendations; a panel organised on behalf of the 1 <sup>st</sup> Committee on Comprehensive Disarmament.	Panel and Discussion	23–27 October 2016: <a href="http://www.ipu.org/conf-e/135agnd.htm">http://www.ipu.org/conf-e/135agnd.htm</a>	Communication from IPU to ISS, 20 September 2016
Chad, potentially Mali and Guinea-Bissau		National follow-up from Abidjan seminar	'These countries have not yet submitted their initial report and the 1540 Committee and UNODA are extremely interested in parliamentary action to support submission of the initial reports and implementation.'	Report assistance	TBD	Communication from IPU to ISS, 20 September 2016
African region	UN and IPU partners (tentative)	Handbook/guidance note	Recommendation from Abidjan seminar to draft handbook for parliamentarians in Africa on UNSCR 1540 implementation. Could provide case studies and identify good practices as well as pieces of model legislation covering principal legal systems as reference for MPs.	Publication	Produced in 2016 and 2017 for 137 <sup>th</sup> IPU Assembly	Communication from IPU to ISS, 20 September 2016

## International Atomic Energy Agency (IAEA)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

#### Description:

'The IAEA is the international centre for cooperation in the nuclear field. [It] works with its [168] Member States and multiple partners worldwide to promote the safe, secure and peaceful use of nuclear technologies.'<sup>125</sup> The IAEA also provides legislative assistance to its member states through the Technical Cooperation (TC) Programme.

#### Overview:

The IAEA's work falls into three thematic priorities: 1) peaceful uses of nuclear technology (assisting members with nuclear science and technology for peaceful means and sustainable transfer of knowledge); 2) safety and security (provides a strong and sustainable global nuclear safety and security framework, for protection from ionizing radiation); and 3) non-proliferation (verifies that states are honouring their international obligations to use nuclear science and technology for peaceful means only).<sup>126</sup> 'The IAEA, through its Member States, has been given the mandate (this, among others) to "ensure effective coordination of international activities in the field of nuclear security, while avoiding duplication and overlap, and to increase awareness of IAEA nuclear security activities". IAEA uses Nuclear Security Information Meetings (IEMs) to achieve this objective ... Another valuable tool used by the Agency to help States improve their nuclear security is the Integrated Nuclear Security Support Platform.'<sup>127</sup>

#### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Representation of the Director General to the United Nations and Director of the IAEA New York Office

*Other points of contact:*

Tel: (001) 212-963-6010 or 6011

Fax: (001) 917-367-4046

Email: [iaeany@un.org](mailto:iaeany@un.org)

Nuclear Law Institute

Tel: + 43 (0)1 2600-21502

Fax: + 43 (0)1 2600-29784

Email: [Nuclear-Law-Institute.Contact-Point@iaea.org](mailto:Nuclear-Law-Institute.Contact-Point@iaea.org)

Office of Legal Affairs

Tel: +43 (0)1 2600-21506

Fax: +43 (0)1 2600-29784

Email: [Legislative-Assistance.Contact-Point@iaea.org](mailto:Legislative-Assistance.Contact-Point@iaea.org)

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	States parties to the Assistance Convention	IAEA Response and Assistance Network (RANET)	RANET is a network for providing international assistance, upon request from a state, following a nuclear or radiological incident or emergency.	Network	Ongoing	IAEA, RANET, <a href="http://www-ns.iaea.org/tech-areas/emergency/ranet.asp#1">www-ns.iaea.org/tech-areas/emergency/ranet.asp#1</a>
Worldwide, has African regional focus (AFRA)	African Regional Cooperative Agreement for Research, Development and Training related to Nuclear Science and Technology (AFRA), Technical Cooperation Fund (TCF)	IAEA Technical Cooperation Programme (TC)	The TC Programme provides member states with support in the peaceful use of nuclear science and technology. It is the main mechanism through which the IAEA delivers its services, by providing expertise in fields where nuclear techniques offer advantages over alternative approaches, or where nuclear can be used to supplement conventional means.	Assistance, capacity building, workshops, courses, seminars, materials, visits, fellowships	Ongoing, six AFRA projects planned for 2016–17, all projects must produce tangible socioeconomic benefit, have strong government commitment and support, and provide enabling environment for nuclear technology	IAEA, Technical Cooperation Programme brochure, <a href="http://www.iaea.org/technicalcooperation/documents/Brochures/2013/TC-Brochure.pdf">www.iaea.org/technicalcooperation/documents/Brochures/2013/TC-Brochure.pdf</a> ; AFRA-IAEA, <a href="http://www.afra-iaea.org.dz">www.afra-iaea.org.dz</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Member states		Coordinated Research Projects (CRPs)	IAEA scientific experts invite research institutes in member countries to collaborate on a well-defined topic, to achieve objectives consistent with the IAEA programme of work.	Research, collaboration	Ongoing, CRPs normally have a duration of 3–5 years	IAEA, Nuclear Techniques for Global Development factsheet, <a href="http://www.iaea.org/technicalcooperation/documents/Factsheets/TC-CRP.pdf">www.iaea.org/technicalcooperation/documents/Factsheets/TC-CRP.pdf</a>
Worldwide	FAO, ICAO, ILO, IMO, INTERPOL, OECD NEA, PAHO, CTBTO Preparatory Commission, UNEP, UNOCHA, WHO, WMO	Preparedness and Response for a Nuclear or Radiological Emergency	This publication establishes the requirements for ensuring an adequate level of preparedness and response for a nuclear or radiological emergency, irrespective of its cause.	Publication and committee	Published in 2015, also established the Emergency Preparedness and Response Standards Committee (EPRSC)	IAEA, Annual Report 2015, <a href="http://www.iaea.org/sites/default/files/gc60-9.pdf">www.iaea.org/sites/default/files/gc60-9.pdf</a>
Member states		Nuclear Law Institute (NLI)	Comprehensive course designed to meet the increasing demand by member states for legislative assistance and to enable participants to acquire a solid understanding of all aspects of nuclear law, as well as to draft, amend or review their national nuclear legislation.	Course	Sixth session is scheduled for 10–21 October 2016, Vienna, Austria. For future participation, member states' representatives can register through the IAEA website.	IAEA, Annual Report 2015, <a href="http://www.iaea.org/sites/default/files/gc60-9.pdf">www.iaea.org/sites/default/files/gc60-9.pdf</a>
Member states		Legislative assistance	Nuclear law specialists are at the disposal of member states to assist with: awareness of international instruments in the nuclear field; complying with their international obligations and commitments; and establishing national legal frameworks governing the safe and peaceful uses of nuclear energy.	Legislative and legal assistance	Ongoing, member states can contact the Office of Legal Affairs	IAEA, Our Work, Legislative Assistance, <a href="http://ola.iaea.org/ola/legislative-assistance.html">ola.iaea.org/ola/legislative-assistance.html</a>
Worldwide	OECD Nuclear Energy Agency, University of Montpellier	International School of Nuclear Law (ISNL)	Provides participants with a comprehensive understanding of the various interrelated legal issues relating to the safe, efficient and secure use of nuclear energy. To date, the ISNL has educated 800 graduate students and young professionals from around the world.	Legal education	Next session (21 August – 6 September 2017) application period will open January 2017. Sponsorship is available.	OECD-NEA, ISNL, <a href="http://www.oecd-nea.org/law/isnl/">www.oecd-nea.org/law/isnl/</a>

## International Maritime Organization (IMO)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

#### Description:

The IMO will help member states, by specific request, through its Integrated Technical Co-operation Programme (ITCP), to implement conventions and promote capacity building for the development of their national maritime legislation and maritime policies.<sup>128</sup>

#### Overview:

The IMO developed its ITCP to aid developing countries in their ability to comply with international rules and standards related to maritime safety, focusing on human resources and institutional capacity building. One of the principal goals of the ITCP is meeting the needs of Africa; it gives priority to Africa in resource allocation and takes into account the action plans of NEPAD.<sup>129</sup> '[The] IMO is the repository for the 2005 Convention for the Suppression of Unlawful Acts against the Safety of Maritime Navigation and its associated protocol, [and] is able to provide assistance to IMO Member States on enabling legislation (upon request).'<sup>130</sup>

#### Point(s) of contact:

*Other points of contact:*

Tel: +44 (0)20 7735 7611

Fax: +44 (0)20 7587 3210

Email: info@imo.org

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Coastal African states	State governments	Maritime Rescue Coordination Centres (MRCCs)	The ITCP has assisted in the development of an effective network of five MRCCs; all are fully operational.	Capacity building	Kenya (2006), South Africa (2007), Liberia (2009), Nigeria (2009), Morocco (2011)	IMO, Achievements, <a href="http://www.imo.org/en/OurWork/TechnicalCooperation/ITCP/Pages/Achievements.aspx">http://www.imo.org/en/OurWork/TechnicalCooperation/ITCP/Pages/Achievements.aspx</a>
Africa	State governments	Maritime Rescue Coordination Sub-centres (MRSCs)	The IMO is working on establishing 26 MRSCs and training search and rescue personnel in these centres.	Capacity building and training	Madagascar (2011)	IMO, Achievements, <a href="http://www.imo.org/en/OurWork/TechnicalCooperation/ITCP/Pages/Achievements.aspx">http://www.imo.org/en/OurWork/TechnicalCooperation/ITCP/Pages/Achievements.aspx</a>

## International Monetary Fund (IMF)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

#### Description:

'[The] IMF has expanded its technical assistance on anti-money laundering to include measures to combat the financing of terrorism. While the IMF is not a law enforcement agency, it is contributing to the global efforts to crack down on these two problems.'<sup>131</sup>

#### Overview:

'IMF technical assistance has helped countries that have requested assistance to bolster their financial systems and improve controls to prevent abuse by criminals. A major role of the IMF is to assess the legislation, institutions, and controls that are in place outside criminal law enforcement to see what improvements could be made to close potential loopholes.'<sup>132</sup>

#### Point(s) of contact:

*Other points of contact:*

The General Counsel

International Monetary Fund

700, 19th Street NW

Washington DC 20431

Fax: (1-202) 589.49.33

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Africa	Financial Intelligence Unit officials	Seminar on Strengthening Supervisory Approaches to AML/CFT	Risk-Based Approaches to Anti-Money Laundering and Combating the Financing of Terrorism (AML/CFT) Supervision	Seminars and training	May 2016 in Mauritius for Southern region	IMF, Technical assistance, Combating money laundering and the financing of terrorism, <a href="http://www.imf.org/external/pubs/ft/exrp/techass/techass.htm#terr">www.imf.org/external/pubs/ft/exrp/techass/techass.htm#terr</a>

## INTERPOL

### Type: International, regional and subregional organisations

1540 Committee assistance provider

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

#### Description:

INTERPOL's specialised teams focus on the prevention of three types of terrorism: radiological and nuclear terrorism, chemical and explosives terrorism, and bioterrorism.<sup>133</sup> On request, INTERPOL can provide operational support to its member countries in the form of an Incident Response Team. In the event of a terrorist attack, staff with expertise in CBRNE matters can be deployed in these teams.

