



## **DEPARTMENT OF ENVIRONMENT, PARKS AND RECREATION**

Ministry of Development

### **WORKSHOP 2015 OF THE ASIAN NETWORK FOR THE PREVENTION OF ILLEGAL TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES:**

**Brunei Darussalam Updates on  
National Regulations, Implementation  
and Import / Export Statistics**

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## BRUNEI DARUSSALAM CONTEXT

**Haz-ard-ous waste** / ʰazərdəs wāst / 1 “waste prescribed by any regulations made under **the Hazardous Waste (Control of Export, Import and Transit) Order 2013**, where the waste has any of the characteristics mentioned in Annex III to the Basel Convention, or waste that belongs to any category contained in Annex I to the Basel Convention, unless it does not possess any of the characteristics contained in Annex III to that Convention.”

Brunei Darussalam distinguish hazardous and non-hazardous wastes based on the Basel criteria below:

- ✓ Waste stream (code Y of Annex I)
- ✓ Hazardous characteristics (code H of Annex III)
- ✓ Types of wastes (code A of Annex VIII)



## **REGULATIONS FOR HAZARDOUS WASTE**

- **Hazardous Waste (Control of Export, Import and Transit) Order 2013**
  - Procedures on export, import and transit of hazardous wastes are in accordance with the requirement of Basel Convention
  - Basel permits are issued for the arrangement of export, import and transit of hazardous waste
  - Specify the kinds of import, export and transit proposals that are within the scope of the Basel Convention.
  - This order has been gazetted but has not come into force. As of now, all measures taken to control transboundary movement of hazardous wastes and to implement the Basel Convention are on administrative means/basis.
- **Pollution Control Guidelines on Industrial Development in Brunei** is used for any industrial activities and other activities on environmental related issues



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## UPDATES ON EXPORT OF HAZARDOUS WASTE STATISTICS

Year	Country of Destination	Y Code	Waste streams	Annex VIII	Amount exported (metric tons)	Country/ies of transit	D Code	R code
2014	Korea	Y31/Y34	Lead-acid batteries	A1160	122.885	Hong Kong	N/A	R4
2014	Korea	Y31/Y34	Lead-acid batteries	A1160	73.518	Hong Kong	N/A	R4
2014	Korea	Y31/Y34	Lead-acid batteries	A1160	73.522	Hong Kong	N/A	R4
2014	Korea	Y31/Y34	Lead-acid batteries	A1160	99.247	Hong Kong	N/A	R4
2014	Korea	Y31/Y34	Lead-acid batteries	A1160	124.114	Hong Kong	N/A	R4
2014	Korea	Y31/Y34	Lead-acid batteries	A1160	47.534	Hong Kong	N/A	R4
2014	Korea	Y31/Y34	Lead-acid batteries	A1160	75.356	Hong Kong	N/A	R4
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	76.128	Hong Kong	N/A	R4
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	125.849	Hong Kong	N/A	R4
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	197.560	Hong Kong	N/A	R4



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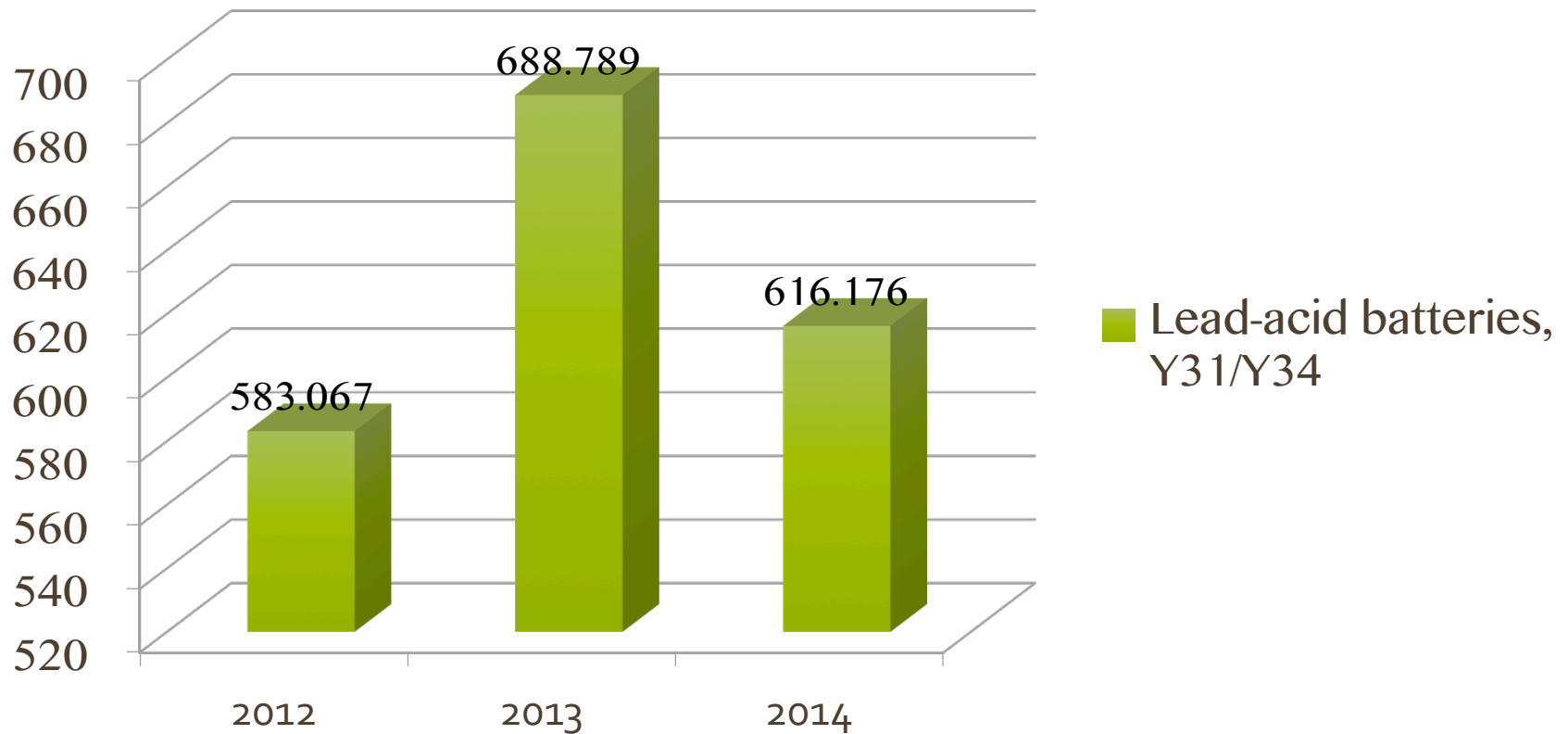
## UPDATES ON EXPORT OF HAZARDOUS WASTE STATISTICS

