



•RILO A/P

- Risk profiling and takeback on Hazardous Waste**
- Lesson learnt from Project Sky-Hole-Patching & Project Sky-Hole-Patching II**

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Background

- **Proposed by China Customs**
- **Coordinated by RILO A/P and UNEP**
- **Tabled for discussion at the 11th WCO Regional Conference of Heads of Administrations in Apr 06**
- **Adopted at the 4th Joint Southeast Asia and Pacific/South Asia Customs-Ozone Depleting Substances Officers Cooperation Workshop**

Background

- The main objective of the Project:
To form an united anti-environmental crime front in the A/P region to curb the illegal trade in ODS and hazardous wastes

- Implementation by two phases:
 - Phase I – Six-month trial period from 1.9.2006 (focus on ODS)

 - Phase II – continuation of Phase I w.e.f. 1.3.2007 (hazardous wastes included)

 - Routine operation (w.e.f. 1 Nov 2007) – **maintain the notification mechanism**

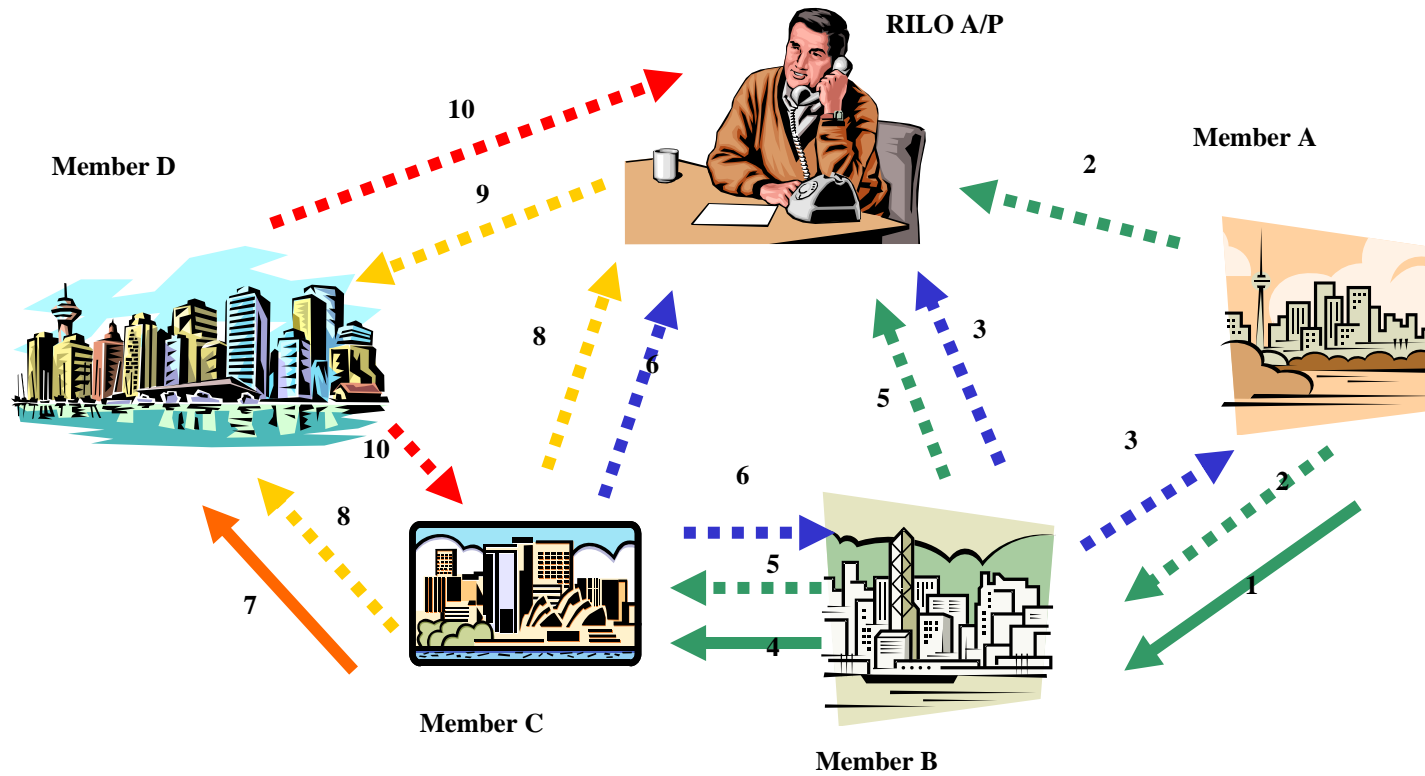


Participants

16 Members → 21 Members

**Australia; Bangladesh; Bhutan; Brunei;
Cambodia; China; Fiji; Hong Kong China;
India; Indonesia; Japan; Korea; Macao China;
Maldives; Mongolia; New Zealand;
the Philippines; Samoa; Sri Lanka;
Thailand; Vietnam**

Monitoring Mechanism



Seizures from (1.9.2006 – 31.10.2010)

on ODS

- **44 seizures /789,324 Kg
/39,560pcs**
- **Nature of Seizures:
CFC-12, HCFC-123, HCFC-22, &
mixture, equipment containing
ODS**

on Hazardous Waste

- **342 seizures / 29,440,106 Kg**
- **used batteries, used
computer monitors, used TV
monitors, copper ash,
electronic and telephone
parts**

*Common Hazardous Waste made by
Hong Kong Customs*



**Used computer monitors and TVs
with cathode ray tubes**



Used batteries

Significant Cases

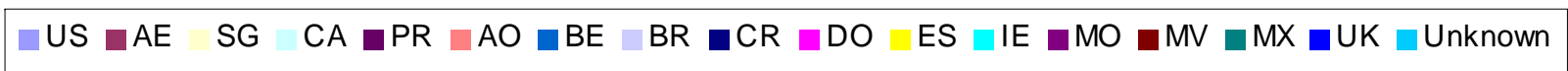
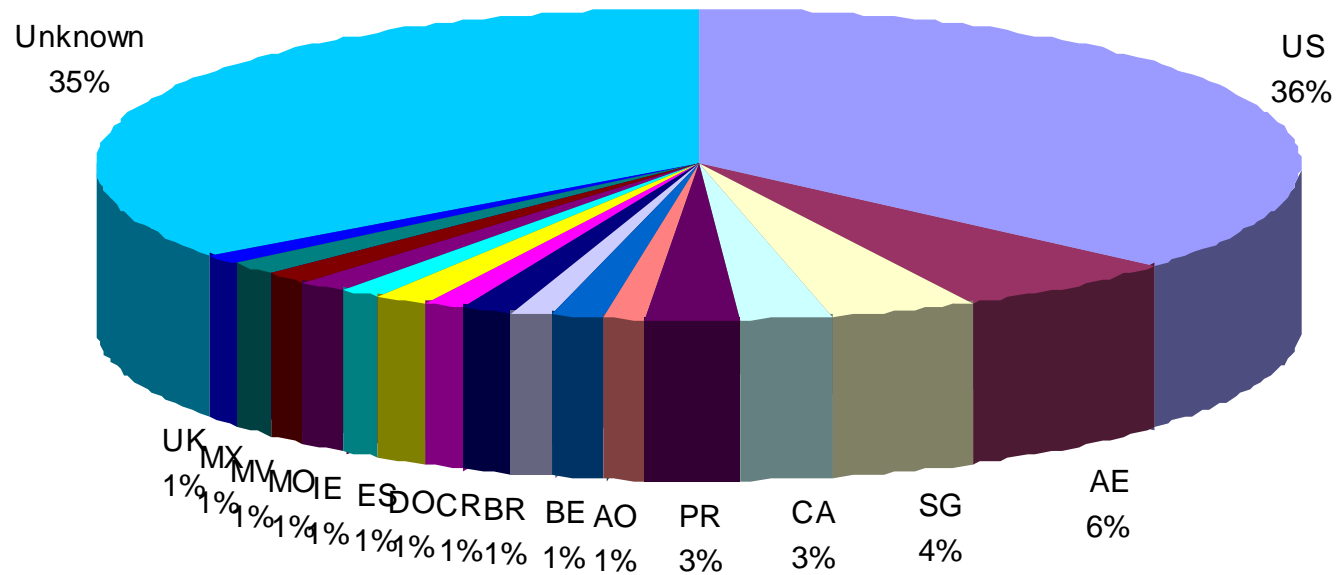