#### Overview:

The INTERPOL methodology for countering the threat of CBRNE consists of three main pillars: 1) information sharing and intelligence analysis; 2) capacity building and training; and 3) operational and investigate support. INTERPOL's activities range from data analysis, training workshops and tabletop exercises, to international conferences and on-the-ground operations.<sup>134</sup> In Africa it has national centre bureaus in every country, four regional offices, a maritime security programme, and strong interaction with the AU and AFRIPOL.<sup>135</sup> For information sharing and analytical support on nuclear and radiological terrorism, 'INTERPOL's Project Geiger collates and analyses information regarding incidents of the illicit use of nuclear or radioactive materials, trends and risks. The Project Geiger database combines data from the International Atomic Energy Agency (IAEA) with open-source reports and law enforcement data collected through INTERPOL's channels.'<sup>136</sup> In addition, INTERPOL runs a number of initiatives, projects and operations to support the international law enforcement community in tackling the trafficking of CBRNE materials.

#### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Mr Jeffrey S Muller, Assistance Director, CBRNE Sub-Directorate, Interpol General Secretariat

Tel: +33-(0)-4-37-47-52-82

Email: j.muller@interpol.int

*Other points of contact:*

Mr Ali Rached, Policy Advisor, Counter Terrorism, CBRNE

Tel: +33 4 72 44 66 58

Fax: +33 4 72 44 57 20

Email: a.rached@interpol.int

#### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	US Department of Energy	Radiological and Nuclear Investigation Regional Courses	'Assists in implementing a methodology for effective intelligence-driven, prevention-oriented investigations; [p]romotes cooperation among the different sectors at a national and a regional level in order to develop a coordinated national prevention and response plan.'	Courses	Coming soon	INTERPOL Presentation from AU Review and Assistance Conference on UNSCR 1540 2016; INTERPOL, CBRNE, www.interpol.int/Crime-areas/CBRNE/Radiological-and-nuclear-terrorism
Guinea, Liberia, Mali, Nigeria, Senegal, Sierra Leone	US	Project RHINO	Bioterrorism prevention unit's initiative to address the impact of the Ebola outbreak on the law enforcement community. Includes biosafety curriculum for police colleges to advance law enforcement capability and preparedness in responding to biological incidents.	Bio-security, biosafety and bioterrorism initiative	Held course in Morocco in July 2016 for law enforcement officials	INTERPOL Presentation from AU Review and Assistance Conference on UNSCR 1540 2016

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Ethiopia 2014	IFBA, CORDS (Connecting Organisations for Regional Disease Surveillance)	Operation S3ommet – Safe Secure Surveillance of Microbiological Material and Emerging Technologies	'To better support member countries in ensuring the safety and security of biological materials and emerging technologies. Raising awareness among law enforcement, public health officials, biosafety professionals and academia in regions where it is most needed is a key goal of the project.'	Regional workshop	22–26 September 2014; participants included Cameroon, Nigeria, Ethiopia, Egypt, Kenya, Mozambique, Namibia, South Africa, Tanzania, Uganda, Zambia	Presentation shared by IFBA to ISS, 20 September 2016
Kenya	UNCTITF	Bomb Scene Management and Home Made Explosive Course		Course	April 2016, Nairobi	INTERPOL Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
Worldwide	WCO, UNODC	Programme Global Shield	This programme aims at the prevention of smuggling and illicit diversion of precursor chemicals that could be used to build IEDs. A unique initiative to secure global supply chains and enhance public safety.	Chemical security	Started in November 2010, long-term endeavour, contact: globalshield@ wcoomd.org.	WCO, Topics, Programme Global Shield, www. wcoomd.org/en/ topics/enforcement- and-compliance/ activities-and- programmes/ security- programme/ programme-global- shield.aspx
Worldwide		Operation Fail Safe	Supports the international law enforcement community in tracking the transnational movement of individuals involved in the illicit trafficking of nuclear or other radioactive materials	Chemical security	Launched in 2012	INTERPOL, Media release, 2012, www.interpol.int/ News-and-media/ News/2012/PR026
Worldwide		Chemical Anti- Smuggling Enforcement (CHASE)	Global effort to counter the international smuggling of chemicals used to manufacture chemical and explosive devices. It increases the capacity of police, customs, border forces, immigration and security agencies to work collaboratively.	Chemical security		INTERPOL, Chemical and explosives terrorism, www.interpol. int/Crime-areas/ CBRNE/Chemical- and-explosives- terrorism

## Missile Technology Control Regime (MTCR)

**Type: International, regional and subregional organisations**

1540 Committee assistance provider

**Description:**

The MTCR is an informal political understanding among states that seek to limit the proliferation of missiles and missile technology. South Africa is the only African partner to the MTCR as of October 2016.

**Overview:**

'The MTCR was initiated by like-minded countries to address the increasing proliferation of nuclear weapons by addressing the most destabilizing delivery system for such weapons. In 1992, the MTCR's original focus on missiles for nuclear weapons delivery was extended to a focus on the proliferation of missiles for the delivery of all types of WMD. Such proliferation has been identified as a threat to international peace and security ... The MTCR seeks to limit the risks of proliferation of WMD by controlling exports of goods and technologies that could make a contribution to delivery systems (other than manned aircraft) for such weapons.'<sup>137</sup> The MTCR achieves its objectives through export controls, meetings, dialogue and outreach.

**Point(s) of contact:**

*Other points of contact:*

France serves as the Regime's Point of Contact

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Member countries and those adhering unilaterally to the guidelines	The MTCR has 34 partner states; South Africa is the only one in Africa <sup>138</sup>	Equipment, Software and Technology Annex	'The Equipment, Software and Technology Annex is designed to assist in implementing export controls on MTCR Annex items. The Annex is divided into "Category I" and "Category II" items. It includes a broad range of equipment and technology, both military and dual-use, that are relevant to missile development, production, and operation.'	Annex, import/export resource	Ongoing, details available on website <a href="http://mtrc.info/mtrc-guidelines/">mtrc.info/mtrc-guidelines/</a>	MTCR, MTCR Guidelines and the Equipment, Software and Technology Annex, <a href="http://mtrc.info/mtrc-guidelines/">mtrc.info/mtrc-guidelines/</a>

## Nuclear Suppliers Group (NSG)

**Type: International, regional and subregional organisations**

1540 Committee assistance provider

**Description:**

The NSG is a group of nuclear supplier countries that seeks to contribute to the non-proliferation of nuclear weapons through the implementation of two sets of guidelines for nuclear exports and nuclear-related exports.<sup>139</sup> The NSG Guidelines are available online.

**Overview:**

The NSG 'was created in 1976 following the explosion of a nuclear device by a non-nuclear-weapon State, which demonstrated that nuclear technology transferred for peaceful purposes could be misused'.<sup>140</sup> The NSG Guidelines were published in 1978 by the IAEA, on nuclear transfers for peaceful purposes and to ensure such transfers would not be diverted to nuclear explosive activities or an unsafeguarded nuclear fuel cycle. The guidelines contain the 'Non-Proliferation Principle', which seeks to cover the cases where adherence to the NPT or to a Nuclear Weapon Free Zone Treaty may not by itself be a guarantee that a state will consistently share the objectives of the treaty or that it will remain in compliance with its obligations.<sup>141</sup> The NSG Guidelines are consistent with, and complement, the African Nuclear-Weapon-Free Zone Treaty (Treaty of Pelindaba) and the NPT. Each participating government,<sup>142</sup> in accordance with its national laws and practices, implements the NSG Guidelines.

**Point(s) of contact:**

The NSG, as an informal arrangement, has no central contact point to address general inquiries. Specific information can be gathered by contacting the appropriate national authority as listed at [www.nuclearsuppliersgroup.org/en/national-authorities](http://www.nuclearsuppliersgroup.org/en/national-authorities)

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Organisation for the Prohibition of Chemical Weapons (OPCW)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

### Description:

'The mission of the OPCW is to implement the provisions of the [CWC] in order to achieve the OPCW's vision of a world that is free of chemical weapons and of the threat of their use, and in which cooperation in chemistry for peaceful purposes for all is fostered.'<sup>143</sup>

### Overview:

Relevant to UNSCR 1540, the OPCW offers assistance with legislation drafting, enforcement of CWC transfer regime, preparedness and response to chemical attacks and chemical safety and security for industries.<sup>144</sup>

### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Mr Attila Zimonyi

Director of the Office of Strategy and Policy

Tel: +31-70-416-3277

Email: attila.zimonyi@opcw.org

*Other points of contact:*

Kesrat Sukasam, Head, Implementation Support Branch

Tel: +31(0) 70 416 3629

Mobile: +31(0) 6 504 91 857

Email: Kesrat.Sukasam@opcw.org

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide; multiple in Africa so far		Legislation Drafting Assistance	Review existing legislation, technical assistance visit, internship for legal drafters, e-tools, mentorship/partnership, influential visitors.	Legislation assistance	Ongoing, so far have assisted 15 states parties from Africa	OPCW Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
African member states of the OPCW	World Academy of Sciences (TWAS), Inter-Academy Partnership	Policy and Diplomacy for Scientists: Introduction to Responsible Research in Chemical and Biological Sciences	'The objective of the workshop is to raise awareness among young scientists on the policy and diplomacy aspects that are related to the use of chemicals in various scientific disciplines', and scientists will be updated on CWC and other related treaties.	Workshop	18–20 October 2016, Pretoria, South Africa	OPCW, Events, <a href="http://www.opcw.org/news-publications/event/">www.opcw.org/ news-publications/ event/</a>
African member states of the OPCW	Government of host country, AU	Regional Meetings of African National Authorities	'An annual event that provides an opportunity for National Authorities to confer, network and share experiences, as well as consult with the Technical Secretariat of the OPCW on how best they can fulfil their obligations and receive the required assistance.'	Meeting	Held annually at different locations in Africa	OPCW, News and events, <a href="https://www.opcw.org">https:// www.opcw.org</a>
African member states of the OPCW	AU, PAP, EALA, IPU, member states, AWEPA	Programme to Strengthen Cooperation with Africa	Focuses on activities and interventions particular to needs of African member states, including high- level bilateral visits and awareness activities.	Outreach and capacity building	Second phase began January 2011	OPCW, <a href="http://www.opcw.org/our-work/international-cooperation/capacity-building-programmes/programme-to-strengthen-cooperation-with-africa/">www.opcw. org/our-work/ international- cooperation/ capacity-building- programmes/ programme- to-strengthen- cooperation-with- africa/</a>



## Organization for Security and Co-operation in Europe (OSCE)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

#### Description:

To assist OSCE participating states with the implementation of UNSC 1540, the OSCE Secretariat Conflict Prevention Centre established an extra-budgetary project on 'Support of Regional Implementation of the UNSC resolution 1540'.<sup>145</sup> In particular, the OSCE stands ready to share effective practices with OSCE Mediterranean Partners for Cooperation: Algeria, Egypt, Morocco and Tunisia.

#### Overview:

Within the support project for UNSCR 1540 implementation, the OSCE will 'provide assistance to interested OSCE participating States and OSCE Partners for Co-operation in implementation of UNSCR 1540 obligations; enhance assistance and collaboration among States, 1540 Committee and relevant international and regional organizations in implementation of UNSCR 1540; [and] strengthen engagement with the civil society, industry, and scientific community to promote prevention of proliferation risks.'<sup>146</sup> 'In October 2011, the OSCE Secretariat and the United Nations signed a Memorandum of Understanding (MoU) agreeing to work together on preventing proliferation of weapons of mass destruction and increase technical collaboration in implementing UNSCR 1540.'<sup>147</sup> 'Since 2011, the OSCE has received more than a dozen requests for assistance in developing voluntary national implementation action plans (NAP) or strategies to tackle proliferation of WMD and their means of delivery, as well as requests to assist with implementation of specific elements of resolution 1540.'<sup>148</sup>

#### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Conflict Prevention Centre of the OSCE

Tel: +43 1 514 36 6122

Email: pm-cpc@osce.org

*Other points of contact:*

Ms Adriana Volenikova, Associate Project Officer

Tel: +431 51436 6277

Email: adriana.volenikova@osce.org

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Algeria, Egypt, Morocco, Tunisia		Mediterranean Partners for Co-operation	The OSCE shares its experience with the Mediterranean Partners for Co-operation on a number of topics, including: confidence-building; OSCE as a platform for dialogue and the fostering of norms of behaviour; the security model for the 21 <sup>st</sup> century and new threats to security and stability; OSCE human dimension commitments; OSCE economic and environmental dimension commitments; media and the new technologies; comprehensive approach to security; and migration and integration policies	Network, cooperation, joint activities	Ongoing, resources available at: <a href="http://www.osce.org/partners-for-cooperation/mediterranean">www.osce.org/partners-for-cooperation/mediterranean</a>	OSCE, Mediterranean Partners for Co- operation, <a href="http://www.osce.org/partners-for-cooperation/mediterranean">www.osce.org/partners-for-cooperation/mediterranean</a>

## United Nations Institute for Disarmament Research (UNIDIR)

**Type: International, regional and subregional organisations**

1540 Committee assistance provider

**Description:**

'The Mission of the Institute is to assist the international community in finding and implementing solutions to disarmament and security challenges. Through its research and educational efforts, UNIDIR seeks to forward arms control and disarmament, contribute to conflict prevention and promote the development of a peaceful and prosperous world.'<sup>149</sup>

**Overview:**

UNIDIR is a voluntarily funded autonomous institute within the UN, which generates ideas and promotes action on disarmament and security issues. The Institute 'serves as a bridge – among United Nations disarmament, security and development organizations and between the United Nations system and the broader security community – to create the necessary synergies to address and mitigate the effects of insecurity at the international, regional and local levels.'<sup>150</sup> It does not have any on-going assistance and capacity-building programmes available for African states on CBRN issues. On the conventional arms side it currently has a two-year project aimed at building capacity (arms and ammunition management) in Somalia.

**Point(s) of contact:**

*Other points of contact:*

Tel: +41 (0)22 917 15 83/42 63

Fax: +41 (0)22 917 01 76

unidir@unog.ch

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
N/A	N/A	N/A	N/A	N/A	N/A	N/A

## United Nations Office on Drugs and Crime (UNODC)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

### Description:

'Member States are invited to avail themselves of UNODC's successful and long established technical legal assistance programme and capacity-building activities.'<sup>151</sup>

### Overview:

The UNODC 'promotes implementation of international conventions and protocol related to counterterrorism; helps member states strengthen the capacity of their national criminal justice systems to prevent and counter terrorism; is the guardian of the UN Convention against Transnational Organised Crime and helps member states build capacity and cooperation on these matters; works mainly in normative work, technical assistance and capacity building and research and analytical work.'<sup>152</sup> 'In accordance with its mandate the UNODC offers legal technical assistance and tailored capacity-building to requesting Member States on the ratification and full implementation of the international legal instruments against nuclear terrorism through a variety of means, including:

Awareness-raising and capacity-building on the provisions of the instruments

Drafting and/or review of national legislation

Training of criminal justice and law enforcement officials on the effective implementation of the instruments (on investigation, prosecution and adjudication of relevant cases)

Enhancing international cooperation in criminal matters related to nuclear terrorism.

In the area of CBRN, [the] UNODC is part of the IAEA Nuclear Security Information Exchange Meeting, the CTITF Working Group on Preventing and Responding to WMD Attacks. [The] UNODC is an official observer to the Global Initiative to Combat Nuclear Terrorism.'<sup>153</sup>

### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Ms Elena Rigacci-Hay, Policy and Programme Coordinator, Terrorism Prevention Branch

Ms Maria Lorenzo-Sobrado, Programme Officer and Focal Point for CBRN Terrorism, Terrorism Prevention Branch

Tel: +43 1 26060 5433

Email: maria.lorenzo-sobrado@unodc.org

*Other points of contact:*

Ms Maria Temesvari, Crime Prevention and Criminal Justice Officer – UNODC Programme Office Ethiopia

Tel: +251 115443832

Mobile: +251 (0) 936640905

Email: maria.temesvari@unodc.org

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Eastern Africa		Regional Programme for Eastern Africa 2016–2021	The UNODC can assist with the ratification and incorporation of international provisions into national legislation and help with capacity building for implementing these provisions.	Legislation assistance	2016–2021	UNODC Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
Worldwide		Terrorism Prevention	The UNODC will 'assist Member States, upon request, with the ratification, legislative incorporation and implementation of the universal legal framework against terrorism'.	Legal assistance and capacity building	Ongoing; workshops have occurred in African states	UNODC, <a href="http://www.unodc.org/unodc/en/terrorism/index.html">www.unodc.org/unodc/en/terrorism/index.html</a>
Sahel region	Governments of member states	Sahel Judicial Platform	Established to strengthen judicial cooperation in criminal matters among member states in line with bilateral, regional and international obligations.	Platform and assistance mechanism	Established 2010, current members Burkina Faso, Mali, Mauritania and Niger	UNODC, <a href="http://www.unodc.org/documents/terrorism/Leaflets/14-06860_A5_leaflet_E_ebook.pdf">www.unodc.org/documents/terrorism/Leaflets/14-06860_A5_leaflet_E_ebook.pdf</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide		Module on the International Legal Framework against CBRN Terrorism	This module 'will be translated into all UN official languages, will be freely available online and its intended to assist States in ratifying and implementing the relevant international legal framework'.	Legal assistance	Will be published by the end of 2016	Communication from UNODC to ISS, 31 October 2016
Africa	IAEA, 1540 Committee, AU, UK	2005 International Convention for the Suppression of Acts of Nuclear Terrorism	Workshop for selected African states	Workshop	October 2013, Nairobi, Kenya	Communication from UNODC to ISS, 31 October 2016
Africa	IAEA, 1540 Committee, AU, UK	2005 Amendment to the Convention on the Physical Protection of Nuclear Material	Workshop for selected African states	Workshop	June 2013, Dakar, Senegal	Communication from UNODC to ISS, 31 October 2016
Worldwide	WCO	Container Control Program (CCP)	Assists states with enhancing the security of cargo containers at sea and land borders. Has helped 25 countries since its establishment. Also includes a training component – Advanced Interdiction Training – to address control of imports/exports/transit.	Border security, imports and exports	Established 2006	Communication from UNODC to ISS, 31 October 2016

## United Nations Regional Centre for Peace and Disarmament in Africa (UNREC)

### Type: International, regional and subregional organisations

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

### Description:

It will 'provide, upon request, substantive support for initiatives and other efforts of Member States of the African region towards the realization of measures of peace, arms limitations and disarmament in the region'.<sup>154</sup> The UNREC will assist with drafting national reports and national implementation action plans as requested by international instruments, including UNSCR 1540.<sup>155</sup>

### Overview:

The UNREC is the only UN regional entity specialising in disarmament and non-proliferation in the African region. The work of the UNREC is organised around four thematic areas: small arms and light weapons (SALW), conventional arms, weapons of mass destruction and security reform. It puts an emphasis on SALW illicit trade and supporting member states in meeting their disarmament and non-proliferation commitments and obligations. 'It supports States by strengthening their capacity and providing them with the technical, legal and substantive assistance necessary to achieve sustainable peace and security'.<sup>156</sup>

