



UNEP



Basel Convention Regional Centre



International Lead Zinc Study Group

International Lead Association

ila

Blacksmith Institute – Pure Earth

The ESM of ULAB in Asia

Strategic Data and Information

The ESM of ULAB in Asia

Strategic Data and Information

Brian Wilson
International Lead Association
Blacksmith Institute





Objectives of the Data Sets

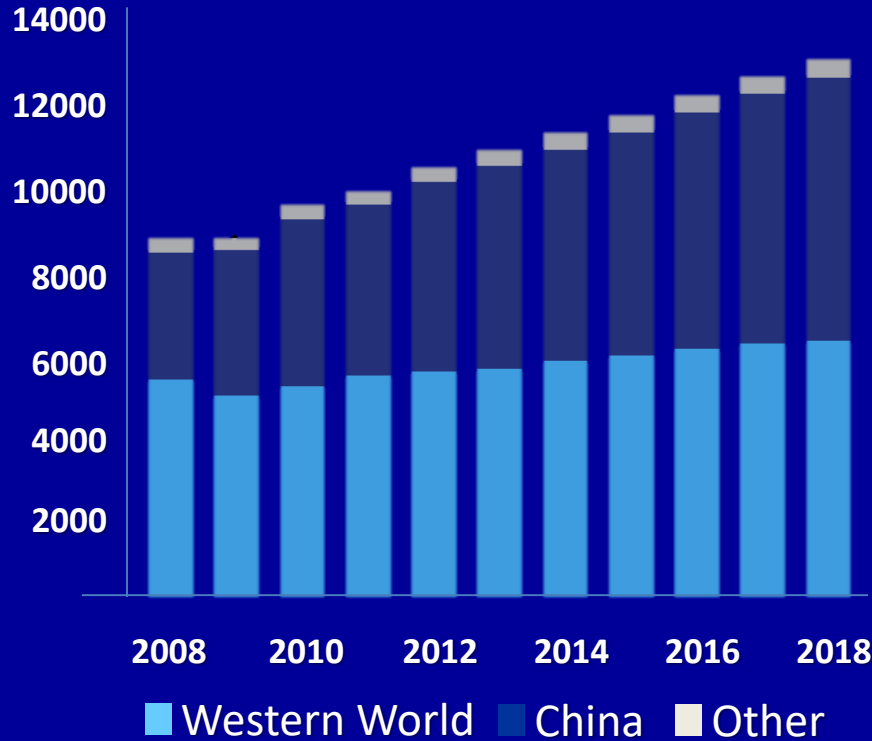
1. To support the strategy formulation

Objectives of the Data Sets

1. To support the strategy formulation
2. To classify Basel Convention compliance
3. To categorize resources, i.e. Smelters
4. To show LAB production & sales flows
5. To ascertain ULAB generation streams

Global Lead Production

Pb kT



Political and Recycling Status

Country	BC - Ratified	Compliant	ULAB Plant	ESM - ULAB	ULAB Export	ULAB Import	Secondary Pb	Primary Pb	Total Pb MT
Bangladesh	1993	✓	✓	?	✗	✗	?	?	?
Cambodia	2001	✗	✗	N/A	✓	✗	0	0	0
China	1991	✓	✓	✓✗	✗	✗	1531	3173	4704
India	1992	✗	✓	✓✗	✗	✓	348	129	477
Indonesia	1993	✗	✓	✓✗	✗	?	46	0	46
Japan	1993	✓	✓	✓	✗	?	155	87	242
Malaysia	1993	✓	✓	✓	✗	✗	22	5	27
Myanmar	2015	?	✓	?	?	?	2	0	2
Nepal	1996	✗	✗	N/A	✓	✗	0	0	0
Pakistan	1994	?	?	?	?	?	9	0	9
Philippines	1989	✓	✓	✓✗	✗	✓	30	0	30
Singapore	1996	✓	✗	N/A	✓	✗	0	0	0
South Korea	1994	✓	✓	✓ & ?	✗	✓	340	299	639
Sri Lanka	1992	?	✓	?	✗	✗	2	0	2
Taiwan	?	?	✓	?	✗	✗	34	0	34
Thailand	1997	✓	✓	?	✗	✗	92	0	92
Viet Nam	1995	✗	✓	✗	✗	✓	5	0	5

China – Secondary Lead Smelters

Company	Location	Smelter Type	Smelter Capacity	Refinery Capacity
Anxin Chentai Non-ferrous Metals Smelting	Baoding, Hebei	Secondary	50000	50000
Anyang Jinpeng Lead Industry Co Ltd	Anyang, Henan	Secondary	60000	6000
Anyang Yubei Gold & Lead Co Ltd	Anyang, Henan	Secondary	250000	250000
Baoding Gangan Nonferrous Metals Co	Baoding City, Hebei	Secondary	80000	80000
Guangling Juyuan Silver Ltd	Yangzhou, Jiangsu	Secondary	60000	60000
Hebei Anxin Huacheng Lead Co	Anxin, Hebei	Secondary	50000	50000
Henan Asia Metal Recycling Co Lt	Xinxiang, Henan	Secondary	86000	86000
Hubei Chukai Metallurgy Co Ltd	Xiangyang, Hubei	Secondary	60000	60000
		Total Capacity	696000	642000



China – Secondary Lead Smelters



China – Secondary Lead Smelters



Philippines/Taiwan – Secondary Lead Smelters



S E Asia – Secondary Lead Smelters



Indonesia – Secondary Smelters



Licensed ULAB Recycling Plants



Informal ULAB Recycling Plants

South Korea – Secondary Lead Smelters

Company	Location	Smelter Type	Smelter Capacity	Refinery Capacity
Dansuk Industrial Co Ltd	Siheung city	Secondary	60000	60000
Joong-il Metals Inc.	Ansan, Kyungki Prov.	Secondary	32000	32000
Korea Zinc Co. Ltd	Onsan, Kyonugnam Prov.	Secondary	50000	
Korea Zinc Co. Ltd	Onsan, Kyonugnam Prov.	Secondary	15000	
Korea Zinc Co. Ltd	Onsan, Kyonugnam Prov.	Secondary	15000	
Sangshin Metal Co Ltd	Ansan, Kyungki Prov.	Secondary	30000	30000
Wha Chang Ltd	Haman-gun	Secondary	45000	45000
	Total Capacity		247000	167000



South Korea – Secondary Lead Smelters



Indonesia – Secondary Lead Smelters













