



# REACH Steering Committee

Brussels, 21 June 2007

# Agenda

- ❑ Welcome to the attendees
- ❑ Pre-Consortium members so far
  - Zinc metal & compounds
  - Cadmium metal & compounds
- ❑ Summary of WG's deliverables
  - WG Technical and scientific matters
  - WG Legal and administrative matters
- ❑ Resolutions
- ❑ Next steps

# Pre-Consortium members so far

## □ Zinc

- Boliden AB
- Breakwater resources Ltd
- BUS Steel
- KCM sa
- La Floridienne
- Norzinco GmbH
- Rheinzink GmbH
- Ruhr-Zink GmbH
- Sumitomo
- Umicore, Brussels
- Umicore, Zn Chem., Angleur
- Xstrata Zinc
- Zinifex
- Zincox Resources Plc
- Zinsa

## □ Cadmium

- Boliden AB
- KCM sa
- La Floridienne / SNAM
- (Ruhr-Zink GmbH)
- Saft
- (Sumitomo)
- (Umicore, Brussels)
- Xstrata Zinc
- Zinifex

• : have send their signed Preliminary Agreement (MOU)

# Other potential members

- Having expressed their interest to join the Zn Consortium
  - US Zinc – USA
  - Horsehead – USA
  - Metal Dinslaken – Ge
  - Heubach - Ge
  - All ZOPA-members
  - Several Waelz-oxide producers (meeting at BUS-Steel on July 25)
  - Goldschmidt -Ge
  
- Contacted, but no clear indication so far:
  - Shepherd chem. Cy. - USA
  - Henkel – Ge
  - Mazak - UK
  
- Having expressed their interest to join the Cd Consortium
  - 3 Pigment producers

# WG – Technical & scientific matters

- WG had four meetings
  - reports were distributed
- Objective was:
  - to identify zinc and cadmium compounds to be covered by the consortia
  - to assess the importance of “Exposure Scenarios” for downstream user sectors

# Current scope of the subgroup – “Zinc metal, Zinc alloys, Zinc powder”

EINECS  
273-715-3

## □ Zinc metal

- Die-casting Alloys
- Brass
- Galvanizing alloys
- Powder

→ as Downstream users do not need to register the Zn content

→ as importer of such alloys will have to register the Zn content

# Current scope of the subgroup – “Zinc compounds”

	<u>EINECS</u>
<input type="checkbox"/> Zinc Oxide (commercial grades)	215-222-5
<input type="checkbox"/> Zinc sulphate	231-793-3
<input type="checkbox"/> Zinc phosphate	231-944-3
<input type="checkbox"/> Zinc chloride	231-592-0
<input type="checkbox"/> Zinc chloride, ammonium salts	.....
<input type="checkbox"/> Zinc carbonate	222-477-6
<input type="checkbox"/> Lithopone	.....
<input type="checkbox"/> Zinc hydroxide	
<input type="checkbox"/> Zn Borate	
<input type="checkbox"/> Zn cyanide	
<input type="checkbox"/> Zinc phthalate	
<input type="checkbox"/> <b>Zinc neodecanoate</b>	<b>248-370-4</b>
<input type="checkbox"/> <b>Zinc 2-ethylhexanoate</b>	<b>.....</b>
<input type="checkbox"/> <b>Zinc oleate</b>	<b>.....</b>
<input type="checkbox"/> <b>Zinc stearate</b>	<b>209-151-9</b>

# Current scope of the subgroup – “Isolated transported Intermediates” (1)

	<u>EINECS</u>
❑ Calcines, RLE Zinc smelting	273-715-0
❑ Calcines, ISF Zinc smelting	305-411-1
❑ Calcines, Waelz Zinc fuming	273-760-6
❑ ZnSO4 neutral bleed, RLE Zinc smelting	231-793-3
❑ ZnSO4 acidic bleed, RLE Zinc smelting	273-723-4
❑ Cu Cd cement, RLE Zinc smelting	293-311-8
❑ Cu cement, RLE Zinc smelting	266-964-1
❑ Cd cake, RLE Zinc smelting	293-309-7
❑ Ni Co cement, RLE Zinc smelting	273-767-4
❑ Pb Ag Leach concentrate, RLE Zinc smelting	273-766-9
❑ Zinc crude ashes, Zinc alloys melting	273-824-3
❑ Zinc flue dust, Zinc alloys melting	286-648-7