### Point(s) of contact:

*Other points of contact:*

mail@unrec.org

Tel: (228) 2253 50 00

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
African member states		UNREC Online Resources and Publications Portal	An online resource for member states and individuals to review useful links and latest information on disarmament and non-proliferation topics, including CBRN and UNSCR 1540 news and reports. Includes training and other education resources as well.	Resource	Ongoing online, website: <a href="http://unrec.org/ged/index.php?level=2&amp;itemId=13">unrec.org/ged/index.php?level=2&amp;itemId=13</a> Website also includes country profiles for member states in Africa.	UNREC Online Resources and Publications Portal, <a href="http://unrec.org/ged/index.php?level=2&amp;itemId=13">unrec.org/ged/index.php?level=2&amp;itemId=13</a>
Africa, so far: Burkina Faso, Chad, Malawi, Mali, Mauritania, Niger, Senegal, Togo, Zambia		Report assistance, 1540 Committee support, National Action Plan support	Organised workshops to assist the G5 member states in preparing their initial reports pursuant to UNSCR 1540 on the non-proliferation of WMD to non-state actors. The Centre supported the 1540 Committee in its visits to Malawi, Senegal and Togo. The UNREC also assisted Malawi and Zambia in the preparation of their national action plans.	Reporting Assistance	Ongoing, examples provided as of July 2016	UNREC Fact Sheet, July 2016, <a href="http://unrec.org/ged/download.php?itemId=37&amp;language=en_GB">unrec.org/ged/download.php?itemId=37&amp;language=en_GB</a>

## World Bank Group

### Type: International, regional and subregional organisations

1540 Committee assistance provider

#### Description:

The World Bank can offer technical assistance and funding related to: nuclear power projects; chemical plant projects; port and transit facilitation projects; and customs modernisation projects.<sup>157</sup>

#### Overview:

'The World Bank is a vital source of financial and technical assistance to developing countries around the world. [It is] not a bank in the ordinary sense but a unique partnership to reduce poverty and support development.'<sup>158</sup> The World Bank provides zero to low interest credits, loans and grants to developing countries. Project support is wide and includes areas such as education, health, infrastructure, public administration, private sector development, agriculture, environmental and natural resource management. It is affiliated with the African Development Bank.

#### Point(s) of contact:

*Other points of contact:*

Tel: (202) 473-1000

Email: [africateam@worldbank.org](mailto:africateam@worldbank.org)

Africa country contacts can be found online: [www.worldbank.org/en/region/afr/contacts](http://www.worldbank.org/en/region/afr/contacts)

#### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Africa	WHO, Russian Federation	Support of international programmes against malaria and other tropical diseases	Supporting multilateral and bilateral programmes to assist developing countries in fighting malaria and 'neglected' tropical diseases, including through strengthening laboratories, trainings, supply of diagnostics and laboratory equipment (including in collaboration with WHO and WB).	Biological	2007–2014, US\$65.6 million	Global Partnership Working Group Consolidated Report Data 2012 Annex

## World Customs Organization (WCO)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

Participant in the AU 1540 Review and Assistance Conference

#### Description:

The WCO encourages member states to study and make use of the available WCO Security Programme training and reference materials.<sup>159</sup>

#### Overview:

The WCO is the only international organisation responsible for customs matters. Its Punta Cana Resolution (Dec 2015) is concerned with the security role of customs in the fight against terrorism, and it encourages member states to collaborate and implement provisions.<sup>160</sup> 'Experts from the 1540 Committee have repeatedly observed that 1540, with its focus on the need to develop and to maintain appropriate border, export, transit or trans-shipment controls, has placed customs administrations "at the centre of the international debate on how to best deal with the non-proliferation of nuclear, chemical, and biological weapons".<sup>161</sup> 'Through the Punta Cana Resolution, the WCO "[c] ommits to supporting Customs in enhancing border security capabilities, including advance passenger risk analysis as well as advance cargo risk analysis, and where necessary developing new tools and guidelines ... including those to make high-risk commodity identification more effective".<sup>162</sup> The WCO is also developing model Strategic Trade Control Enforcement (STCE) legislation and training material to assist with an STCE legal framework, developing e-learning tools, and greater granularity of nomenclature with respect to classification of strategic goods (HS codes).<sup>163</sup>

#### Point(s) of contact:

*Point(s) of contact submitted to the 1540 Committee:*

Mr Stefan Aniszewski, Programme Manager for Security

Tel: +32-2209-9404;

Email: stefan.aniszewski@wcoomd.org

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide, with African member states	AU	Strategic Trade Control Enforcement (STCE Programme)	Trainings and modules to raise awareness on illicit trade in dual-use and strategic commodities, to assist customs officials with effective implementation, and enable members to comply with international responsibilities.	Implementation assistance, trainings	Ongoing; WCO Presented STCE to AU December 2013	WCO Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
Worldwide	INTERPOL, UNODC	Programme Global Shield	This programme aims at preventing smuggling and illicit diversion of precursor chemicals that could be used to build IEDs. A unique initiative to secure global supply chains and enhance public safety.	Chemical security	Started in November 2010, long-term endeavour, contact: globalshield@wcoomd.org.	WCO, Topics, Programme Global Shield, www.wcoomd.org/en/topics/enforcement-and-compliance/activities-and-programmes/security-programme/programme-global-shield.aspx

## World Health Organization (WHO)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

#### Description:

#### Overview:

#### Point(s) of contact:

Dr Guenael Rodier, Director, Department of Global Capacities, Alert and Response

Email: rodier@who.int

#### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
18 countries, including Egypt, Morocco, Somalia, Sudan, Tunisia	EU	Project 40: strengthening health laboratories to minimise potential biological risks	To minimise biological risks by enhancing laboratory biosafety, biosecurity, quality management, and diagnostic capacity. To enhance the ability of partner countries to safely and rapidly detect and respond to biological events.	Capacity building, mitigation	1 January 2014, 36 months, more information: <a href="http://extranet.who.int/hslp/training/">extranet.who.int/hslp/training/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/76/Project-40-Strengthening-health-laboratories-to-minimise-potential-biological-risks.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/76/Project-40-Strengthening-health-laboratories-to-minimise-potential-biological-risks.aspx</a>
12 countries, including Algeria	EU	Project 39: strengthening health security at ports, airports and ground crossings	Enhancing and strengthening capacities for the prevention, detection, control and response to public health event-related activities at points of entry and international travel and transport. Technical guidance and tools, increasing knowledge sharing, international collaboration, and assisting countries' multi-sectorial approach to biosafety and biosecurity.	Capacity building, knowledge sharing	26 July 2013, 24 months, more information: <a href="http://extranet.who.int/pagnet/">extranet.who.int/pagnet/</a>	EU CoE, Projects, <a href="http://www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/75/Project-39-Strengthening-health-security-at-ports-airports-and-ground-crossings.aspx">www.cbrn-coe.eu/Projects/TabId/130/ArtMid/543/ArticleID/75/Project-39-Strengthening-health-security-at-ports-airports-and-ground-crossings.aspx</a>
Africa	World Bank, Russian Federation	Support of international programmes against malaria and other tropical diseases	Supporting multilateral and bilateral programmes to assist developing countries in fighting malaria and 'neglected' tropical diseases, including through strengthening laboratories, training, supply of diagnostics and laboratory equipment (including in collaboration with the WHO and WB)	Biological	2007–2014, US\$65.6 million	Global Partnership Working Group Consolidated Report Data 2012 Annex
Sub-Saharan Africa	WHO/AFRO, USAID	Integrated Disease Surveillance and Response (IDSR)	Comprehensive regional framework for strengthening national public health surveillance and response systems in sub-Saharan Africa. The IDSR aims to improve the availability and use of surveillance and laboratory data for the timely detection of and response to leading causes of death in the region and is the WHO/AFRO strategy for meeting IHR (2005). 46 WHO/AFRO member states.	Biosecurity	Since 1998	Global Partnership Working Group Consolidated Report Data 2012 Annex



## World Organisation for Animal Health (OIE)

### Type: International, regional and subregional organisations

1540 Committee assistance provider

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

### Description:

The OIE's 'mandate is to improve animal health worldwide which entails the improvement of animal health systems and strengthening national veterinary services'. OIE programmes are associated with the broader context of biological threat reduction.<sup>164</sup>

### Overview:

'As it relates to biological threat reduction, the principles in the strategy and related programmes are intended to strengthen national veterinary services capacities around detection, diagnosis and surveillance of biological agents regardless of their source.'<sup>165</sup>

### Point(s) of contact:

*Point(s) of contact submitted:*

Dr Tianna Brand, Officer in Charge of Biothreat Reduction

Email: t.brand@oie.int

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	WHO	One Health – Joint National Workshops	OIE and WHO experts help countries assess the capacity of their animal and human health sectors.	Workshops	Ongoing; workshops on request: <a href="http://www.oie.int/en/for-the-media/onehealth/oie-involvement/verona/">http://www.oie.int/en/for-the-media/onehealth/oie-involvement/verona/</a> .	Communication from OIE to ISS, 20 September 2016
Developing countries' laboratories		Laboratory and Veterinary Education Twinning Programmes	Increase awareness of biothreats and improve reduction, create networks and culture of responsibility.	Capacity building and training	Ongoing; two African beneficiaries since 2013	Communication from OIE to ISS, 20 September 2016
Worldwide		National Focal Point Training	Training on seven animal disease topics, some deal with biological threats.	Training	Next to be held in Harare from 29 November – 1 December 2016	Communication from OIE to ISS, 20 September 2016
Worldwide	National veterinary services, security sector and others	Simulation exercises	'Disease simulation exercises at the international level to engage key players in the security and health sector to identify gaps and improve cooperation.' Meant to simulate outbreak and test emergency response.	Training	Ongoing	Communication from OIE to ISS, 20 September 2016
Sahel region	World Bank	Regional Sahel Pastoralism Support Project (PRAPS)	Strengthening veterinary services and providing surveillance for animal disease (especially PPR and CBP)	Surveillance and capacity building	Ongoing	Communication from OIE to ISS, 20 September 2016
Africa	OIE, FAO and AU Inter-African Bureau for Animal Resources, EC	Reinforcing Veterinary Governance in Africa (VETGOV)	Aims to strengthen veterinary services, veterinary education and veterinary legislature in Africa.	Many projects aimed at capacity building	Ongoing; offices in Mali, Botswana, Tunisia and Kenya; <a href="http://www.rr-africa.oie.int">www.rr-africa.oie.int</a>	Communication from OIE to ISS, 20 September 2016

## Zangger Committee

**Type: International, regional and subregional organisations**

1540 Committee assistance provider

**Description:**

"Members of the Zangger Committee stand ready ... to provide any assistance required within the mandate of the Committee."<sup>166</sup>

**Overview:**

'The Zangger Committee, also known as the "NPT Exporters Committee", essentially contributes to the interpretation of article III, paragraph 2, of the [NPT] and thereby offers guidance to all parties to the Treaty ... Parties to the Treaty should not export, directly or indirectly, nuclear material and equipment to non-nuclear-weapon States unless the export is subject to International Atomic Energy Agency (IAEA) safeguards ... It is the Zangger Committee's mission within the framework of the NPT to take account of changing security aspects and to adapt export control conditions and criteria from time to time according to the needs."<sup>167</sup> African states can access more information on the Zangger Committee website.

