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International Lead Association

ila

Blacksmith Institute – Pure Earth

Regional Overview of ULAB Regulations and Practices in Asia

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Cambodia

ULAB Recovery and Recycling Status

- *Jurisdiction – Ministry of Environment*
- *All ULAB collected exported to Vietnam*
- *All ULAB are drained prior to export*
- *Informal network of Vietnamese collectors*
- *No plans to recycle ULAB domestically*

China

ULAB Waste Management Policy/Laws

- *Jurisdiction – Ministry of Environment*
- *All ULAB are recycled domestically*
 - *But only 30 – 40% by formal sector*
- *Formal ULAB recyclers are licensed*
- *New Access Conditions apply to recyclers*
- *ULAB exports and imports are banned*

China

Access Condition Legislation - Parameters

- *Proximity Clause – 1 kilometre*
- *Size Clause – Minimum of 50,000 tpa Pb*
- *Emission and Discharge controls*
- *Vigilant monitoring and enforcement*
- *Approximately half of all smelters closed*

India

Battery Management and Handling Regs.

- *Does not follow the Basel Tech Guidelines*
- *Bans the import of whole ULAB*
- *Permits the import of used battery plates!!*
- *Formal licensing process – no inspection*
- *Informal sector recycles ~ 60% of ULAB*

Indonesia

ULAB Recovery and Recycling Status

- *Jurisdiction – Ministry of Environment*
- *Formal licencing process*
- *ULAB collection is formal and informal*
- *Informal smelters thrive*
- *Government actively engaged to improve*

Japan

ULAB Recovery and Recycling Status

- *Jurisdiction – Ministry of Environment*
- *Formal licensing process for smelters*
- *Domestic ULAB are recycled in Japan*
- *Modern environmentally sound plants*
- *Conforms to the BC and the Tech Guide*

Malaysia

ULAB Waste Management Status

- *Jurisdiction – Ministry of Env. & Nat. Res.*
- *All ULAB are recycled domestically*
- *Formal ULAB recyclers are licensed*
- *Follows Basel Technical Guidelines*
- *ULAB imports are banned*

Nepal

ULAB Recovery and Recycling Status

- *Jurisdiction – Ministry of Environment*
- *Have not enacted laws for the BC admin*
- *ALL ULAB exported illegally to India*
- *Little or no evidence of illegal recycling*
- *Government wants to recycle in Nepal*

Philippines

ULAB Waste Management Status

- *Dictated to an extent by the car industry*
- *Major LAB producer and ULAB recycler*
- *All ULAB are recycled domestically*
- *Formal ULAB recyclers are licensed*
- *Informal ULAB recycling is endemic*

Singapore

ULAB Waste Management Policy

- *Accession – January 96*
- *Hazardous Waste Act – Export/Import*
- *All ULAB are exported - PCD Permit*
- *Follow BC for Prior informed consent*
- *Enforced through constant monitoring*

South Korea

ULAB Recovery and Recycling Status

- *Jurisdiction – Ministry of Environment*
- *Formal licencing process for ULAB*
- *Massive LAB industry for Auto production*
- *Imports ULAB globally – but all drained*
- *Government not engaged to improve ESM*

Sri Lanka

ULAB Recovery and Recycling Status

- *Jurisdiction – Ministry of Environment*
- *Formal licencing process*
- *One environmentally sound smelter*
- *Recycles all domestic ULAB*
- *Not engaged in any upgrade process*

Thailand

ULAB Waste Management Status

- *Jurisdiction – Ministry of Env. & Nat. Res.*
- *All ULAB are recycled domestically*
- *Formal ULAB recyclers are licensed*
- *Follows Basel Technical Guidelines*
- *ULAB exports and imports are banned*

Vietnam

ULAB Recovery and Recycling Status

- *Jurisdiction – Ministry of Environment*
- *Commune based village recycling*
- *Smelters are licensed*
- *Technology dates from 400 BC*
- *Government now working to upgrade*

Thank you

