

Border Monitoring Implementation in ASEAN and the surrounding Countries



Noor Fitriah Bakri
Office of Nuclear Security



IAEA

International Atomic Energy Agency

BRUNEI

2014

- Request for border capability development Awareness
- Discussion was put on hold until acceptance to become MS to IAEA and designation of clear responsibility for competent authority take place

CAMBODIA

On Going (2013)

Donated (*to be integrated to their CBRN Team*)

- High Purity Germanium Spectrometer
- Spectrometric Portable Radiation Scanner

Training

- Train the Trainers for Front Line Officers –
7-11 October 2013



RTG Radiation Detection Techniques for
FI O Siemreap July 2014

INDONESIA

Completed (2012)

- Port of Belawan 1 vehicle RPM
- National Train the Trainer for Front Line Officers
– 20-25 January 2013
 - Customs, Ministry of Transport (Sea) and BAPETEN participated

INDONESIA

On-Going (2012-2014)

- Procurement stage for;
 - Port of Semarang – 1 vehicle RPM
 - Port of Bitung – 1 vehicle RPM
 - Port of Makassar – 1 vehicle RPM
 - 15 PRDs, 6 RIDs and 3 NSDs
- National Coordination developed
- Stakeholders maturity developed and observed
 - CONOPS and SOPs developed for Belawan
- Participated to *Border Interdiction Seminar on Radiological and Nuclear Materials - Bangkok, Thailand, 12-13th June 2013*
- Request to upgrade and relocate vehicle RPM in Batam Island including INSN Integration
- Negotiation for new cooperation offer from US Megaport for Tanjung Priuk and/or Tanjung Perak



Remarks :

Regional experts for MEST available from Indonesia

LAOS

- INSServ was conducted on April 2014
- Donation of radioactive source for training.
- Collaborate on capacity building program with EU JRC (provided radiation detection equipment)

MALAYSIA

2014

- **Establishment of mobile detection capability**
 - PRD and Software Package - 100 units
 - Radiation Identification Devices - 19 units
- **Establishment of Acceptance, Testing and Maintenance Laboratory**
 - Radioactive sources
 - Nuclear Materials



Testing materials

Completed (2013)

MYANMAR

2015

- Request assistant to develop border detection capability from Regulatory Body with cooperation from Myanmar Customs.
- Assessment of assistant Q1, 2015

2014

- Received INSSP mission

PHILIPPINES

2015

- Update decoction and response capability developed through US SLD Program to IAEA INSSP
- Request for INSN integration to PNRI (INNSP)
- Enhancement of the Role of Mobile Expert Support Team

Remarks :

Regional experts for FLO and MEST Known available and never been utilized for regional activity.

THAILAND

- *Thailand: National Workshop for Development of Concept of Operations and Standard Operating Procedure for Radiation Detection and Response at Borders, 16-20 June 2014*

Remarks

- *Lead negotiation for nuclear security cooperation with IAEA to focus on IAEA sustainability program*
- *Request to cooperate to support regulatory program for ASIANTOM*

SINGAPORE

- Limited info on the status of implementation
- Involved in 2 regional activities in Vienna in November 2012 and in Russia, March 2013.

VIETNAM

2015

- Relocation of RPM in Noi Bai International airport
- 4 additional RPM in the new Noi Bai terminal
- Assessment of RPM installation in Tân Sơn Nhất International Airport, Ho Chi Minh
- Integration of detection data from Cai Mep SeaPort to INSN

Completed (2013)

- Noi Bai Airport – 8 Pedestrian RPMs
- National Train the Trainers for Front Line Officer 24-28 September 2013
 - Customs, Ministry of Defense and VARANS participated.



IAEA

Training Materials available in Vietnamese

VIETNAM-cont'

- Awareness for National coordination, CONOPSs and SOPs initiated and on final draft (public Viewing)
- Operational Coordination for Effective Response to Detection Alarms Training Course (FLO/MEST) Training and Field Exercise SOPs Validation (Pilot) – August 2013 (Vung Tau, Vietnam)

ASEAN SECRETARIAT

- Expressed support for Regional approach and willingness to cooperate
- Participated to 4 Regional Activities (*including recent Border Interdiction Seminar*)
- Explore to cooperate with IAEA through ASEAN Nuclear Regulatory Body Network (ASEANTOM)
- IAEA participated as observer to ASEANTOM meeting in Phuket (2013) and Chiang Mai (2014)

THANK YOU