Indonesian Customs –
3,962 cans of R12

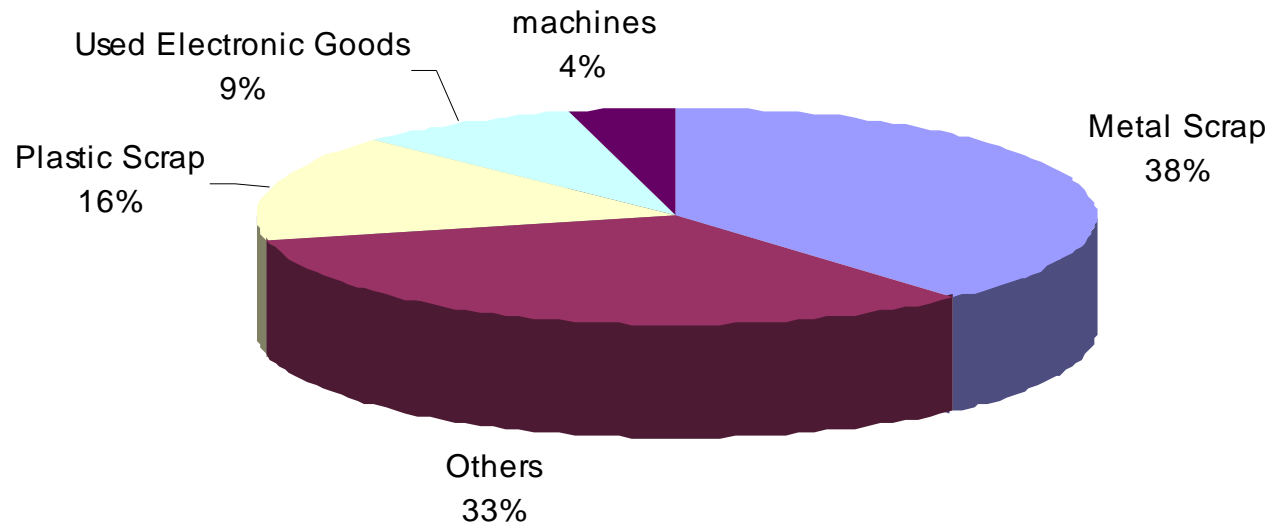
China Customs –
Ningbo – 2,280 cans of R22



