



MINUTES
BOARD OF DIRECTORS' CONFERENCE CALL
INTERNATIONAL CADMIUM ASSOCIATION
Monday, June 9, 2008 – 1500 Hours (3 PM) Brussels Time

1. CALL TO ORDER

The Board of Directors Meeting of the International Cadmium Association by conference call was called to order at 3:05 PM (Brussels Time) by Chairman Graham White of Considar Metal Marketing, Inc. The following persons participated in the conference call:

DIRECTOR

Graham White, Chairman
Tim Pugh
Al Hardies (Proxy to Graham White)
Emil Josendal
Anne Dekker
Colin Graham
Patrick de Metz
Eric Nottez (for Corinne Faure-Rochus)

MEMBER COMPANY

Considar Metal Marketing, Inc.
Black & Decker
INMETCO
New Boliden
Nyrstar
Rockwood Pigments (UK) Limited
SAFT
SNAM

STAFF

Stephen Wilkinson
Sophie Duhayon
Christian Canoo
Hugh Morrow

ORGANIZATION

International Zinc Association
International Cadmium Association
International Cadmium Association
International Cadmium Association

The Chairman asked Hugh Morrow to serve as the Secretary Pro-Tempore to record the Minutes of the Board of Directors Meeting. It was noted that eight of the Association's nine Directors were in attendance or were represented by Proxy during the conference call, and thus the meeting was considered an official meeting of the Board of Directors for the transaction of business.

2. MEETING AGENDA AND STATEMENT OF COMPLIANCE

The complete presentation of all materials presented during the meeting is attached to these Minutes. The agenda for the meeting is shown as Slide 2. The Chairman then read and reviewed the Statement of Compliance for the conduction of the Association's meetings under Belgian law. This Statement of Compliance is shown on Slide 3.

3. OPERATIONAL UPDATE

General Manager, Christian Canoo, reviewed the current staffing situation at the International Cadmium Association. This information is shown on Slide 4. He continued to serve part time as the General Manager of the Association while Hugh Morrow continued to work part time as a Senior Consultant to cover North American and International cadmium issues. Dr. Sophie Duhayon had joined the International Zinc Association and International Cadmium Association teams in December 2007 as an expert in human health issues. However, she has recently married and will be leaving the associations in mid June 2008. Our best wishes to Sophie in her new endeavors. The associations are currently interviewing candidates to replace Sophie as a human health expert.

Mr. Canoo also reviewed the status of the VAT registration situation with the Belgian authorities. All problems have now been corrected in this matter and the new International Cadmium Association with a new Belgian VAT number (BE 0466.551.786) has formally been established as of January 1, 2008.

4. STATUS OF THE INTERNATIONAL CADMIUM ASSOCIATION'S ACCOUNTS

Dr. Canoo reviewed the 2006, 2007 and projected 2008 accounts of the International Cadmium Association as audited by Deloitte-Touche. These accounts are shown in Slides 5, 6 and 7 of the attached presentation. Total expenses for 2007 were 273,787 Euros against total income of 284,688 Euros for a 2007 year-end surplus of 10,901 Euros. Added to the balance brought forward of 112,921 Euros, the surplus existing on December 31, 2007 was 123,822 Euros. The 2008 Plan called for total expenses of 168,641 Euros against income of 190,868 Euros which would have resulted in an additional surplus from 2008 of 22,227 Euros. However, association expenses through May 2008 have indicated that 2008 year-end total expenses will be lower than projected, and are now estimated at 147,264 Euros rather than 168,641 Euros. Thus, the year-end 2008 surplus is expected to be on the order of 43,344 Euros rather than 22,227 Euros. These accounts are shown in detail in Slides 5 and 6. Mr. Canoo also presented the audited balance sheets for the association for the years 2006 and 2007 which are shown in Slide 7.

Since the funding of the Cadmium REACH Consortium and the International Cadmium Association are linked in that ICdA personnel are working on both projects and research programs are being funded by both ICdA and the Cadmium REACH Consortium, Patrick de Metz of SAFT asked for further explanations of exactly how costs are allocated for personnel and research projects between ICdA and the Cadmium REACH Consortium. Christian Canoo agreed that he would provide a further breakdown on those cost allocations.

The ICdA accounts will be formally presented to the next General Assembly of Members in London UK in October 2008 for approval.

