



National Detection Plan on the Illicit Trafficking of Nuclear and Other Radioactive Materials

**Meeting between Indonesia and Egypt Delegation
Jakarta, 10 March 2015**



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Introduction





Introduction

Vulnerability in illicit trafficking in Indonesia:

- Archipelago state
- Located between two continents (Asia and Australia) and two oceans (Indian and Pacific Ocean)
- Geography of Indonesia's archipelago:
 - ✓ Consist of 17.508 islands,
 - ✓ Total area 5.180.053 km²:
 - 1.922.570 km² land
 - 3.257.483 km² water
- 18 international seaports and 22 international airports
- History of civil unrest and terrorist attacks: potential risk in security



Issues with RPM Operation

National Coordination

- ✓ Relevant authorities: Customs and Excise, DG of Sea Transportation, Police, Intelligence, Harbour Master, Port Operator

Status of RPM concept of operation (CONOPS) and SOP

- ✓ Has been established for Belawan, Bitung
- ✓ Being developed for Makassar and Semarang

Training

- ✓ MEST in 2013
- ✓ FLOs in Belawan, Batam and Surabaya in 2014

Distribution of equipments

- ✓ Belawan Seaport Coastguards
- ✓ Belawan Seaport Customs and Excise
- ✓ Headquarter of Customs and Excise



12 Busiest Airports in Indonesia

1	Soekarno–Hatta International Airport	Banten	Jakarta	CGK	59,701,543
2	Juanda International Airport	East Java	Surabaya	SUB	17,683,955
3	Ngurah Rai International Airport	Bali	Denpasar	DPS	15,630,839
4	Sultan Hasanuddin International Airport	South Sulawesi	Makassar	UPG	9,634,237
5	Kuala Namu International Airport	North Sumatra	Medan	KNO	8,304,710
6	Sultan Aji Muhamad Sulaiman Airport	East Kalimantan	Balikpapan	BPN	7,194,859
7	Adisucipto International Airport	Yogyakarta Special Region	Yogyakarta	JOG	5,775,947
8	Syamsudin Noor Airport	South Kalimantan	Banjarmasin	BDJ	3,888,993
9	Achmad Yani International Airport	Central Java	Semarang	SRG	3,295,022
10	Sultan Mahmud Badaruddin II International Airport	South Sumatra	Palembang	PLM	3,031,761
11	Minangkabau International Airport	West Sumatra	Padang	PDG	2,643,519
12	Sam Ratulangi International Airport	North Sulawesi	Manado	MDC	2,322,162



Seaports in Indonesia

Main seaports

No.	Main seaports	RPM installed	Notes
1.	Tanjung Priok	2	Customs
2.	Tanjung Perak	1	Customs
3.	Belawan	1	Coast guards
4.	Soekarno – Hatta - Makassar	-	Under construction

Class I seaports

No	Class I Seaports	RPM installed	Notes
1	Dumai	-	
2.	Batu Ampar Batam	1	Local government
3.	Teluk Bayur	-	
4.	Palembang	-	
5.	Panjang Lampung	-	
6.	Banten Cilegon	-	
7.	Tanjung Emas	-	Planning this year
8.	Benoa	-	
9.	Pontianak Barat	-	
10.	Banjarmasin Selatan	-	
11.	Balikpapan Timur	-	
12.	Bitung Utara	-	Under construction
13.	Ambon Maluku	-	
14.	Sorong Papua	-	



Current Plan

I. RPM has been installed in the following seaports

- 1. Tanjung Priok Seaport - Jakarta**
- 2. Batu Ampar Seaport - Batam**
- 3. Tanjung Perak Seaport - Surabaya, and**
- 4. Belawan Seaport – Medan (EU Joint Action IV)**

II. Next installation in 2015 (EU Joint Action V)

- 1. Soekarno Hatta Seaport - Makassar**
- 2. Bitung Seaport - Manado**
- 3. Tanjung Emas Seaport – Semarang**