Country of Loading for Hazardous Waste



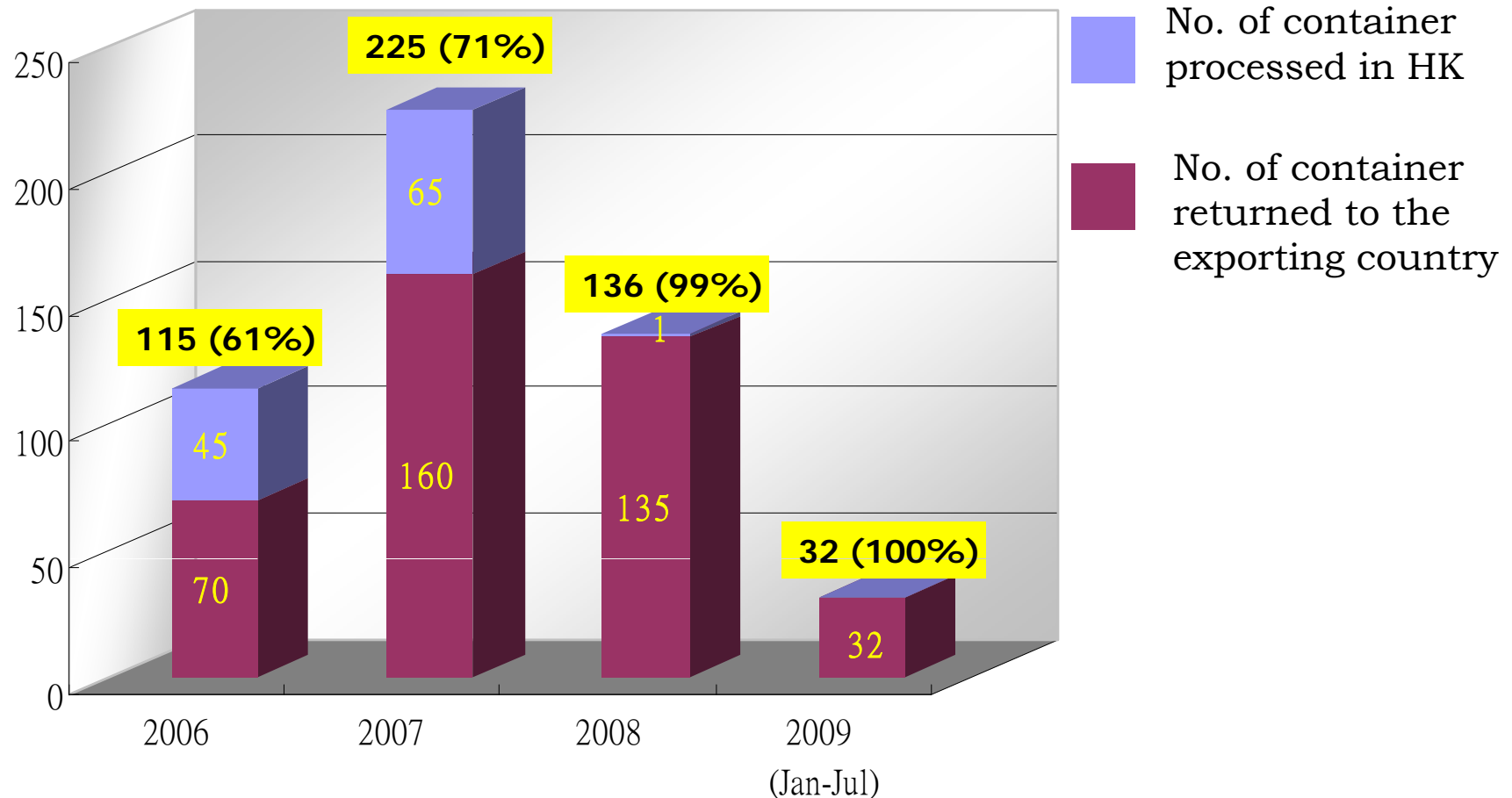
Commonly Declared items



■ Metal Scrap ■ Others ■ Plastic Scrap ■ Used Electronic Goods ■ machines

Returning Rate of Hazardous Waste by HK Customs

No. of container



Latest trend observed

- 1. North America (USA & Canada) as the major source of hazardous waste**
- 2. Smuggling of waste batteries with diversified routings**
 - Originated from North America & Europe
 - En route from ports in Central America, South America, Africa & Middle East to Hong Kong