5. STATUS OF EUROPEAN UNION REGULATORY ISSUES

Christian Canoo reviewed the status of three areas of current regulatory importance to the cadmium industry in the European Union – the EU Risk Assessment on Cadmium and Cadmium Compounds; the EU Risk Reduction Strategy for Cadmium and Cadmium Compounds; and the Integrated Pollution Prevention and Control (IPPC) proposed EU Directive as well as the nonferrous metals industry best available technologies reference notes (BREF). These issues are reviewed in Slides 8, 9, 10 and 11 of the attached presentation.

The Cadmium / Cadmium Oxide Risk Assessment under the former Existing Substances Regulations is now completed. The studies of the ecotoxicity of cadmium in very soft waters has been completed and submitted to the Technical Committee as required, and the resulting

proposal has been made to maintain the current PNEC at 0.08 µg/l for low hardness waters. The final draft proposed to the Member States was approved on time on May 30, 2008 and will be published next week in the Official Journal of the European Commission.

The Cadmium / Cadmium Oxide Risk Reduction Strategy is now completed as well. The EU Risk Reduction Strategy Committee of the Member States discussed the Cd/CdO file on May 10, 2007 on the basis of proposals by the Belgian Rapporteur and a presentation by the cadmium industry. The final proposals for a Risk Reduction Strategy were formally approved on May 30, 2008 and will also be published next week in the Official Journal of the European Commission. The conclusion is that there will be no additional marketing and use restrictions for the main uses of cadmium which is an excellent outcome for the cadmium industry.

The IPPC proposed Directive on air emissions will receive its first reading in the European Parliament in June 2008. It is expected to be considerably more stringent than existing regulations, and to focus on a wide variety of emission sources such as diffuse as well as point-source air emissions. The required utilization of best available technology (BAT) will be linked with emission limit values (ELVs). Mr. Canoo also reviewed the reference notes on best available technologies (BREF) for the nonferrous metals industry and the fact that they were being revised, and that data from industry was being supplied. Hugh Morrow also noted that Germany was spearheading an effort within the UNECE LRTAP Heavy Metals Protocol to utilize the IPPC and BREF thinking to impose more stringent BATs and ELVs on the signatories to the UNECE LRTAP Heavy Metals Protocol.

6. STATUS OF INTERNATIONAL PROGRAMMES ON CADMIUM

Hugh Morrow summarized the status of three international programs of concern to the cadmium industry – the United Nations Economic Commission for Europe (UNECE) Long Range Transboundary Air Pollution (LRTAP) Heavy Metals Protocol; the United Nations Environment Programme's (UNEP) Heavy Metals Program; and the Intergovernmental Forum on Chemical Safety (IFCS) Forum VI Working Group Proposed Symposium on Lead and Cadmium. Details on these programs are summarized in Slides 12, 13, 14 and 15.

A meeting of the UNECE Task Force on Heavy Metals (TFHM) was held on June 4-6, 2008 in London, UK. Hugh Morrow of ICdA and Craig Boreiko of the International Lead Zinc Research Organization represented the cadmium and lead industries respectively. The meeting was held to review methods by which increased ratifications to the HM Protocol could be realized, particularly in the EECCA and SEE countries. To this end, a recent workshop was held in Armenia in May 2008 and another one is planned in Belarus in 2009. Best available technologies (BATs) and emission limit values (ELVs) were also discussed in detail, and new proposals made by Germany to further reduce heavy metal air emissions. This is now the fourth time that Germany has made newer and each time more stringent BAT and ELV proposals since those imposed by the original Protocol which was signed in 1998. In addition, the delegate from the Netherlands continuously made proposals to revise, amend or otherwise completely change the Heavy Metals Protocol, which is strictly outside of the mandate given to the TFHM. Fortunately, interventions from the United States, Canada, and Industry prevented any of these proposals from being considered.

Hugh Morrow reviewed the current status of the UNEP Heavy Metals Programme's "Scientific Review on Cadmium." A new interim draft was issued in March 2008 with a comment deadline of June 13, 2008. The new draft incorporated very few of ICdA's comments on the previous draft. In addition, it was found that the pdf and Word versions of the reviews, both lead and cadmium, posted on the UNEP website, were substantially different. On this basis, ICdA requested and received an extension for the receipt of comments from June 13th to June 30th. At the UNECE LRTAP meeting in London, a representative of the UNEP Heavy Metals Programme stated that there was no Danish

Consultant involved in preparing the scientific review and that all comments were being considered by the UNEP Secretariat and not the consultant. ICdA is once again preparing comments on this latest draft for submission.

