



CBRN

Centres of Excellence

An initiative of the European Union



Chemical Biological Radiological Nuclear - Centres of Excellence

CBRN Centres of Excellence: What is it all about? What is in there for you !

Willem Janssens

Head of Unit Nuclear Security

Joint Research Centre Ispra, Italy

European Commission

Jointly implemented by European Commission and UNICRI





Policy / Decisions

Council Regulation 428/2009
on export control / dual use

New Lines for Action in combating
the proliferation of WMD - 2008

EU strategy against
proliferation of WMD - 2003

European Security Strategy -2003

Common Foreign Security Policy

Instruments

CBRN Action Plan (inner EU)
(Prevention / Detection / Response)

Council Joint Actions (with IAEA)

Instrument for Pre-Accession

Instrument for Stability

Instrument for Nuclear Safety Coop..



Amount for implementation 2007-2013: 2,118 M€

- (1) Response to crisis or natural disasters (short-term component) – 70%**
- (2) Longer-term actions to counter global and trans-regional threats (trafficking, proliferation CBRN agents, threats to public health, etc.) – 25%**
- (3) longer-term pre- and post-crisis capacity-building measures (strengthening international organizations in crisis prevention) – 5%**



- *CBRN Centre of Excellence (CoE)* €25-30 million
- *Illicit Trafficking* €12-14 million
- *Bio-safety and Bio-security* €14-18 million
- *Export Control (LTP)* €6-10 million
- *Redirection of Scientists* €27-33 million
- *MNA* €20-25 million
- *Expert Support Facility* €6 million

Total

€123 million

Please note: Export Control is both in the LTP & in CoE !



Challenge

- **Lack of harmonised national responses and fragmentation of responsibilities within the national, regional or international stakeholders.**

Overall objectives

- **To support a CBRN policy at regional and national levels;**
- **To strengthen the long term national and regional capabilities for CBRN risk mitigation;**
- **To support and reinforce response capabilities to CBRN incidents;**
- **To provide a coherent and integrated approach covering CBRN issues (e.g., export control, illicit trafficking, bio-safety and security, emergency planning, crisis response, support to scientists).**



CoE = a platform for cooperation (open to other donors) – more synergies – less or even no duplication

CoE = a methodology (e.g., needs assessments, national action plans, gap analysis, risk assessment, global governance, key impact indicators)

CoE = a light and flexible structure (6 to 8 p. per region)

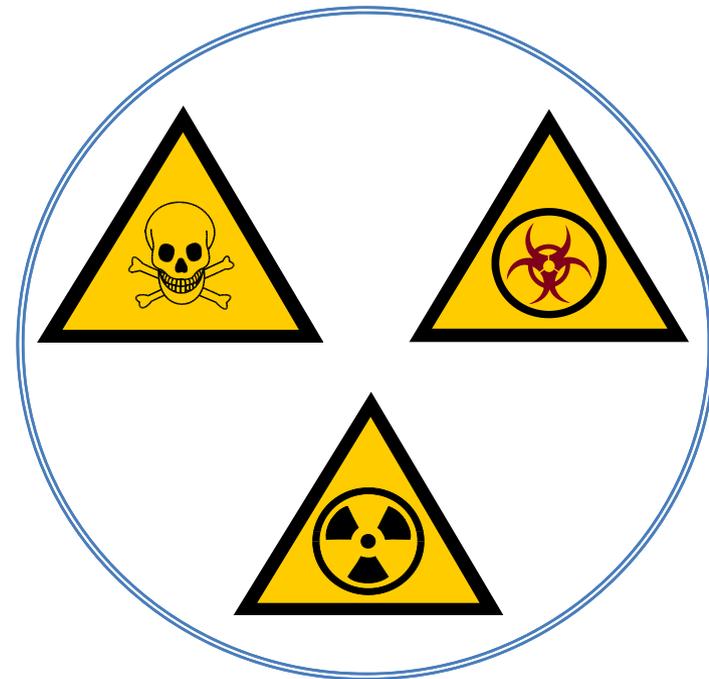
CoE = building capabilities locally (ownership) based on inter-agencies approach (including academia)

CoE = a network of experts and collaborating partners

CoE = actions to mitigate natural, accidental , and deliberate misuses of CBRN agents and materials