Latest trend observed

3. Declining trend on waste containers seized

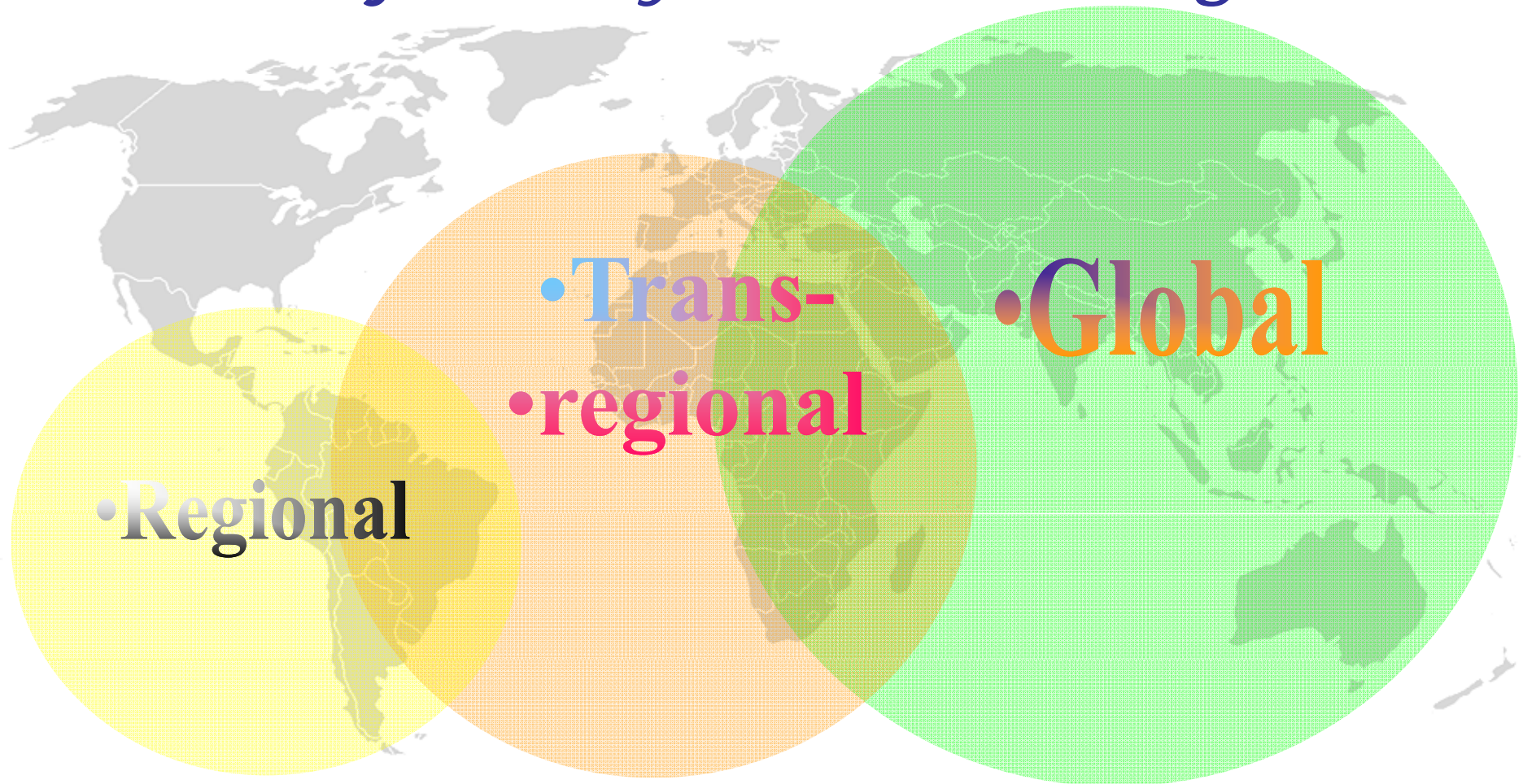
- Financial Tsunami
 - *Slow down of industrial development on the Mainland*
 - *Decrease in demand for secondary raw materials*
 - *Drop of metal prices on the Mainland*
- Success of Customs & EPD joint “Strategic Control Scheme on Hazardous Waste”

Risk Management

Risk indicators for cargo selection

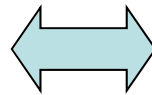
- Vessel selection – high risk exporting countries
 - *E.g. USA, Canada and Middle East, etc.*
- Cargo selection – declaration on manifests
 - *E.g. metal scrap and plastic scrap*
- Cargo selection – consignees
 - *E.g. companies dealing with recycling or electronic industries*