Hugh Morrow reviewed the situation with regard to the IFCS Forum VI Working Group proposed symposium on lead and cadmium. The symposium is to be held in Dakar, Senegal on September 15-19, 2008 and will be entitled "International Transport of Lead and Cadmium via Trade: An International Concern?" A "thought starter" was prepared earlier by the Center for International Environmental Law (CIEL) upon which ICdA had extensive commentary, most of which that the document seemed to be based almost entirely on the UNEP Scientific Review on Cadmium which is not finalized and a subject of considerable debate. The IFCS has offered and the lead and cadmium industries have accepted time slots for presentations at the Dakar conference. Patrick de Metz of SAFT has offered to make the presentation on behalf of the cadmium industry while Brian Wilson of International Lead Management Center will make one on lead. The regulatory concern is that both IFCS and UNEP are arguing that international trade in cadmium products is leading to widespread global contamination, and that this concept may lead to a proposal at the next UNEP Governing Council meeting in Nairobi in February 2009.

7. STATUS OF THE EU REACH PROGRAM AND INDUSTRY'S RESPONSE

Dr. Canoo reviewed the EU's REACH (Registration Evaluation and Authorization of Chemicals) program, its requirements, objectives, and implementation schedule. He described in detail the steps being undertaken by the zinc and cadmium industries to meet these requirements by the organization of a REACH consortium. This Consortium now has 20 members, has met a number of times, and has organized activities to assist members and the cadmium industry in meeting the requirements of REACH. The details of the current status of the Cadmium REACH Consortium are summarized in Slides 16, 17, 18, 19, and 20.

8. STRATEGIC PLANNING FOR INTERNATIONAL CADMIUM ASSOCIATION

Patrick de Metz of SAFT made a presentation regarding the need for the International Cadmium Association to move beyond its current role of simply monitoring regulations and their implementation in order to keep its credibility strong and to leverage that credibility to affect how our industry will be regulated in the future. His presentation is shown in Slides 21 through 34. He noted that ICdA made a commitment to conduct a bio-monitoring programme and to set up a Health & Safety Committee to exchange best practices information. Patrick de Metz feels that it is very important for ICdA to carry out those commitments to establish our industry's credibility in the EU and then to leverage that credibility to affect regulatory outcomes. He also noted that the cadmium industry in Europe is pledged to implement the Eurometaux / ICdA Guidance Document for occupational exposure to cadmium, and that we need to do that to preclude action under the Authorization phase of REACH. Mr. de Metz also pointed out that actions have already been adopted at the November 2007 General Assembly of Members endorsing these proposals, but that the Health & Safety Committee has not met recently and that these proposals have not really moved forward. Patrick de Metz's proposals are to confirm the Board of Directors previous support, and to create a subcommittee to make a proposal for detailed actions and to secure resources. This plan could be presented to the Board of Directors in a few months time (August / September) and then be put forth for approval at the next General Assembly in October 2008.

There was general approval of the proposal which Patrick de Metz had advanced. Patrick de Metz, Anne Dekker, Colin Graham, Emil Josendal and Eric Nottez (on behalf of SNAM) agreed to serve on the subcommittee to establish the programs, parameters, actions, options, resources and personnel necessary to carry out this program. The subcommittee would report

to the Board of Directors at the next conference call Board Meeting now established to take place on Tuesday, August 12, 2008 at 3:00 PM Continental European Time.

9. CADMIUM EXPERTS' WORKSHOP OR CADMIUM CONFERENCES

Steve Wilkinson and Christian Canoo also reiterated the possible beneficial effects to the cadmium industry worldwide through the establishment of either a worldwide Cadmium Experts' Workshop or an International Cadmium Conference. The Experts Workshop would gather the latest scientific authorities on the human health and environmental effects of cadmium with the hope that a scientific consensus could be reached which would be beneficial to industry, and which would correct many of the political or regulatory misconceptions which have resulted in such strict regulation of cadmium. The International Cadmium Conference would not be confined to just the scientific experts but would be open to everyone with an interest in cadmium issues, and would be an opportunity for industry to present its side of many issues. Conceivably both the Workshop and the Conference could be conducted but in different years.