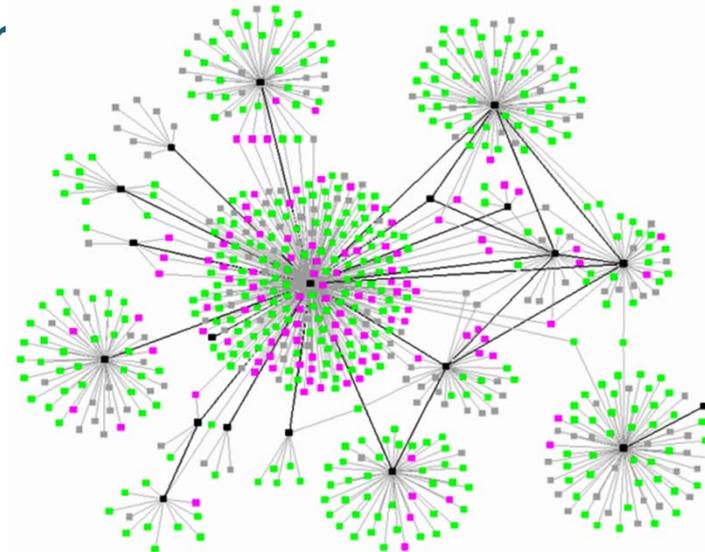
Development of a comprehensive CBRN approach that incorporates all international, regional and national CBRN components into a common strategy