**Point(s) of contact:**

*Other points of contact:*

Chairman of the Committee: Ms Louise Fluger Callesen, First secretary, Embassy and Permanent Mission of Denmark, Vienna

Tel: (+43 1) 512 - 7904

Email: loucal@um.dk

Secretary of the Committee: Ms Sue Vierny, First Secretary

Tel: (+43 1) 716 13 - 4297

Fax: (+43 1) 716 13 - 4900

Email: zangger@britishembassy.at

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Non-member countries and parties	Members	Outreach	The outreach programme has three objectives: 1) to build a strong and sustainable relationship between the Zangger Committee and third countries; 2) to increase the transparency of the activities of the Zangger Committee, by explaining its role, purpose and functions, in particular its role as technical interpreter of article III.2 of the Treaty on the Non-Proliferation of Nuclear Weapons (NPT); and 3) to provide opportunities for open dialogue on issues of common interest and concern on non-proliferation and nuclear export controls.	Knowledge sharing, expertise	Established 2001	Zangger Committee, Outreach, <a href="http://www.foi.se/en/Customer-Partners/Projects/zc/zangger/outreach/">www.foi.se/en/Customer-Partners/Projects/zc/zangger/outreach/</a>

# Civil society organisations, academia and other relevant entities

African Bio-safety Association (AfBSA)						
<b>Type: Civil society organisations, academia and other relevant entities</b>						
Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)						
<b>Description:</b>						
The AfBSA 'is dedicated to enhancing the knowledge and practices of Biosafety and Biosecurity issues throughout Africa'. It aims to be a leader in promoting development, knowledge and understanding of biological security and safety throughout Africa. <sup>168</sup>						
<b>Overview:</b>						
The AfBSA's objectives are to develop and maintain professional standards in biosafety and biosecurity and to advance these fields in education and research; to provide members with sustained opportunities for communication, education and participation in the development of standards, guidelines and regulations for these disciplines; and to expand awareness in these fields and promote the development of work practices, equipment and facilities to decrease occupational illness and adverse environmental effects of biologically-derived materials and infectious agents. <sup>169</sup>						
<b>Point(s) of contact:</b>						
<i>Other points of contact:</i> Tel: +254-020-521-3998 Email: afbsa@afbsa.org <a href="http://www.afbsa.org">http://www.afbsa.org</a>						
Specific projects related to Africa/African states						
Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Africa	African Center for Integrated Laboratory Training (ACILT)	Various biosafety courses	The AfBSA has collaborated with the ACILT on a number of courses on topics related to biosafety and biosecurity.	Trainings and courses	November 2012, South Africa	AfBSA Mid Term Report, <a href="http://afbsa.org/index.php/downloads/category/3-Newsletters">http://afbsa.org/index.php/downloads/category/3-Newsletters</a>
Africa	CRDF Global	Annual African Biological Safety conferences	An opportunity for biosafety professionals to discuss leadership in biorisk management, biohazard waste management and other laboratory biosafety and biosecurity issues in Africa.	Conference	Fourth Annual Conference was held in Morocco, March 2015	CRDF Global, Events, <a href="http://www.crdfglobal.org/news-and-events/upcoming-events/2014/12/31/4th-annual-african-biological-safety-conference">http://www.crdfglobal.org/news-and-events/upcoming-events/2014/12/31/4th-annual-african-biological-safety-conference</a>

## African Bio-safety Network of Expertise (ABNE/NEPAD)

### Type: Civil society organisations, academia and other relevant entities

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

#### Description:

ABNE/NEPAD can provide evidence-based factual information and assist with implementing workable laws and establishing functional biosafety systems.<sup>170</sup>

#### Overview:

ABNE 'is a biosafety resource network for African regulators and policy makers. The overall goal of ABNE is to enhance the capacity of African countries to build functional biosafety regulatory systems. This will enable these countries to harness modern agricultural biotechnology support for improved food security, income and livelihoods while minimising potential risks to the environment and human health.'<sup>171</sup> ABNE/NEPAD's mandate 'is limited to building functional regulatory systems among AU member states that are in the process of adopting modern biotechnology tools for agricultural production and more recently on transgenic insects towards the control of malaria. [It is] not, in the true sense of the word into biosecurity issues but [focuses] mainly on biosafety. [It] builds the capacity of African regulators in decision making towards genetic engineering applications sent by technology developers for related experiments in assessing the potential risks.'<sup>172</sup>

#### Point(s) of contact:

*Other points of contact:*

ABNE, c/o University of Ouagadougou

Tel: +226 25331501

Email: abnestaff@nepadbiosafety.net

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Africa	Universities, country experts	Biosafety short courses and training	Biosafety short courses form an integral component of ABNE activities in Africa. These short courses are carried out at African universities and at Michigan State University.	Training	Next training is 17–19 Oct 2016, Biosafety Lawyers Training, Burkina Faso	ABNE-NEPAD, Our Services, <a href="http://nepad-abne.net/about-us/our-services/">http://nepad-abne.net/about-us/our-services/</a>
Africa		Empowering African Biosafety Regulators	Tailored assistance packages, including information resources, training and education, technical support and networking.	Biosafety assistance	Ongoing, so far trained 2 553 regulators from 20 countries	ABNE Brochure, <a href="http://nepad-abne.net/about-us/abne-brochure/">http://nepad-abne.net/about-us/abne-brochure/</a>
Africa	Association of National Biosafety Agencies in Africa (ANBAA)	Biosafety Leadership Summit	Brought together biosafety agencies and stakeholders to share experiences and analyse capacity needs of member countries regarding challenges in development and implementation of biosafety regulation.	Annual summit	First annual summit held 15–16 August 2016, Nairobi	ABNE, News, <a href="http://nepad-abne.net/first-african-biosafety-leadership-summit-organized-association-national-biosafety-agencies-africa-partnership-nepad-agency-abne/">http://nepad-abne.net/first-african-biosafety-leadership-summit-organized-association-national-biosafety-agencies-africa-partnership-nepad-agency-abne/</a>

## Chemical and Allied Industries' Association (CAIA, South Africa)

### Type: Civil society organisations, academia and other relevant entities

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

#### Description:

CAIA represents the South African chemical industry, and forms part of a worldwide network of chemical industry associations.<sup>173</sup>

#### Overview:

'CAIA's primary goals are to promote Responsible Care®, to earn public trust for the chemical industry, to improve the efficiency of its advocacy efforts, to support education initiatives in science, engineering and technology and to create maximum value for member companies.'<sup>174</sup>

#### Point(s) of contact:

*Other points of contact:*

Johannesburg, South Africa

Tel: +27 11 482 1671/2

Fax: +27 11 726 8310

Email: caiainfo@caia.co.za

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide; Africa specific		Education and training	Training on the safe handling of chemicals, emergency preparedness and transportation and storage of dangerous goods.	Training	Recent training: June and July 2016 in South Africa on Labelling Hazardous Substances	CAIA Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
Worldwide	International Council of Chemical Associations (ICCA)	Responsible Care®	A voluntary commitment by the global chemistry industry to drive continuous improvement, includes education, training and resources.	Global initiative	Ongoing, CAIA is a signatory.	CAIA, Responsible Care, <a href="http://www.caia.co.za/responsible-care/">http:// www.caia.co.za/ responsible-care/</a>

## Global Emerging Pathogens Treatment Consortium (GET)

### Type: Civil society organisations, academia and other relevant entities

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

### Description:

'Established in 2014 to bring like minded and relevant experts who are working in Africa to function as a think tank in paradigm shift and policy space of biosecurity.'<sup>175</sup>

### Overview:

GET supports governments and regional authorities with practical applications, expertise and academic involvement of relevant conventions. Work areas include project implementation and capacity development; carrying out initiatives and training; high-level advocacy; and collaborating with international partners in similar areas of expertise. Has capacity in the following areas: biobanking, biosecurity, biosafety, bioethics, infrastructure design and project management, data management, community engagement, blood products use in public health crisis, medical and environmental research, clinical trials, and genomics and bioinformatics.<sup>176</sup>

### Point(s) of contact:

*Other points of contact:*

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
West African states (ECOWAS)	RARS, WATER	African Voices Conference on Ebola	The conference was held to accelerate the support for recovering Ebola patients, survivors and for the evaluation of potential treatment and vaccines in West Africa.	Conference	Dakar, January 2015	GET Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
Africa	GPP Canada	African Conference on Emerging Infectious Diseases (EID)	Focus on Ebola and EID, Public Learning and Understanding of Science (PLUS) and the need for a vaccine strategy in the Ebola belt.	Conference	27 July 2016, Lagos, Nigeria	GET Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
Sierra Leone	GPP Canada	Operation Biosecure	Model to verify data associated with Ebola samples and track each to secure in safe infrastructure.	Biobanking and Bio- containment	Currently in operation	GET Presentation from AU Review and Assistance Conference on UNSCR 1540 2016
Nigeria	Lagos State Ministry of Health	GET MoU with Lagos State Ministry of Health	Support Ebola research, prepare for second wave, revamp isolation hospital facilities.	Infrastructure development, capacity building	Currently in operation	GET Presentation from AU Review and Assistance Conference on UNSCR 1540 2016