Year	Country of Destination	Y Code	Waste streams	Annex VIII	Amount exported (metric tons)	Country/ies of transit	D Code	R code
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	74.476	Hong Kong	N/A	R <sub>4</sub>
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	48.865	Hong Kong	N/A	R <sub>4</sub>
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	48.824	Hong Kong	N/A	R <sub>4</sub>
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	47.300	Hong Kong	N/A	R <sub>4</sub>
2013	Korea	Y31/Y34	Lead-acid batteries	A1160	69.787	Hong Kong	N/A	R <sub>4</sub>
2012	Korea	Y31/Y34	Lead-acid batteries	A1160	140.136	Hong Kong	N/A	R <sub>4</sub>
2012	Korea	Y31/Y34	Lead-acid batteries	A1160	118.683	Hong Kong	N/A	R <sub>4</sub>
2012	Korea	Y31/Y34	Lead-acid batteries	A1160	98.439	Hong Kong	N/A	R <sub>4</sub>
2012	Korea	Y31/Y34	Lead-acid batteries	A1160	65.598	Hong Kong	N/A	R <sub>4</sub>
2012	Korea	Y31/Y34	Lead-acid batteries	A1160	160.211	Hong Kong	N/A	R <sub>4</sub>



## AMOUNT EXPORTED IN METRIC TONNES

### Lead-acid batteries, Y3 1/Y34





## **REGULATIONS FOR E-WASTE**

- Hazardous Waste (Control of Export, Import and Transit) Order 2013
- No standards (or criteria) specified to distinguish UEEEs from e-waste for the purpose of import/export control
- Basel Convention
  - ✓ Regulate the import/export of UEEEs that are intended for reuse by application approval from government
  - ✓ Regulate the import/export of UEEEs which are intended for repair or refurbishment by application approval from government and through Prior Informed Consent (PIC) in accordance with the provision of Basel Convention





## **E-WASTE MANAGEMENT**

- Brunei has several authorised companies to recycle e-wastes
- Type of operation of existing facilities is using manual dismantling
- No specific national definition, rule or guideline to evaluate mixed metal scraps for metal recovery falling under non-hazardous or hazardous wastes
- Definition, rule or guideline is in accordance with the Basel Convention



## **BORDER CONTROL**

- No illegal cases reported for import and export of hazardous wastes
- Authority in charge for illegal traffic is the central office of the competent authority with close coordination between relevant agencies such as the Royal Custom and Excise, and Ports Department to control any illegal activities.



## **BORDER CONTROL**

- To strengthen border control and combat illegal traffic, measures taken are:
  - Strengthening the cooperation with other enforcement officials such as customs, port authority or police department through joint inspections when suspicious items are found
  - Collection and diffusion of information of import/export regulation of other countries
  - Training of enforcement officers
  - Awareness raising for importers/exporters such as through development of websites



## **BORDER CONTROL**

- Issues to be addressed for strengthening border control are:
  - ✓ Development of comprehensive and effective regulatory framework
  - ✓ Development of guidelines or manuals for inspection procedures and distinguishing hazardous wastes from non-hazardous wastes
  - ✓ Development of human resource (e.g. training of enforcement officials)
  - ✓ Establishment of cooperation mechanism among enforcement officials



## **CURRENT PLAN OF ACTION ON HAZARDOUS WASTES INCLUDING E-WASTES**

- Enforcing Environmental Impact Assessment for development projects related to hazardous waste
- Encouraging more private sectors involvement in e-waste recycling
- To expand environmentally sound hazardous disposal and treatment centre



## CONCLUSION

- Brunei Darussalam will continue its commitment in handling and controlling hazardous wastes movement in environmentally sound manner under the Basel convention and achieve the Brunei Darussalam's vision for 2035 that calls for a transformation towards a dynamic and sustainable economy
- Challenges are inevitable in facing and controlling the movement of hazardous wastes along with other relevant agencies.



**THANK YOU**

Thank You



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Thank You