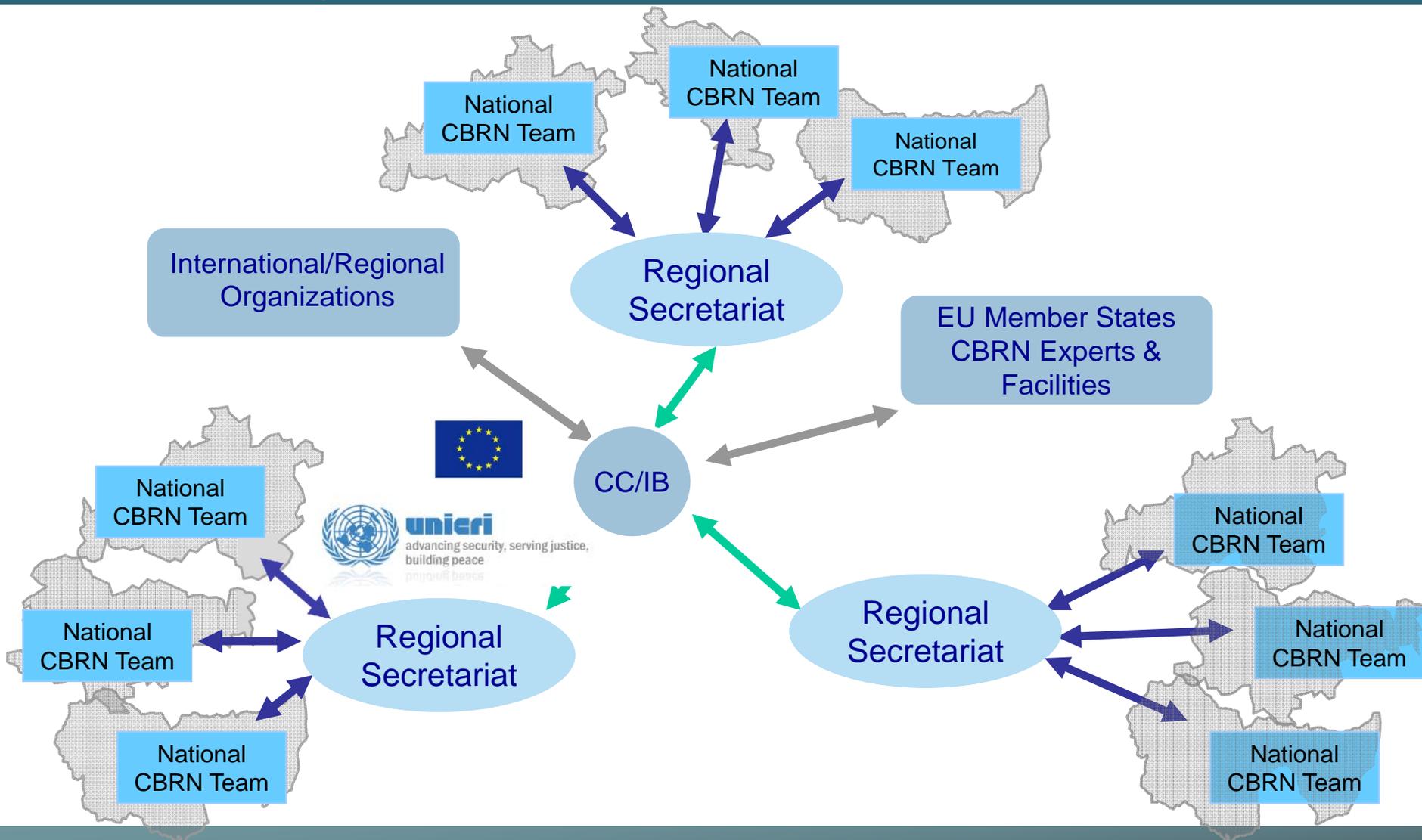




Ownership by the country: to generate genuine ownership of its policy and its implementation by national bodies

Decentralized network: in order to rapidly adapt to new situations, to guarantee ownership, to ensure effective sharing of tasks and responsibilities