## International Centre for Genetic Engineering and Biotechnology (ICGEB, University of Cape Town)

**Type: Civil society organisations, academia and other relevant entities**

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

The ICGEB 'strengthens the research capability of its Members through training and funding programmes and advisory services and represents a comprehensive approach to promoting biotechnology internationally'.<sup>177</sup>

**Overview:**

'The Centre is dedicated to advanced research and training in molecular biology and biotechnology and holds out the prospect of advancing knowledge and applying the latest techniques in the fields of: biomedicine; crop improvement; environmental protection/remediation; and biopharmaceuticals and biopesticide production.' One component is located at the University of Cape Town.<sup>178</sup>

**Point(s) of contact:**

*Other points of contact:*

Tel: +27-21-4066335

Fax: +27-21-4066060

capetownicgeb.org

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
African member states	Varies	Meetings and courses	Practical and theoretical courses are organised every year in Africa on subjects at the forefront of modern biology and biotechnology. Previous courses have covered subjects related to biological weapons and biosafety, including peaceful use of biotechnology and the convention on biological weapons.	Meetings and courses	Ongoing	<a href="http://www.icgeb.org/meetings-and-courses.html">http://www.icgeb.org/meetings-and-courses.html</a>
Sub-Saharan Africa	Bill & Melinda Gates Foundation	Biosafety Unit	Focuses on enhancing the ability of regulatory authorities in the region to regulate the development and/or commercialisation of the products of modern agro-biotechnology.	Capacity building and training	The first phase trained 214 African experts from 2009–2012	ICGEB Cape Town 2007-2013, South African Department of Science and Technology, <a href="http://www.icgeb.org/home-ct.html?file=tl_files/cape%20town/ICGEB%20Cape%20Town%20Brochure.pdf">http://www.icgeb.org/home-ct.html?file=tl_files/cape%20town/ICGEB%20Cape%20Town%20Brochure.pdf</a>

## International Federation of Biosafety Associations (IFBA)

### Type: Civil society organisations, academia and other relevant entities

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

#### Description:

'The IFBA is a global community of research scientists, biosafety professionals, laboratory personnel, NGOs, academics and policy makers, from around the world who recognize that biosafety and biosecurity are important elements within the framework of biological non-proliferation and strengthening global security ... [including] several members within Africa.'<sup>179</sup>

#### Overview:

'The IFBA and our members collaborate with governments, academia, NGOs, and international agencies [i.e. BWC ISU, UN Office of Disarmament, UNSCR 1540, WHO, OIE] ... in the operative elements of UNSCR 1540 through the promotion of biosafety, biosecurity and biorisk management in their countries and regions ... The IFBA also assists [its] members with the development of national biosafety and biosecurity strategies, including policies and guidelines related to UNSCR 1540, by bringing together national Health, Agricultural and Security groups ... [The] IFBA has created a mechanism to gauge competency, a new certification program in biosafety and biosecurity. [It] currently [provides] Professional Certification in Biorisk Management with over 150 individuals certified in over 25 different countries.'<sup>180</sup>

#### Point(s) of contact:

*Other points of contact:*

Executive Director

Email: m.ellis@internationalbiosafety.org

IFBA Program Coordinator Africa

Email: albertbunyasi2010@yahoo.com

Website: www.internationalbiosafety.org

### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Africa	AfBSA African Biological Safety Association, national partners	Biosafety Associations	Provide linkages between various communities: scientists, doctors, veterinarians, lab technicians, architects, engineers, policy makers, law enforcement officers, governments, private industry, academia, public health, animal health and security. Understand local challenges, develop practical solutions that can be sustained and cost-effectively implemented.	Collaboration, training and education	Ongoing	Communication from IFBA to ISS, 20 September 2016
Africa	Biosafety Engineering Working Group, International Federation of Biosafety Association, Merrick Canada	Infections Disease Diagnostic Laboratory: Natural Ventilation/Sustainable Systems	Safe and secure laboratory infrastructure to handle dangerous pathogens; innovative solutions (natural ventilation, modular labs); designed to be secure, yet cost-effectively maintained and sustainable over the long term	Infrastructure	Design work 2013; value US\$4–5 million	Communication from IFBA to ISS, 20 September 2016



Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Several African states from Central, Southern and Eastern Africa	INTERPOL CBRNE Sub-Directorate, CORDS (Connecting Organisations for Regional Disease Surveillance)	Operation S3ommet – Safe Secure Surveillance of Microbiological Material and Emerging Technologies	'To better support member countries in ensuring the safety and security of biological materials and emerging technologies. Raising awareness among law enforcement, public health officials, biosafety professionals and academia in regions where it is most needed is a key goal of the project.' The regional workshop was held in Ethiopia, with participation from Cameroon, Nigeria, Ethiopia, Egypt, Kenya, Mozambique, Namibia, South Africa, Tanzania, Uganda and Zambia.	Regional Workshop	22–26 September 2014	Communication from IFBA to ISS, 20 September 2016
Africa		Ensuring Quality Biorisk Management Through Certification of Professionals	'Securing biological materials is highly dependent on the competency of the individuals with access to these materials. Previously no mechanism to assess their competency in biosafety & biosecurity – IFBA created new professional certification program.' Run in Kenya, Uganda, Nigeria, Cameroon, Morocco, Egypt and Algeria.	Certificate programme	www.internationalbiosafety.org	Communication from IFBA to ISS, 20 September 2016

### Noguchi Memorial Institute for Medical Research (University of Ghana) (NMIMR)

**Type: Civil society organisations, academia and other relevant entities**

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

**Description:**

The NMIMR is the leading biomedical research facility in Ghana. Its vision 'is to be a world class Institute capable of conducting high quality cutting edge research and training in the biomedical sciences'.<sup>181</sup>

**Overview:**

'The broad objectives and mandate of the Institute are: to conduct research into health problems of Public Health importance in Ghana; to provide training opportunities for postgraduate students in medical research; and to provide specialized laboratory diagnostic and monitoring services in support of public health programmes.'<sup>182</sup>

**Point(s) of contact:**

*Other points of contact:*

Website: <http://mail.noguchi.ug.edu.gh>

Tel: +233 030 2501178/79

#### Specific projects related to Africa/African states

Country/region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Ghana	IAEA	Detecting Drug Resistant Malaria and Tuberculosis in Africa	The NMIMR was mandated to conduct malaria drug efficacy monitoring studies across Ghana as part of a larger project across Africa.	Regional Technical Cooperation Project	Project completed in 2006	AIEA, Detecting drug resistant malaria and tuberculosis, 2006, 9, <a href="https://www.iaea.org/technicalcooperation/documents/Brochures/Malaria-TB-Africa.pdf">https://www.iaea.org/technicalcooperation/documents/Brochures/Malaria-TB-Africa.pdf</a>

## Verification Research, Training and Information Centre (VERTIC)

### Type: Civil society organisations, academia and other relevant entities

Participant in the AU 1540 Review and Assistance Conference (6–7 April 2016, Addis Ababa, Ethiopia)

#### Description:

VERTIC is an independent NGO whose mission is to 'support the development, implementation and effectiveness of international agreements related to regional and national initiatives'.<sup>183</sup> The VERTIC Safeguards Project provides assistance on request, free of charge, to countries that are working to establish or update their laws and practices for safeguards ratification and implementation.

#### Overview:

The NIM (National Implementation Measures) Programme provides free advice to states on implementing BWC, CWC, CPPNM/A and other CBRN treaties. It undertakes analysis of states' regulations, provides drafting tools, and supplies fact sheets. It raises awareness on and provides free legislative drafting assistance, and can also provide help with ratifying or acceding to relevant treaties and amendments.<sup>184</sup> The Safeguards Project focuses on knowledge and experience sharing between states and other stakeholders. It has engaged a range of African states in this project.<sup>185</sup>

#### Point(s) of contact:

*Other points of contact:*

Scott Spence, Programme Director

Email: [scott.spence@vertic.org](mailto:scott.spence@vertic.org)

Sonia Drobysz, Senior Legal Officer

Email: [sonia.drobysz@vertic.org](mailto:sonia.drobysz@vertic.org)

Giuseppe Di Luccia, Associate Legal Officer

Email: [giuseppe.luccia@vertic.org](mailto:giuseppe.luccia@vertic.org)

### Specific projects related to Africa/African states

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide; including countries affected by Ebola	GET, UK Strategic Programme Fund	Global Health Security Agenda (GHSA)	Aims to help countries with capacity building around prevention, detection and response for biosafety and biosecurity.	Assistance and capacity building	Planning projects later in 2016 in Guinea, Liberia and Sierra Leone	Presentation shared by VERTIC NIM to ISS, 26 September 2016
Worldwide	IAEA, USA, NNSA, INSEP	IAEA Safeguards Project	Assistance activities include legislation review, technical assistance visits, and other activities and services such as providing information papers. There is also a Safeguards database used to facilitate knowledge sharing, implementation of safeguards and information on states' nuclear laws and arrangements.	Capacity building, database	Ongoing; has been running since 2012 with specific focus on the Additional Protocol	Communication from VERTIC to ISS, 11 October 2016
Worldwide	Indonesia	National Legislation Implementation Kit on Nuclear Security	Objectives: 1) to help states develop comprehensive national legislation on nuclear security, in accordance with their own respective legal cultures and internal legal processes; and 2) to provide states with references to a wide array of consolidated elements and provisions contained in relevant international legal instruments and guidance documents that together establish the global framework for nuclear security.	Legislation assistance tool	Presented by the Republic of Indonesia to the NSS, 24–25 March 2014	VERTIC, Legislation drafting tools, <a href="http://www.vertic.org/pages/homepage/programmes/national-implementation-measures/nuclear-and-other-radioactive-material/legislation-drafting-tools.php">www.vertic.org/ pages/homepage/ programmes/ national- implementation- measures/ nuclear-and- other-radioactive- material/legislation- drafting-tools.php</a>