10. NEXT MEETING OF THE INTERNATIONAL CADMIUM ASSOCIATION

The Chairman announced that the next General Assembly of Members of the International Cadmium Association would be held on Thursday, October 16, 2008 in London, UK during London Metals Exchange (LME) Week. The exact time and venue will subsequently be announced.

11. ADJOURNMENT

With no further business before the meeting, Chairman Graham White adjourned the meeting at 1602 Hours (4:02 PM) Brussels Time.

Respectfully Submitted,

Approved,

Hugh Morrow
Secretary, Pro-Tempore

Graham White
Chairman



ICdA - Board meeting

9 June 2008

<https://www1.gotomeeting.com/join/293346593>

For audio, dial **+32 2 600 81 89**, no access code

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Agenda

- Chairman's Introduction – Graham White - & reminder of the Competition law compliance
- Update on ICdA Operational Matters – VAT and By-Laws Status
- ICdA 2007-Financial Report and Budget 2008
- Cadmium program's update:
 - Cadmium European Regulatory Update:
 - ✓ Risk Assessment and Risk reduction strategy processes
 - ✓ IPPC / BREF revision of Non Ferrous metals
 - Cadmium International Regulatory Update:
 - ✓ IFCS meeting in Dakar in September
 - ✓ UNECE meeting in London last week
 - ✓ UNEP Scientific Review with the June 30 deadline.
- Status of Cadmium REACH Consortium
- Strategic planning: has ICdA to move beyond the monitoring of Regulation implementation ? (Patrick de Metz)
 - ✓ Keep credibility strong
 - ✓ Leverage strong credibility
- Other business
- Next Meeting Date

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STATEMENT OF COMPLIANCE

- The purpose of the meeting is to address, under the applicable confidentiality rules, issues concerning Cadmium and Cadmium compounds producers and importers and more particularly their obligations under the several regulations.
- The minutes kept during the meeting will have to reflect all significant matters discussed during the meeting.
- No discussions will be held, formally or informally, during specified meeting times or otherwise, involving, directly or indirectly, express or implicit agreements or understandings related to: (a) any company's price; (b) any company's terms or conditions of sale; (c) any company's production or sales levels; (d) any company's wages or salaries; (e) the division or allocation of customers or geographic markets; or (f) customer or suppliers boycotts; or (g) any disclosure of information which may affect applicable rules on Competition Law.
- The International Cadmium Association (ICdA), as a group will make no recommendations of any kind and will not try to reach any agreements or understandings with respect to an individual company's prices, terms or conditions of sale, production or sales levels, wages, salaries, customers or suppliers.

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Administrative update

- Staff : Beside Hugh Morrow (p.t.) and Christian Canoo (p.t.), Sophie Duhayon (p.t.) joined the IZA-team in December last year, but will leave the team in mid June 2008.
- In terms of VAT registration n°, we still had to clear a confusing situation last year. During an extra-ordinary GA-meeting, on October 20th 2007, the former ICdA-association was formally wound-up with a transfer of the activities to the new ICdA running under the VAT number BE 0466.551.786, implying the transfer of the assets and liabilities as well. This occurred formally on January 1st 2008
- Accounts of 2007 were reviewed by Deloitte & Touche and will be presented now to the Board

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P&L2007 – Status budget 2008

	2007 Reviewed *	2008 Plan	2008 Revised 5+7
STAFFING			
Headquarters (A)	20.625	45.000	27.180
Sr Cons. (North America)(B)	41.824	36.571	34.810
Scientific Support - Health	0	22.000	22.000
Scientific Support - Environment	4.486	7.500	5.000
Secretariat/Administration/Accounting	14.970	8.500	8.500
Total Staff Costs	81.905	119.571	97.490
OPERATIONS			
Rent/Rates/Office services	10.439	12.000	12.000
Telecommunications	1.997	4.000	3.000
Postage & Exoress Services	702	650	650
IT support	1.885	4.500	3.000
Stationary and office supplies	2.749	4.000	2.000
Banking Costs	1.276	1.000	700
Meetings	2.040	5.000	5.000
Travel & Subsistence	11.266	12.500	18.005
Membership	2.152	2.420	2.420
Publication	0	1.500	1.500
Taxes / Contingency	499	1.500	1.500
Total Operation Costs	35.005	49.069	49.775
Depreciation & non-deductible	1.535	0	
TOTAL Staff & Operational COSTS	118.445	168.641	147.264
<i>Special studies</i>	155.343		
TOTAL EXPENSES	273.787	168.641	147.264