III. Relocate RPM in Belawan dan Batam Seaport



RPM at Belawan Seaport, North Sumatera





RPM at Tanjung Perak Seaport, East Java





RPM at Batu Ampar Seaport, Batam





RPM at Bitung Seaport, North Sulawesi



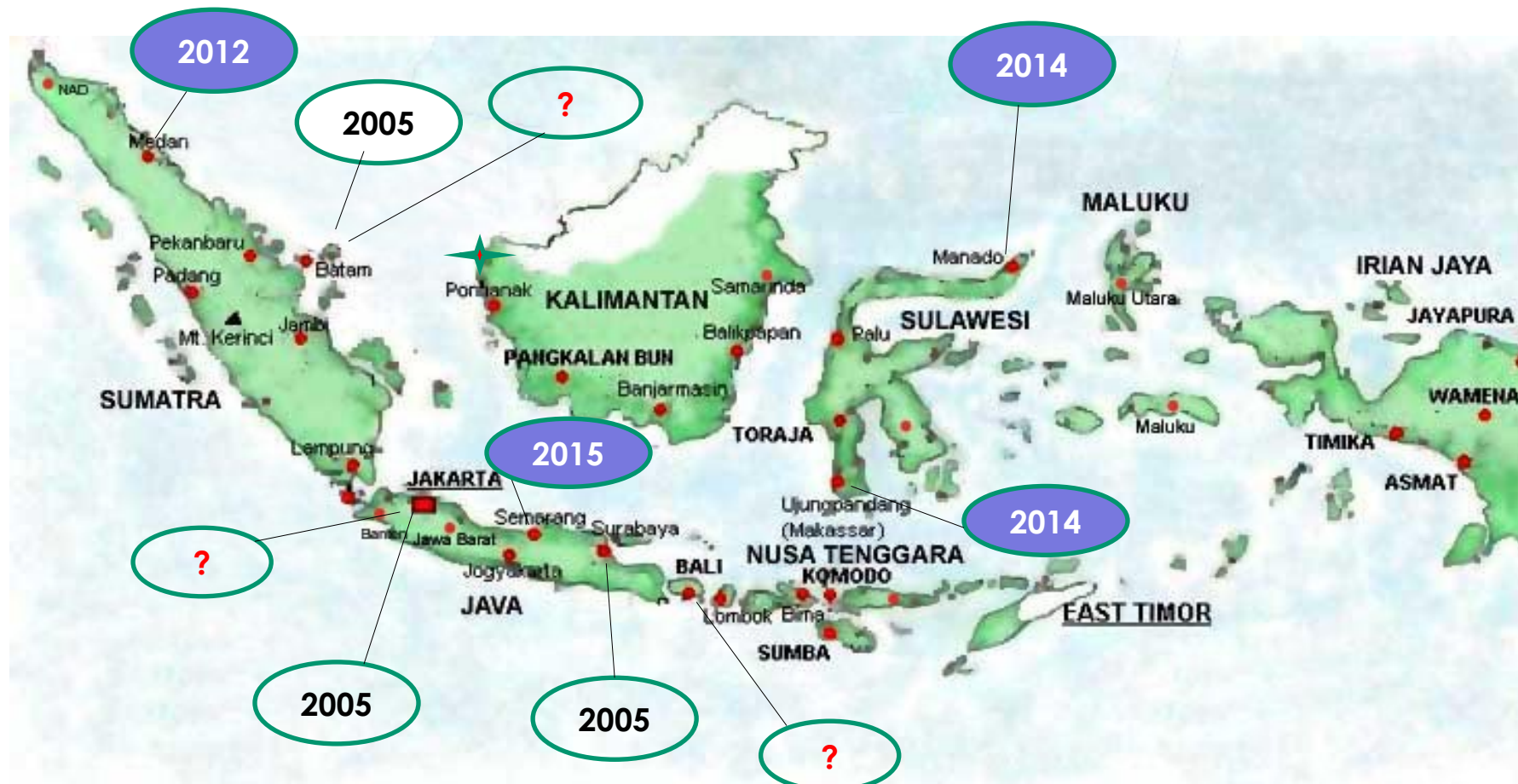


Future Plan

1. Awareness programme
2. Scientific visit and benchmarking missions to countries
3. Relocate RPM in Belawan and Batam Seaport
4. Upgrade RPM at Tanjung Priok, Tanjung Perak and Batu Ampar
5. Install RPM at Class I of seaports
6. Install RPM at international airports (i.e. Jakarta and Denpasar)
7. Install RPM at a scrap metal seaport (Cilegon)
8. Integration in INSN (NDAC and ASC)
9. Establish mobile detection system for major public event, especially for national police
10. Pedestrian RPM at international passengers seaports and airports



RPM Installation



- RPM installed and owned by Custom
- RPM installed by IAEA donor

Next priority of possible RPM installation



Training Needs

Type of training:

1.FLO's (Customs and Excise, Port Operator, Harbour Master and Police)

2.MEST

3.Other relevant institution (radiation detection and protection)

- **Local government**
- **Waste management**
- **Intelligence**
- **Immigration**
- **Indonesian Army**
- **Indonesia Maritime Security Board**



Thank you