Country/ region	Implementation partners	Title	Project details	Type	Dates and details	Source of information
Worldwide	Funding from Foreign Affairs, Trade and Development Canada (Global Partnership Program) and the Foreign and Commonwealth Office of the United Kingdom (Strategic Programme Fund)	Legislative Guide to National Implementation of UN Security Council Resolution 1540	'VERTIC developed this Guide as guidance for States when they are engaged in the process of implementing UNSCR 1540. It identifies and organizes in one document the model laws, implementation kits and handbooks that have already been developed by the IAEA, OPCW, VERTIC and other legislative assistance providers to assist States in implementing the international legal instruments to prohibit and prevent the proliferation of nuclear, chemical and biological weapons and related materials.'	Legislation assistance tool	February 2014	VERTIC, Legislation drafting tools, <a href="http://www.vertic.org/pages/homepage/programmes/national-implementation-measures/nuclear-and-other-radioactive-material/legislation-drafting-tools.php">www.vertic.org/pages/homepage/programmes/national-implementation-measures/nuclear-and-other-radioactive-material/legislation-drafting-tools.php</a>

# Notes

- 1 For the purpose of the directory, assistance providers are understood as states, international, regional and sub-regional organisations and other arrangements formally identified as such as by the 1540 Committee, as well as civil society organisations, academia and other relevant entities which participated in the 6-7 April 2016 Assistance and Review Conference hosted by the African Union.
- 2 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 3 Ibid.
- 4 Statement by Ambassador Martín García Moritán of Argentina to 1540 Comprehensive Review, New York, 20–22 June 2016.
- 5 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 6 Organisation for the Prohibition of Chemical Weapons (OPCW) Directory, National authorities. See Annex 1 for all additional CWC contacts.
- 7 Full information is available in the restricted area of the ISU website: The United Nations Office at Geneva (UNOG), Restricted areas for states parties (BWC), [www.unog.ch/bwc/restricted](http://www.unog.ch/bwc/restricted)
- 8 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 9 Ibid.
- 10 Ibid.
- 11 Communication from Federal Ministry for Europe, Integration and Foreign Affairs to ISS, 28 September 2016.
- 12 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 13 Ministry of Foreign Affairs of the Republic of Belarus, International security and global issues, <https://mfa.gov.by/en/organizations/issue/>
- 14 Ministry of Foreign Affairs of the Republic of Belarus, Non-proliferation and export control, <http://mfa.gov.by/en/organizations/issue/export/>
- 15 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 16 Ibid.
- 17 Communication from Disarmament and Non-Proliferation Department to ISS, 29 July 2016.
- 18 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 19 Nuclear Threat Initiative (NTI), Brazil, <http://www.nti.org/learn/countries/brazil/>
- 20 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 21 Ibid.
- 22 Ibid.
- 23 Communication from Canada's Global Partnership Program (GPP) to ISS, 12 September 2016.
- 24 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 25 Communication from Canada's GPP to ISS, 12 September 2016.
- 26 Ministry of Foreign Affairs of the People's Republic of China, UN Security Council Resolution 1540, 27 May 2010, [www.fmprc.gov.cn/mfa\\_eng/wjb\\_663304/zjzg\\_663340/jks\\_665232/kjlc\\_665236/fkswt\\_665240/t410727.shtml](http://www.fmprc.gov.cn/mfa_eng/wjb_663304/zjzg_663340/jks_665232/kjlc_665236/fkswt_665240/t410727.shtml)
- 27 NTI, Countries, China, [www.nti.org/learn/countries/china/](http://www.nti.org/learn/countries/china/)
- 28 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 29 Ministry of Foreign Affairs of the People's Republic of China, Statement by Ambassador Wang Min, Deputy Permanent Representative of China to the UN, at the 68<sup>th</sup> Session of the UN General Assembly on agenda item 'Report of International Atomic Energy Agency', 15 November 2015, [http://www.fmprc.gov.cn/mfa\\_eng/wjb\\_663304/zjzg\\_663340/jks\\_665232/kjfywj\\_665252/t1099334.shtml](http://www.fmprc.gov.cn/mfa_eng/wjb_663304/zjzg_663340/jks_665232/kjfywj_665252/t1099334.shtml)
- 30 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 31 Ibid.
- 32 Ibid.
- 33 Ibid.
- 34 Communication from the Danish Embassy in Addis Ababa to ISS, 27 October 2016.
- 35 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 36 International Atomic Energy Agency (IAEA), Statement by Ms Eve-Küllli Kala, Ambassador, Resident Representative to the Agency at the IAEA 2010 General Conference, 54<sup>th</sup> Session in Vienna, 22 September 2010, [www.iaea.org/About/Policy/GC/GC54/Statements/estonia.pdf](http://www.iaea.org/About/Policy/GC/GC54/Statements/estonia.pdf)
- 37 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 38 Ibid.
- 39 Ibid.
- 40 Ibid.
- 41 Ibid.

- 42 Communication from Federal Foreign Office to ISS, 23 September 2016.
- 43 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 44 IAEA, Statement by Ambassador Chryssoula Aliferi, Resident Representative of Greece to the IAEA, 58<sup>th</sup> General Conference of the IAEA, 22–26 September 2014, [www.iaea.org/sites/default/files/greece.pdf](http://www.iaea.org/sites/default/files/greece.pdf)
- 45 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 46 Ibid.
- 47 Hungarian Atomic Energy Authority, International relations, [www.oah.hu/web/v3/HAEAPortal.nsf/web?openagent&menu=02&submenu=2\\_7](http://www.oah.hu/web/v3/HAEAPortal.nsf/web?openagent&menu=02&submenu=2_7)
- 48 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 49 India Presentation from AU Review and Assistance Conference on UNSCR 1540 2016.
- 50 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 51 Ibid.
- 52 Ireland Department of Foreign Affairs and Trade, Disarmament & non-proliferation, [www.dfa.ie/our-role-policies/international-priorities/peace-and-security/disarmament/](http://www.dfa.ie/our-role-policies/international-priorities/peace-and-security/disarmament/)
- 53 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 54 Report S/AC.44/2013/1\* submitted by Israel to the 1540 Committee, 3 January 2013.
- 55 Statement by Hadas Meitzad, Counsellor for Political Affairs, to 1540 Comprehensive Review, New York, 20–22 June 2016.
- 56 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 57 Ibid.
- 58 Ibid.
- 59 Ibid.
- 60 Communication from Liechtenstein Office for Foreign Affairs to ISS, 26 September 2016.
- 61 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 62 Nuclear Security Summit 2016, Lithuanian national statement, [www.nss2016.org/document-center-docs/2016/4/1/national-statement-lithuania](http://www.nss2016.org/document-center-docs/2016/4/1/national-statement-lithuania)
- 63 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 64 Communication from the Ministry of Foreign and European Affairs to ISS, 22 August 2016.
- 65 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 66 Ibid.
- 67 Ibid.
- 68 Ibid.
- 69 Ibid.
- 70 Nuclear Security Summit 2014, National progress report, [www.state.gov/documents/organization/235451.pdf](http://www.state.gov/documents/organization/235451.pdf)
- 71 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 72 Communication from New Zealand Ministry of Foreign Affairs & Trade to ISS, 5 September 2016.
- 73 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 74 Ibid.
- 75 Ibid.
- 76 Ibid.
- 77 Ibid.
- 78 Statement by Ambassador Dr Maleeha Lodhi of Pakistan, to 1540 Comprehensive Review, New York, 20–22 June 2016.
- 79 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 80 Ibid.
- 81 Communication from Poland Security Policy Department to ISS, 27 September 2016.
- 82 Ibid.
- 83 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 84 Ibid.
- 85 Ibid.
- 86 Ibid.
- 87 Republic of Korea (ROK), Ministry of Foreign Affairs, ROK's disarmament and non-proliferation activities, [www.mofa.go.kr/ENG/policy/disarmament/overview/disarmament/index.jsp?menu=m\\_20\\_70\\_10](http://www.mofa.go.kr/ENG/policy/disarmament/overview/disarmament/index.jsp?menu=m_20_70_10)
- 88 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 89 Ibid.
- 90 Ibid.
- 91 Ibid.
- 92 Ibid.
- 93 IAEA, Passing the torch: IAEA and Singapore commit to third country training, 3 February 2015, <https://www.iaea.org/technicalcooperation/Home/Highlights-Archive/Archive-2015/02032015-TCTP.html>
- 94 Singapore Ministry of Foreign Affairs, Disarmament and non-proliferation, [www.mfa.gov.sg/content/mfa/international\\_issues/disarmament.html](http://www.mfa.gov.sg/content/mfa/international_issues/disarmament.html)
- 95 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 96 Ibid.
- 97 Communication from the Slovakian Department of Disarmament and Counter-Terrorism to ISS, 22 September 2016.
- 98 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 99 Ibid.
- 100 Republic of Slovenia, Annual report 2015: Radiation and nuclear safety in the Republic of Slovenia, [www.ursjv.gov.si/fileadmin/ujv.gov.si/pageuploads/Angelesko\\_LP\\_2015.pdf](http://www.ursjv.gov.si/fileadmin/ujv.gov.si/pageuploads/Angelesko_LP_2015.pdf)