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P&L2007 – Status budget 2008

INCOME			
Membership fees	179.883	190.868	190.868
Interest income	3.356	0	2.772
Exchange corrections	-5.218	0	-3.031
Other income (studies direct contribution)			
	106.666	0	0
		0	0
TOTAL SUBSCRIPTION INCOME	284.688	190.868	190.609
BALANCE			
	10.901	22.227	43.344
SURPLUS/(LOSS) FOR YEAR			
SURPLUS/(LOSS) BROUGHT FORWARD	112.921	123.822	123.822
SURPLUS/(LOSS) CARRIED FORWARD	123.822	146.049	167.166

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Balance Sheet 2006 vs. 2007

	2007 Audited	2006 Audited		2007 Audited	2006 Audited
ASSETS			LIABILITIES		
CURRENT ASSETS			CREDITORS		
Cash in banks	117.387	142.829	Accounts payable,	24.895	110.792
Total Cash	117.387	142.829	Total Creditors	24.895	110.792
Receivables	17.833	43.172			
Accrued income and deferred charges	2.029	26.245			
Total Receivables	19.862	69.417			
FIXED ASSETS			FUND BALANCE		
Acquisition value		30.000	Surplus (deficit) /	101.454	106.782
Accumulated		-30.000	Surplus (deficit) / the	10.901	-5.328
Net Book Value	0	0	TOTAL	112.354	101.454
TOTAL ASSETS	137.249	212.246	TOTAL LIABILITIES	137.249	212.246

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Update on the EU-regulatory issues

- Cd & Cd-compounds Risk Assessment
- Cd & Cd-compounds Risk Reduction Strategy
- IPPC / Revision of the NFM BREF-notes

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The Cd / CdO Risk Assessment under the former ESR legislation is now completed

- The additional "ecotoxicity of Cd⁺⁺ in very soft waters" (concl. i), financed by the European Cd Industry has been conducted last year and the results submitted on time to TCNes III.
- The resulting proposal to maintain the current PNEC (0,08 µg/l) for low hardness waters has been tabled by the Belgian rapporteur.
- The final draft proposed to the member States has been approved on May 30th 2008 and will be published next week in the Official Journal

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The Cd / CdO Risk Reduction strategy is now completed as well

- On May 10, 2007 the European RRS-committee of the member states discussed the Cd/CdO file on the basis of the Belgian Rapporteur proposals and a presentation by the Cd industry
- The final phrasing of the RRS-proposals, drafted by the Commission after Inter-Services consultations, has been formally approved on May 30th. Publication in the official journal will occur next week
- It is in line with our former expectations:
 - No additional marketing & use restrictions for the main usages
 - Completion of the former ESR-process, on-time, before REACH

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The “Best Available Technologies” BAT-notes on i.e. Zinc and Cadmium are under revision

- The emission directive is going to be re-cast in a revised IPPC-directive: June 08 > 1st EP reading
 - Probably more binding
 - Focus on diffuse emissions
 - BAT linked with ELV's (Emission Limit Values)
- In 2008, the former BREF-notes (Best available technologies reference notes) on Non ferrous metals production installations are in the process of being revised. Frank Farrell is in charge of the process in Sevilla (JRC):
 - Emission-data (air, water, soil, waste) from Zinc and Cd smelters have been collected, aggregated and sent to F.F. in April, as requested
 - The ICdA / Eurometaux guidance document has been tabled as well, as a management system to prevent risk situations
 - Plant visits and follow-up of FF's draft of revised Brefs are scheduled in June, July and September

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Update on International Cadmium issues

- United Nations Economic Commission for Europe (UNECE) Long Range Transboundary Air Pollution (LRTAP) Heavy Metals Protocol
- United Nations Environment Programme (UNEP) Heavy Metals Program
- Intergovernmental Forum on Chemical Safety (IFCS) Forum VI Working Group on Lead and Cadmium