# Current scope of the subgroup – “Isolated transported Intermediates”(2)

	<u>EINECS</u>
❑ Slags, Waelz Zinc fuming	297-907-9
❑ Flue dust, copper alloy manufacturing, ZnO contg.	273-755-9
❑ Flue dust, Pb Cu smelting, ZnO contg.	...
❑ Clincker ( > calcine ?)	...
❑ Pb sludge, gas cleaning system (> 80% PbSO <sub>4</sub> ?)	...
❑ Zn-Cl solution, gas cleaning system ( > 80% ZnCl <sub>2</sub> ?)	...
❑ Pb rich leach product, RLE Zinc smelting	293-314-4
❑ Gypsum (purified)	...
❑ Pb Mn cellmud, RLE Zinc smelting	273-742-8
❑ Cd crude ashes, Cd skimmings	...

# Substances for which input/coverage is expected from other consortia (provisionally not in the scope of the Zn-consortium)

## Substances

	<u>EINECS</u>
<input type="checkbox"/> Hg	231-106-7
<input type="checkbox"/> Hg <sub>2</sub> Cl <sub>2</sub> (Calomel)	233-307-5
<input type="checkbox"/> SO <sub>2</sub>	231-195-2
<input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub>	231-639-5
<input type="checkbox"/> GeO <sub>2</sub> concentrate	215-180-8
<input type="checkbox"/> In concentrate	...
<input type="checkbox"/> SrCO <sub>3</sub> - Import-	216-643-7
<input type="checkbox"/> As <sub>2</sub> O <sub>3</sub> - Import-	215-481-4
<input type="checkbox"/> Lead dust, Lead silver anode casting	273-821-7
<input type="checkbox"/> Lead dross, Lead silver anode casting	305-449-9

## Wastes & Internally recycled Intermediates

- Hg sludge
- Zn powder
- Zn fines
- Goethite, Jarosite, ...
- WW. Neutralisation slib