- 101 Communication from South African Department of International Relations and Cooperation (DIRCO) to ISS, 22 July 2016.
- 102 Ibid.
- 103 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 104 Ibid.
- 105 Ibid.
- 106 Ibid.
- 107 Ibid.
- 108 Ibid.
- 109 Ibid.
- 110 Ibid.
- 111 Ibid.
- 112 Communication from United Kingdom (UK) Directorate for Defence and International Security to ISS, 7 July 2016.
- 113 1540 Committee, Summary offers of assistance from member states, <http://www.un.org/en/sc/1540/assistance/offers-of-assistance/states.shtml>
- 114 Ibid.
- 115 Communication from Biological Weapons Convention Implementation Support Unit (BWC ISU) to ISS, 26 September 2016.
- 116 Ibid.
- 117 These can be found online at Chemical, Biological, Radiological, Nuclear (CBRN) Centres of Excellence, Addressing regional CBRN risk mitigation needs, <http://www.cbrn-coe.eu/Projects.aspx>. Many projects have been listed under the implementing country in this report.
- 118 European Commission (EC), Joint Research Centre, JRC in brief, <http://ec.europa.eu/jrc/en/about/jrc-in-brief>
- 119 CBRN Centres of Excellence, <http://www.cbrn-coe.eu>
- 120 Ibid.
- 121 EC, Joint Research Centre, JRC in brief, <http://ec.europa.eu/jrc/en/about/jrc-in-brief>
- 122 See EC, National Contact Points, [http://ec.europa.eu/research/participants/portal4/desktop/en/support/national\\_contact\\_points.html#c,contact=country/sbg/1/1/0&function\\_details..function\\_abbr/sbg/Joint%20Research%20Centre/1/1/0&contact\\_name/asc](http://ec.europa.eu/research/participants/portal4/desktop/en/support/national_contact_points.html#c,contact=country/sbg/1/1/0&function_details..function_abbr/sbg/Joint%20Research%20Centre/1/1/0&contact_name/asc)
- 123 Communication from Inter-Parliamentary Union (IPU) to ISS, 20 September 2016.
- 124 Ibid.
- 125 IAEA, About us, <http://www.iaea.org/about>
- 126 IAEA, IAEA at a glance, <https://www.iaea.org/sites/default/files/16/07/iaeaataglance0316.pdf>
- 127 IAEA Statement/Talking Points at the 1540 Comprehensive Review, New York, 20–22 June 2016.
- 128 International Maritime Organization (IMO), World Maritime Day: a concept of a sustainable maritime transportation system, <http://www.imo.org/en/About/Events/WorldMaritimeDay/WMD2013/Documents/CONCEPT%20OF%20%20SUSTAINABLE%20MARITIME%20TRANSPORT%20SYSTEM.pdf#search=weapons>
- 129 IMO, Technical cooperation, <http://www.imo.org/en/OurWork/TechnicalCooperation/Pages/Default.aspx>; IMO, 2014 report, [http://www.imo.org/en/OurWork/TechnicalCooperation/ITCP/Documents/TC%2065-3\(a\)%20\(E\).pdf](http://www.imo.org/en/OurWork/TechnicalCooperation/ITCP/Documents/TC%2065-3(a)%20(E).pdf)
- 130 Communication from IMO to ISS, 7 October 2016.
- 131 International Monetary Fund (IMF), Technical assistance, combating money laundering and the financing of terrorism, <http://www.imf.org/external/pubs/ft/exrp/techass/techass.htm#terr>
- 132 Ibid.
- 133 INTERPOL, Crime areas, CBRNE, <http://www.interpol.int/Crime-areas/CBRNE/CBRNE>
- 134 Ibid.
- 135 INTERPOL, Presentation from AU Review and Assistance Conference on UNSCR 1540 2016.
- 136 INTERPOL, Radiological and nuclear terrorism, <http://www.interpol.int/Crime-areas/CBRNE/Radiological-and-nuclear-terrorism>
- 137 Missile Technology Control Regime (MTCR), Frequently asked questions (FAQs), <http://mtrc.info/frequently-asked-questions-faqs/>
- 138 MTCR, Partners, <http://mtrc.info/partners/>
- 139 Nuclear Suppliers Group (NSG), About the NSG, [www.nuclearsuppliersgroup.org/en/about-us](http://www.nuclearsuppliersgroup.org/en/about-us)
- 140 NSG, History, [www.nuclearsuppliersgroup.org/en/history1](http://www.nuclearsuppliersgroup.org/en/history1)
- 141 NSG, About the NSG, [www.nuclearsuppliersgroup.org/en/about-us](http://www.nuclearsuppliersgroup.org/en/about-us)
- 142 A list of the national authorities of participating governments to the NSG can be found at NSG, National authorities, [www.nuclearsuppliersgroup.org/en/national-authorities](http://www.nuclearsuppliersgroup.org/en/national-authorities)
- 143 Organisation for the Prohibition of Chemical Weapons (OPCW), About, Mission, <https://www.opcw.org/about-opcw/mission/>
- 144 OPCW Presentation from AU Review and Assistance Conference on UNSCR 1540 2016.
- 145 Communication from Organization for Security and Co-operation in Europe (OSCE) to ISS, 26 July 2016.
- 146 Ibid.
- 147 Nuclear Threat Initiative (NTI), Organization for Cooperation and Security in Europe (OSCE), 16 April 2015, [www.nti.org/learn/treaties-and-regimes/organization-cooperation-and-security-europe-osce/](http://www.nti.org/learn/treaties-and-regimes/organization-cooperation-and-security-europe-osce/)
- 148 Statement by Mr Vasily Pavlov of the OSCE at the 1540 Comprehensive Review, New York, 20–22 June 2016.
- 149 United Nations Institute for Disarmament Research (UNIDIR), About, [www.unidir.org/about/the-institute](http://www.unidir.org/about/the-institute)
- 150 Ibid.
- 151 United Nations Office on Drugs and Crime (UNODC) Presentation from AU Review and Assistance Conference on UNSCR 1540 2016.
- 152 Ibid.
- 153 Communication from UNODC to ISS, 31 October 2016.
- 154 United Nations Regional Centre for Peace and Disarmament in Africa (UNREC), Overview, [unrec.org/default/index.php/en/about-unrec/who-we-are](http://unrec.org/default/index.php/en/about-unrec/who-we-are)
- 155 UNREC, What we do, [unrec.org/default/index.php/en/what-we-do](http://unrec.org/default/index.php/en/what-we-do)
- 156 UNREC, Overview, [unrec.org/default/index.php/en/about-unrec/who-we-are](http://unrec.org/default/index.php/en/about-unrec/who-we-are)
- 157 1540 Committee, World Bank Group, <http://www.un.org/en/sc/1540/assistance/states/WB-1.html>
- 158 World Bank, What we do, [www.worldbank.org/en/about/what-we-do](http://www.worldbank.org/en/about/what-we-do)
- 159 World Customs Organization (WCO) Presentation from AU Review and Assistance Conference on UNSCR 1540 2016.
- 160 Ibid.

- 161** WCO, Security Programme, Strategic Workshop, Strategic trade controls – The international legal framework and obligations on UN (ESA) members, shared with ISS, 2 November 2016.
- 162** WCO, Security Programme, Strategic Workshop, Session 4: Strategic Trade Control Enforcement Programme, shared with ISS, 2 November 2016.
- 163** Ibid.
- 164** Communication from World Organisation for Animal Health (OIE) to ISS, 20 September 2016.
- 165** Ibid.
- 166** Text contained in a letter from the Chairman of the Zangger Committee to the Chairman of the 1540 Committee, 5 November 2004.
- 167** Zangger Committee, Our mission, [www.foi.se/en/Customer-Partners/Projects/zc/zangger/mission/](http://www.foi.se/en/Customer-Partners/Projects/zc/zangger/mission/)
- 168** African Bio-safety Association (AfBSA), Mission, <http://afbsa.org/index.php/component/content/article/58-about-afbsa/strategic-plan/336-mission>
- 169** AfBSA, Objectives, <http://afbsa.org/index.php/afbsa-objectives>
- 170** African Bio-safety Network of Expertise (ABNE/NEPAD) Presentation from AU Review and Assistance Conference on UNSCR 1540 2016.
- 171** ABNE/NEPAD, About us, <http://nepad-abne.net/about-us/>
- 172** Communication from ABNE/NEPAD to ISS, 7 October 2016.
- 173** Chemical and Allied Industries' Association (CAIA), About us, <http://www.caia.co.za/about/>
- 174** Ibid.
- 175** Global Emerging Pathogens Treatment Consortium (GET) Presentation from AU Review and Assistance Conference on UNSCR 1540 2016.
- 176** Ibid.
- 177** International Centre for Genetic Engineering and Biotechnology (ICGEB), Who we are, <http://www.icgeb.org/about-the-centre.html>
- 178** Ibid.
- 179** Communication from the International Federation of Biosafety Associations (IFBA) to ISS, 20 September 2016.
- 180** Ibid.
- 181** Noguchi, Vision, <http://www.noguchimedres.org/index.php/pages/vision>
- 182** Ibid.
- 183** VERTIC, About, [vertic.org](http://vertic.org)
- 184** Communication from the Verification Research, Training and Information Centre (VERTIC) NIM to ISS, 26 September 2016.
- 185** Communication from VERTIC NIM to ISS, 11 October 2016.

### About the authors

Annie DuPre is a consultant to the ISS and has a BA in political science and an MA in global policy studies. She specialises in Africa's development and conflict.

Nicolas Kasprzyk works at the ISS as a consultant on chemical, biological, radiological and nuclear matters. Previously, he held positions in the private sector, at the United Nations and in the French Ministry of Defense.

### About the ISS

The Institute for Security Studies is an African organisation that aims to enhance human security on the continent. It does independent and authoritative research, provides expert policy analysis and advice, and delivers practical training and technical assistance.

### Acknowledgements

This publication was made possible with support from the government of Denmark. The ISS is grateful for support from the other members of the ISS Partnership Forum: the Hanns Seidel Foundation and the governments of Australia, Canada, Finland, Japan, the Netherlands, Norway, Sweden and the USA.

### ISS Pretoria

Block C, Brooklyn Court  
361 Veale Street  
New Muckleneuk  
Pretoria, South Africa  
Tel: +27 12 346 9500  
Fax: +27 12 460 0998

### ISS Addis Ababa

5th Floor, Get House Building  
Africa Avenue  
Addis Ababa, Ethiopia  
Tel: +251 11 515 6320  
Fax: +251 11 515 6449

### ISS Dakar

4th Floor, Immeuble Atryum  
Route de Ouakam  
Dakar, Senegal  
Tel: +221 33 860 3304/42  
Fax: +221 33 860 3343

### ISS Nairobi

Braeside Gardens  
off Muthangari Road  
Lavington, Nairobi, Kenya  
Cell: +254 72 860 7642  
Cell: +254 73 565 0300

[www.issafrica.org](http://www.issafrica.org)