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UNECE LRTAP HM Protocol

- Heavy Metals Task Force meeting held on June 4-6, 2008 in London UK
- Discussions held to increase ratifications in EECCA and SEE countries
 - Workshops: 2008 in Armenia, 2009 in Belarus
- BAT and ELV options examined and proposed to further reduce HM emissions
 - New proposals by Germany
- Netherlands attempted to introduce revisions to HM Protocol, but stopped by interventions from Canada and USA (and Industry)

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UNEP Heavy Metals Programme

- New Interim version released in March 2008 with comments originally due on June 13, 2008
- A few of ICdA's previous comments incorporated into the new draft, but most were not
- It was found that pdf and Word versions of the March 2008 draft were substantially different. ICdA received comment extension to June 30th.
- At UNECE LRTAP Meeting in London, UNEP reported on Program and stated that they, and not the Consultant, were considering comments
- ICdA is preparing comments for submission

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IFCS Forum VI WG on Pb & Cd

- Forum VI: Dakar, Senegal, 15-19 September 2008
- "International Transport of Lead and Cadmium via Trade: An International Concern?"
- Thought starter by CIEL commented upon by ICdA
- IFCS program slots have been offered and accepted for Lead and Cadmium Industries
- Patrick de Metz of SAFT has offered to make a presentation on behalf of Cadmium industry
- Concern is that both IFCS and UNEP are arguing that International trade in Cadmium products is leading to widespread global Cd contamination

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Consortium



Status of the project – June 2008–

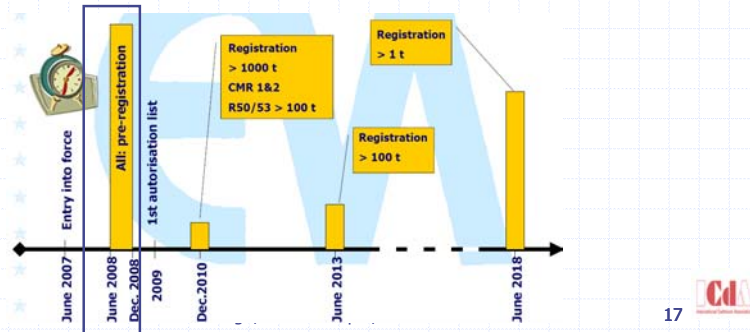
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Registration, Evaluation and Authorization of Chemicals (REACH)

- Cd Consortium was created in July 2007
- 20 Members so far
- Following steps -> pre-registration and further Registration requirements



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Cadmium-Consortium Members so far

20 Members

SG. I SG. II

Amidoduco		X
5N PV GmbH		X
BOCHEMIE a.s.		X
BOLIDEN AB	X	
FLORIDIENNE CHIMIE	X	X
Huta Cynku MIASTECZKO SLAKIE	X	
JAMES M. BROWN Ltd		X
JSC Chelyabinsk Zinc Plant	X	
KCM 2000 S.A.	X	
METALEUROP S.A.		X
MIASTECZKO	X	
NYRSTAR S.A.-N.V.	X	
PORTO-VESME	X	
ROCKWOOD PIGMENTS		X
RUHRZINK	X	
SAFT S.A.	X	X
SLMC		X
TODINI & Co, SPA	X	X

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Substances currently in the scope of the Consortium

	<u>EINECS</u>
<input type="checkbox"/> Cadmium metal	231-152-8
<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	208-168-9 / 298-586-8
<input type="checkbox"/> Cadmium sulphide	215-147-8
<input type="checkbox"/> Cd Sulphoselenide	235-758-3 / 261-218-1
<input type="checkbox"/> Cd Zn sulphide	232-466-8
<input type="checkbox"/> Cd telluride	215-149-9
<hr/>	
<input type="checkbox"/> Cadmium Sulphate	233-331-6

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Communication

- Dedicated website (www.reach-cadmium.eu)
 - Link to www.cadmium.com (ICdA website) and Eurometaux gateway (www.reach-metals.eu), f.i.
 - ✓ EM-ICMM leaflet on imported alloys (in finalization)
 - ✓ EM-ICMM leaflet on pre-registration (in finalization)
 - Information available on Internet
 - ✓ Consortium mission and scope
 - ✓ Membership
 - ✓ Contacts, ...
 - Information available on Intranet (members only)
 - ✓ Membership extended
 - ✓ Consortium agreements
 - ✓ Meeting files (agenda, minutes, presentations, ...)
 - ✓ Progress reports
- One login-name & pass-word per company

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Strategic planning: what are the next priorities?