# Current scope of the subgroup – “Cadmium metal, Cd alloys, Cd powder”

EINECS

231-152-8

□ Cadmium metal

- Alloys
- Powder

→ as Downstream users do not need  
to register the Cd content

→ as importer of such alloys or powder will have  
to register the Cd content

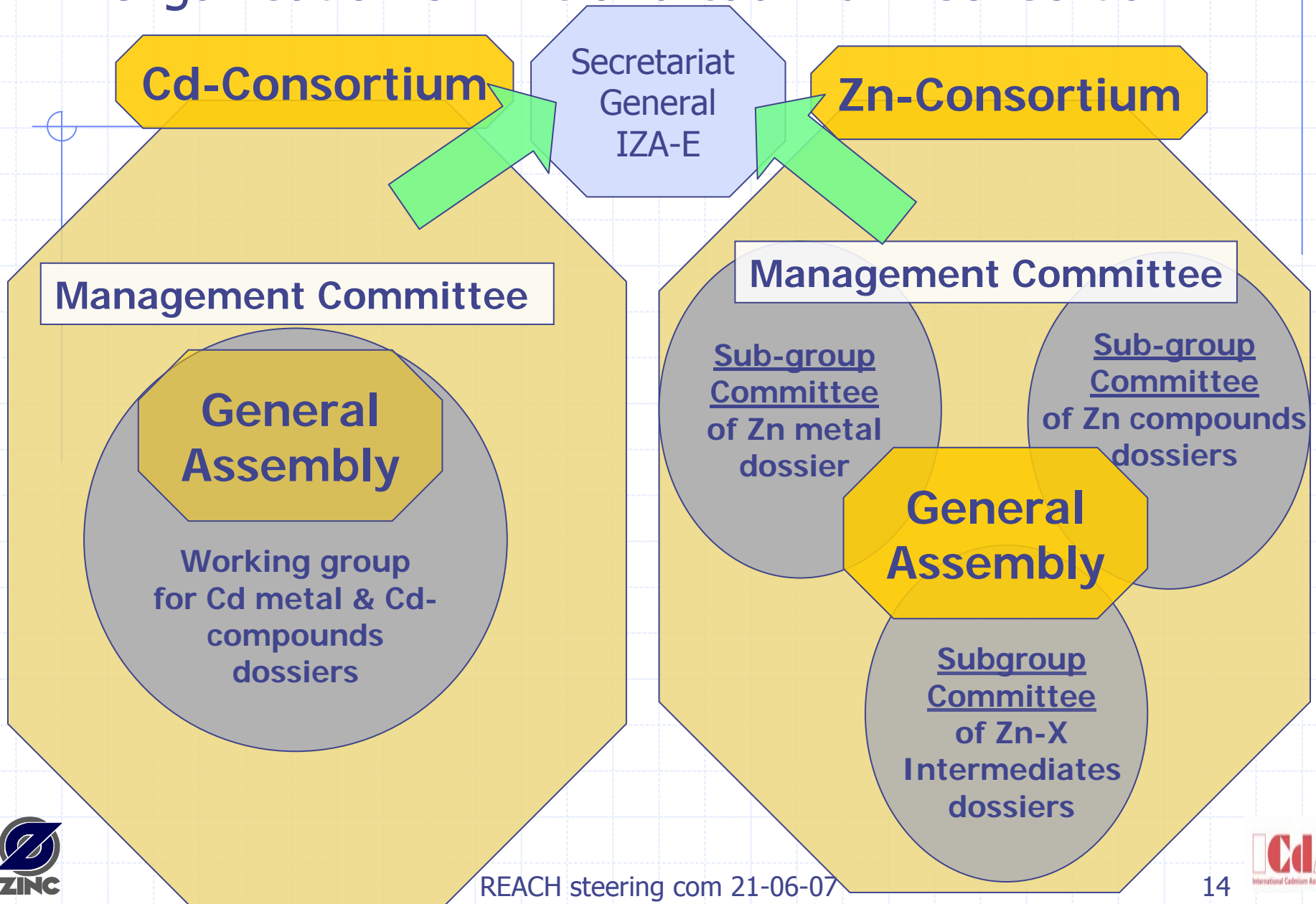
# Current scope of the subgroup – “Cadmium compounds”

	<u>EINECS</u>
<input type="checkbox"/> Cadmium Oxide	215-146-2
<input type="checkbox"/> Cadmium hydroxide	244-168-5
<input type="checkbox"/> Cadmium nitrate	233-710-6
<input type="checkbox"/> Cadmium carbonate	
<input type="checkbox"/> Cadmium sulphide	215-147-8
<input type="checkbox"/> Cd sulphoselenide	261-218-1
<input type="checkbox"/> Cd Zn sulphide	232-466-8
<input type="checkbox"/> Cd telluride	

# WG – Legal & administrative matters

- WG had four meetings
  - Draft agreements were distributed and commented
- Objective was:
  - to discuss the structure and organization of the Consortia
  - to draft the agreement text and the appendices
  - to propose an executive summary version of the Agreements

# Organisation of zinc and cadmium Consortia



# Basics of the Agreement draft #5

- ❑ The Consortium is a community of individual Parties, on a non-profit basis
- ❑ The Consortium Members join forces to comply jointly and timely with registration obligations under REACH
- ❑ They bear the costs jointly, according a set of cost-sharing formulae
- ❑ Membership is open to all EU and non-EU potential Registrants
- ❑ Group of companies, holding companies and Affiliates will enter the Consortium as one Member. However, each legal entity will have, if appropriate, to register their Substances to the EU-Agency
- ❑ Late entrants will have to pay the accrued costs from the beginning, plus a compensation (up to 36%)