*Extension of
Project Sky-Hole-Patching*



Project Sky-Hole-Patching

Cooperation with VROM (Ministry of Housing, Spatial Planning and the Environment, the Kingdom of Netherlands)



Ministry of Housing, Spatial
Planning and the
Environment

- **Discussion started on November 2008**
- **Activated the monitoring mechanism – January 2009**
- **18 notifications from VROM through RILO A/P to members**
- **6 notifications from members through RILO A/P to VROM**

Operation Demeter



**to Combat Illegal Trans-boundary Movement of
Hazardous Waste
in Europe, Asia-Pacific and Africa RILOs**



Participants

- Total 64 Customs Administrations
- Europe: 39
- Asia and the Pacific: 15
- Africa: 10

Results

56 seizures / 36,174 tons / 1,830 pieces of waste

In 50 days

by 11 countries

**Belgium, Cyprus, Denmark, France, Ireland, Italy,
Netherlands, Poland, Portugal, Spain, Sweden, and Hong
Kong**

Conclusion and Development

- Combat Illegal trades in ODS**
- Inspired by the success of PJ SHP**
- Rise of consciousness in environmental protection**
- Inadequate within only one region**
- Customs Administrations over the world join hands**
- Going global –**
 - Project Sky-Hole-Patching II**



•Project Sky-Hole Patching II



- **Sky-Hole-Patching II:**
 - Globalized version of SHP initiated by WCO and UNEP
 - Period: 3 May to 2 Nov. 2010 (six months)
- **Supported by:**
 - WCO's 11 Regional Intelligence Liaison Offices (RILOs)
 - RILO AP as Operational Coordination Unit (OCU)
 - National Ozone Units (NOUs)
 - Division of Technology, Industry and Economics (DTIE), UNEP and its Regional Offices



•Project Sky-Hole Patching II



- **Participated by Customs from 80 countries:**

- Asia Pacific: 34
- Europe & Central Asia: 23
- Africa: 20
- South America: 3
- North America: 0

- **Actions deployed at 275 selected air, land and sea ports:**

- Monitoring the trade in ODS with intensified actions
- Notification of high-risk shipment
- Feedback against received information
- Detection and prevention of illegal ODS shipments in all participating countries



• Project Sky-Hole Patching II

The screenshot shows the WCO OMD CENcomm web interface. The header includes the WCO logo and navigation links for Home, Mailbox, and Logout. The main content area is titled "WCO - OMD CENcomm : closed user group 'Sky-Hole Patching Project II'". It features a sidebar with navigation links such as "Your role - OCU+", "Formatted messages", "Messages database", "Library", "OCU+ admin", "Operation users", "Operation statistics", "Container number", and "User guide". The main area contains a "Email recipients" section with radio buttons for "All OCU", "NCPs", and "Plain users", and another section for "Attachments" with a file input field, a "浏览..." button, and "Attach more files", "Reset", and "Send" buttons. A "Subject" field and a "Message" body are also visible. The interface is overlaid with red text and bullet points.

Communication and Intelligence Tool

- *CEN COMM: specially for joint operations*
- *Secured platform for information exchange*
- *Simple operation*
- *Technical Support from WCO & RILO AP*

Training of Customs officers

Training to arm Customs officers with awareness and skills:

- Numerous workshops hosted by NOUs
- Regional Green customs workshop under the Green Customs Initiative (GCI):
 - ✓ 13-15 April, Lebanon
 - ✓ 7-8 April, India, together with border dialogue
 - ✓ 13-16 July, Dominican Republic
 - ✓ 21-23 Sept. China, with regional Seminar
 - ✓ 4-6 Oct. Panama
 - ✓ 11-15 Oct. Turkmenistan, with ECA Enforcement Network Meeting
 - ✓ 12-14, Oct. Malawi
 - ✓ 27-29 Oct. Niger
 - ✓ 28-29 Oct. Nepal





•Project Sky-Hole Patching II



Role of RILO AP

- **Coordinate and ensure the smooth running of the Project**
- **Facilitate the notification flow/ information exchange**
- **Provide training & technical supports**
- **Promote usage**
- **Publish timely information such as newsletters**