Head of Secretariat

Appointed by partner country

Deputy Head of Secretariat

Appointed by partner country

Coordinator Administrative Support

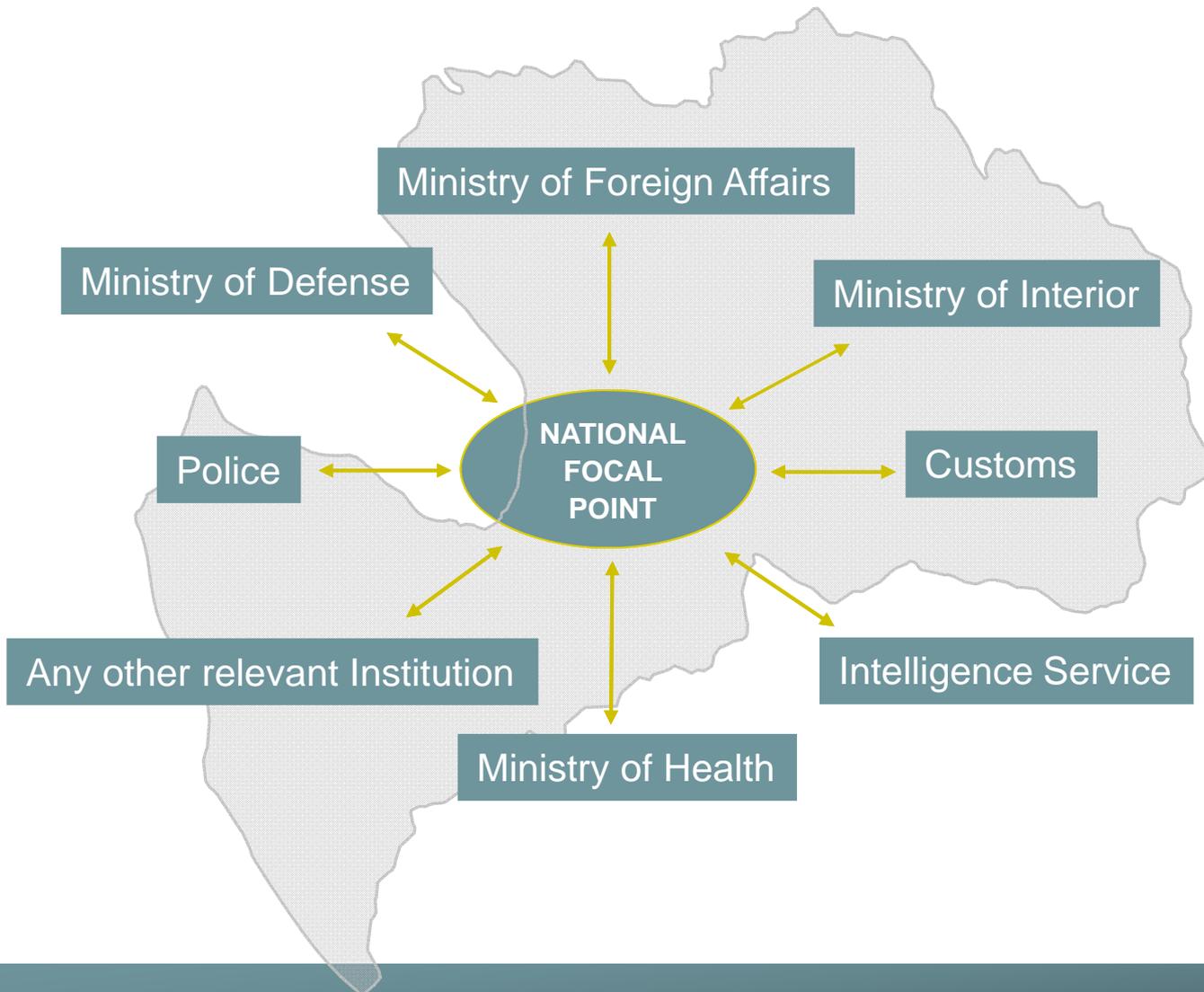
UNICRI full-time available

Regional CBRN Experts

Part-time in the secretariat, part time in missions
with EU-JRC-UNICRI experts
Appointed by partner countries



National Teams





- Presently working with **40 countries** on a **voluntary basis**
- Roundtable meetings held **every 6 months** in **every region**
- Have **National Focal Points** from 30 countries with **National CBRN Teams** \approx 250



- Work with International Organisations e.g. **IAEA, OPCW, BWC-ISU, Interpol, Europol, WHO, 1540 Committee, OSCE, SIPRI.....**
- Point of Contact 27 EU-MS
- **Communication** (*web based portal + meetings*) and **cooperation** together aim to build synergy and avoid duplication



- **South East Europe, the Caucasus, Moldova and Ukraine**
(Albania, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, FYROM, Georgia, Moldova, Montenegro, Serbia, Ukraine; **RS Tbilisi, Georgia**)
- **Southeast Asia**
(Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam; **RS Manila, Philippines**)
- **North Africa**
(Algeria, Morocco, Tunisia, Libya (no contact yet), possible extension to Mali and Niger; **RS Algiers, Algeria**)



- **African Atlantic Façade**
(Cap Verde, Equatorial Guinea, Mauritania, Morocco, Senegal;
RS Rabat, Morocco)
- **Middle East**
(Egypt, Iraq, Jordan, Lebanon, Syria contacts suspended for time
being; **RS Amman, Jordan**)
- **Central Asia**
(Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan,
Uzbekistan)
- **Sub-Saharan Africa**
- **Gulf Cooperation Countries**



Addressing CBRN needs through development of tailored projects

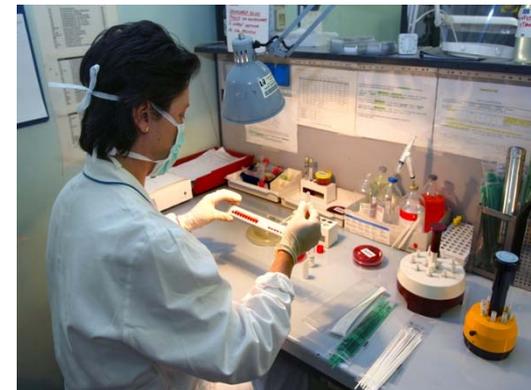
1st Pilot Project: SEA Region

Capacity building in countering illicit nuclear trafficking



2nd Pilot Project: SEA Region

Bio-security and bio-safety
(reinforcement of legislation, regulations and standards)



Working on further 19 projects



•2011

- €16 million for implementation of projects
- 19 Project Proposals approved
- Tendering, selection and award procedures in 2012

•2012

- €23 million expected for implementation of projects
- First round of proposal collection: closed 29/02/2012
- Second round of proposals: OPEN (till about Oct. 2012)
- Evaluation and selection ongoing of first round
- Tendering process will change (Meeting Brux. 14-15/05/12)