# Basics of the Agreement draft #5

- The effective organisation will be based on:
  - General Assembly, for strategic decisions, on the basis of one Member = one vote
  - Management Committee: 6 Members elected from and by the GA, representing the two (for Cd) or three (for Zn) subgroups of the substances
  - Working groups
  - Secretariat for the daily management as instructed by the MC; for practical reasons, the secretariat will be delegated to the IZA-E
  - Trustee: for transfer and aggregation of confidential information; for practical reasons, the Trustee-function will be proposed to the IZA for the Zn-Consortium and to ICdA for the Cd-Consortium
  
- The Consortium Members shall be liable to each other in respect of wilful misconduct, fraud or gross negligence. Their liability to third parties will be several and non joint.



# Zinc Consortium budget (provisional)



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• Budget forecast	€535.000
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\*based on estimate number of exposure scenarios

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# Zinc Consortium: Members cost-sharing structure

Tonnage band (t/y)	% total yearly budget	€/y
<b><u>Zn Metal sub-group</u></b>		
1.000-24.999	0,56	3.000
25.000-74.999	1,87	10.000
75.000-199.999	3,74	20.000
=>200.000	4,67	25.000
<b><u>Zn Compounds sub-group : <math>\Sigma</math></u> tonnage of different compounds/company</b>		
1.000-4.999	0,56	3.000
5.000-14.999	0.93	5.000
15.000-29.999	1.40	7.500
30.000-49.999	1.87	10.000
=> 50.000	2.24	12.000
<b><u>« I.T. Intermediates » sub-group:</u> per Intermediate /company</b>		
	0.47	2.500

# Cadmium Consortium budget (provisional)



\*based on estimate number of exposure scenarios

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# Cadmium Consortium: Members cost-sharing structure

Tonnage band (t/y)	% total yearly budget	€/y
<b><u>Cd Metal sub-group</u></b>		
1,0 – 4,9	3,57	7.500
5,0 – 24,9	4,76	10.000
25,0 – 124,9	5,95	12.500
125,0 – 499,9	7,14	15.000
=>500,0	9,52	20.000
<b><u>Cd Compounds sub-group</u> : <math>\Sigma</math> tonnage of different compounds/company</b>		
1,0 – 24,9	1,43	3.000
25,0 – 199,9	2,38	5.000
200,0 – 999,9	4,29	9.000
1.000,0 – 2.999,9	5,71	12.000
=> 3.000,0	7,14	15.000

# Resolutions

## □ Approval on following items

- Scope of substances covered by Consortia
  - ✓ as it is to start with
  - ✓ additional substances to be added on decision of C. General Assembly
- Draft Consortium agreement n°5, as circulated
- Submission of final draft to legal advisor
  - ✓ Main point: compliance to competition law (max 10.000 €)
- Proposed initial budget : 535.000 € for the Zn-Consortium  
210.000 € for the Cd-Consortium
- Proposed membership fees formulae
- To delegate Secretariat and day-to-day management to IZA Europe
- To propose IZA/ICdA as Trustee(s)

# Next steps - legal

## □ Consortium agreement

- Send final draft to legal advisor 25 June
- Entry into force 30 June
- Send Execution copy to
  - ✓ Pre-agreement signatories 2 July
  - ✓ All other potential members when identified
  - To be signed and returned asap <31st July
- **First General Assembly and election of the Management Committee** September 4th
  - ✓ *Open to Consortium members only, i.e. signatories of agreement*

## □ Forms (sent out 25 June latest) to be filled and returned by:

- Identification of substances to include in members 'portfolio' <31st July
- Power of attorney (authorized representative) to be signed by member's top management <31st July

# Next steps - technical

- Technical actions planned for July-September 2007
  - Start of ad-hoc working groups with downstream user sectors, for exposure scenarios
    - ✓ Hot-dip galvanising (with EGGA)
    - ✓ Zinc sheet production (with companies)
    - ✓ Brass production (with ECI)
    - ✓ ...
  - Further identification of downstream uses of zinc compounds and related exposure scenarios
  - Start review of toxicological information of risk assessment reports for translation into IUCLID V format