• Project Sky-Hole Patching II



RILO AP provided training to Customs Officers during Regional Seminar held in Beijing co-organized with UNEP ROAP in September 2010



•Project Sky-Hole Patching II



Results:

- 46 Export Notifications
- Reported seizures via CENcomm:
 - 26 seizures
 - 4,327 cylinders (64 tons) ODS
 - 668 equipment containing ODS
- Categories:
 - CFC12 and its mixture
 - HCFC22 and its mixture
 - R-134a
 - Other refrigerants

PROJECT SKY-HOLE PATCHING II

3.5.2010 – 3.11.2010



4th Newsletter

Welcome to the 4th Newsletter of the Project Sky-Hole-Patching II. The project has been running for 4 months since its commencement.

In August, there is 1 seizure notifications from Royal Thai Customs with interception of 100 cylinders of DICHLORODIFLUOROMETHANE (R-12) with the total weight of 1,301 kgs. The shipment was declared to be a permitted chemical which is "TETRAFLUOROETHANE R-134a 1.1.1.2 CAS No: 811-07-2" but inside the cylinders there contained restricted ODS "DICHLORODIFLUOROMETHANE R-12 CAS No: 75-71-8". This is an encouraging news for all of us. Good job from Royal Thai Customs! Keep it up!



(Photograph by courtesy of Royal Thai Customs)



Project Sky-Hole Patching II



Seizure Summary

Reporting Participant	Case Reported	ODS Seizure Type	ODS in No of Containers/ cylinders	ODS in Kg	Equipment contains ODS
Armenia	1	R-502	15	240	0
China	1	CFC-12	1,140	15,504	0
Gambia	1	HCFC-22	12	192	0
Hong Kong	1	CFC-12	100	1600	0
Croatia	1	R-134A	10	160	0
India	3	R-22 & R-22 Mixture	1,139	18224	170
Kenya	1	CFC-12	37	592	0
Sweden	7	CFC-12, R-134a, R-600A	0	0	472
Thailand	4	CFC-12 & HCFC-22	1,766	25,286	0
Uzbekistan	4	CFC-12,HCFC-22, R-134a, R-600a	46	736	26
Poland	1	HCFC-22	2	14	0
Bahrain(by RILO ME)	1	CFC1-2, HCFC-22	60	960	0
Total	26		4,327	63,508	668

•Project Sky-Hole Patching II

Case 1



48 cylinders of R-12 seized by Royal Thai Customs on 6 May 2010 (652.8kg) – some labeled as R-134a

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Case 2



12 cylinders of R-12 seized by Gambian Customs on 4 June 2010, Over 2 tons of cocaine with a street value of 1 billion USD were seized alongside the ODS. This gives evidence of the link between ODS smuggling and other organized crime. 4 June 2010

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Case 3



1,140 cylinders of R-12 seized by China Customs at Huangpu on 25 June 2010 (15 tons)

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Case 4



528 (8.9 tons) cylinders of R-12 & R-22 seized by Royal Thai Customs on 4 August 2010

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Case 5



100 cylinders R-12 seized by Hong Kong Customs on 2 Sept. 2010



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Observations and conclusions

- **Non-declaration, mislabeling and concealment remain major modi operandi of smuggling**
- **SHPII has effectively monitored the trade in ODS and combated illicit trafficking**
- **SHPII helped bring awareness of illegal trade in ODS**
- **Enhanced practical cooperation among all participating parties, and national agencies**



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Observations and conclusions (Cont'd)

- **New trafficking trends have emerged in many countries**
- **Continued risk of illegal trade in CFCs in Article 2 and 5 countries with remaining service needs**
- **Growing risk of illegal trade in HCFCs with more trade restrictions and bans in place**
- **Vigilance and effective enforcement actions are still needed to put an end of illegal trade**
- **Disposal of seized ODS – big challenges faced with Customs and NOUs**

Thank you !



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