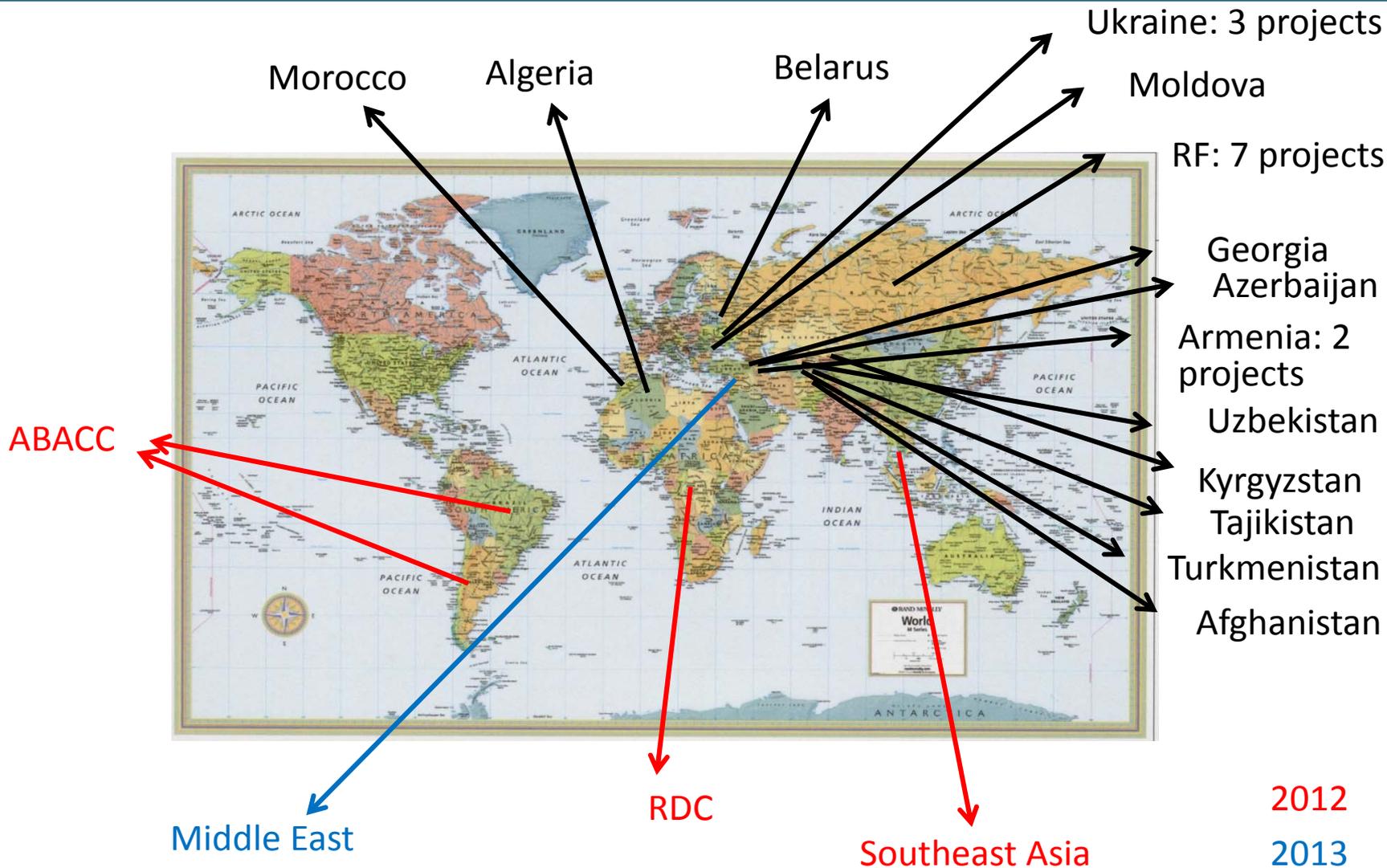
19 approved cover the following areas of interest

- Illicit trafficking
- Bio-safety and bio-security
- First response
- Misuse of biotechnology
- CBRN national legal framework
- E-learning on CBRN risk mitigation
- CB waste management
- **Border control and CBRN import/export**
- Awareness raising on CBRN threats





Example of Previous InSC/Ifs Experience Ongoing Nuclear Security Projects



2012
2013



EU mandated the German Federal Office for Economics and Export Control (BAFA) to carry out a cooperation programme in the field of **export control of dual-use goods**
(Outreach started around 2005; will continue in // to CoE)

SCOPE

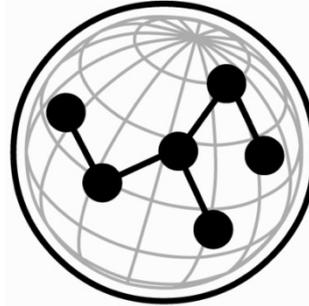
- Legal
- Licensing
- Customs
- Awareness
- Sanctions

GEOGRAPHICAL COVERAGE

- Middle East
- North Africa
- South-East Europe
- Eastern Europe, Caucasus and Central Asia
- South and Southeast Asia



- **Opening Regional Secretariats**
- **Implementation**
(2 + 19)
- **Preparing new project proposals**
- **Expanding, sustaining and communicating within the network**
- **New regions for 2012: Central Asia, Sub-Saharan Africa and Gulf Cooperation Countries**



CBRN

**Centres
of Excellence**

An initiative of the European Union



CBRN
**Centres
of Excellence**
An initiative of the European Union



<http://www.cbrn-coe.eu/>

HOME | CoE INITIATIVE | CBRN | PARTNERS | CONTACTS | NEWS ARCHIVE | JOIN CoE | CALL FOR PROPOSALS

CoE: a coordinated strategy for **CBRN** risk mitigation.
Synergy of international & regional initiatives

[Click here](#) to be part of the international network for CBRN risk mitigation!!!



Key-Points of the CBRN CoE Initiative

A coordinated strategy for CBRN risk mitigation

The creation of the CBRN Centres of Excellence (CoE) aims at implementing a coordinated strategy for CBRN risk mitigation at the international, regional and national levels. The origin of the risk can be criminal (proliferation, theft, sabotage and illicit trafficking), accidental (industrial catastrophes, in particular chemical or nuclear, waste treatment and transport) or natural (mainly pandemics). The CBRN CoE initiative supports, at national and regional levels, the reinforcement of the institutional capacity needed to fight against this risk.

The CBRN CoE is sponsored by the European Union through the EU Instrument for Stability (IFS - Regulation (EC) No 1717/2006).

The CBRN CoE is implemented jointly by the Joint Research Centre (JRC) of the European Commission and the United Nations Interregional Crime and Justice Research Institute (UNICRI).

Since the launch of the CBRN CoE in 2010, many international organisations working in CBRN related fields have already joined us, such as: IAEA, WHO, OPCW, BWC ISU, EUROPOL, European Biosafety Association.

The CoE addresses regional CBRN needs in collaboration with the interested countries through specific tailored scientific and technical projects. The first projects were launched in South-East Asia in 2011.

Collaboration is based on the voluntary involvement of experts, organisations and countries within the CoE Initiative. The cost of the use of these resources will be covered by the CoE Initiative.

Benefits for countries

Partner countries benefit from the activities of the CoE in a variety of ways

- Reinforcement of National CBRN policy
- Improvement of institutional capacities in legal, regulatory, outreach, control, technical and law enforcement domains in order to mitigate CBRN risk
- Capacity building and maximisation of existing capacities at regional and national levels
- Membership of an international CBRN expert network
- Strengthening existing networks and regional cooperation
- Enhancing national coordination in the field of CBRN risk mitigation
- Promoting cooperation between the EU and the regions on CBRN activities

Highlights

NEW: Volume 2 of the CoE Newsletter published



The CoE Newsletter provides information on latest developments and activities carried out in the framework of the European Union's CBRN CoE Initiative.

Archive: [Volume 1.pdf](#)

Joint Press Statement following the 7th Senior Officials Meeting (SOM) between the Philippines and the European Union, Manila, December 2011

From the Official Gazette of the Office of the President of the Philippines: "The Philippines and the EU affirmed their mutual interest in a peaceful and stable Asia-Pacific region and in this regard the EU welcomed the Philippines' interest to host the Southeast Asia Permanent Secretariat of the CBRN CoE. Both sides agreed to continue consultations on this matter."

Joint Press Statement

Presentation: CBRN Centres of Excellence Political rationale

Download: [CoE Political Rationale.pdf](#)

For additional information contact Bruno Dupré,
European External Action Service, Security Policy Division
at bruno.dupre@eeas.europa.eu or tel. +32 2 295 62 02

Past Events

• CBRN CoE Bilateral Meeting in Albania. 7 February 2012

The First CBRN CoE Bilateral Meeting in Albania was held on 7 February 2012. The CoE team members met with the representatives of the institutions and agencies dealing with CBRN risk mitigation.

• G8 Global Partnership, Washington DC, the USA 24 January 2012



**For all the stakeholders who want to join the network,
please send a request to**

cbrn-coe@jrc.ec.europa.eu

Access to the portal (public section)

www.cbrn-coe.eu

Submission of new project proposals

Via your national contact point



Thank you.

**Please do not hesitate to come and see me
for further information and details.**

Email

Willem.janssens@ec.europa.eu