- Has ICdA to move beyond the monitoring of Regulation implementation ?
(Patrick de Metz)
 - ✓ Keep credibility strong
 - ✓ Leverage strong credibility

- Do we wish to prioritize the activities to be followed inside the current frame of ICdA-resources, or ...
- Do we wish to list the "priorities" and propose resources accordingly ?

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ICdA (and industry) need to move beyond implementation of regulations

1- Keep credibility strong

2- Leverage strong credibility

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ICdA needs to move beyond implementation of regulations

- Keep credibility strong
 - Excellent job done by ICdA in Cd/CdO Risk Assessment
 - ✓ Development of strong Guidance document
 - ✓ Incorporated by Belgium in proposal to COM and MS
 - ✓ Approved by COM, MS, EP
 - ✓ Commitment signed by ICdA members
 - Commitments made to COM to set up
 - ✓ EU biomonitoring programme through data trustee
 - ✓ H&S Ctee for best practice exchange
 - ✓ Bone study
 - We need to deliver!

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Follow-up to RRS

- Minutes of presentation made by ICdA to COM and Ctee of MS on Cd/CdO RRS
- On May 10th 2007
- Focus is the Eurométaux/ICdA Guidance document

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Presentation to COM(1)

Commitment to implement

- Industry has pledged to implement Eurométaux/ICdA Guidance Document
- Written commitment is requested from all sites/corporations
 - Plan is to get commitment of all EU-15 industry members by 2007-end
 - Plan is to get commitment of all EU-27 industry members during the preparation of the REACH – registration file



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Presentation to COM(2)

ICdA 3-y Work Programme I -H&S Committee

- PURPOSE: to exchange and identify best practices for implementation success
- OUTPUT: « best practice how to » sheets
- Points in programme:
 - How to best set up a change room?
 - How to best organise lunch areas and procedures?
 - Working clothes policy: how often, how to convince/monitor?
 - Shower policy: how to convince/monitor?
 - How to make sure smoking impact is minimised?
 - Measurement issues about [Cd-Air]
 - ✓ Proper detailed procedure
 - ✓ Accuracy improvement
 - Measurement issues about Bio-Indicators
 - ...



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Presentation to COM(3)

ICdA 3-y Work Programme

II - occupational data « observatory »

- PURPOSE: to develop an accurate picture of exposure throughout industry
- OUTPUT: distribution of exposure data expressed in standardized measures (Cd-A, Cd-U, Cd-B)
- GOAL:
 - To allow individual sites to benchmark their own performance against industry's
 - To verify implementation effectiveness of ICdA comprehensive guideline year on year (half-life will not allow rapid changes)
 - Once data quality can be assured, to communicate with regulators on current status and progress over time



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Presentation to COM(4)

ICdA 3-y Work Programme

III - bone effect LOAEL for workers

- PURPOSE: to fill a knowledge gap and get a finer picture of the impact of occupational Cd exposure on workers' bones
- OUTPUT: to make a determination of a LOAEL for workers exposed to Cd in regards to the bone effect
- ICdA members started a feasibility study and intend to fund an « occupational Cd-exposure effect to bone » study
 - Population of study and manufacturing sites are in the process of being selected
 - University expert has been identified to perform and analyse data



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BIPI U9 UB U8

Presentation to COM(5)

THANK YOU

- We do not underestimate:
 - Time and resources required
 - Cultural differences in exchanges of information/points of view
 - Implementation challenges (devil is in the details)
- We have lots of assets:
 - Good professionals
 - Good science
 - 24 months of efforts to build a strategy along with Belgian rapporteur
 - This brings industry/regulators together in a strong collaborative improvement effort



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Minutes ICdA GA 11/11/2007 London

□ Update on regulatory issues-EU:

EU Cadmium / Cadmium Oxide Risk Reduction Strategy: On May 10, 2007, the EU Risk Reduction Strategy (RRS) Committee of Member States discussed the Cadmium/Cadmium Oxide File on the basis of the Belgian Rapporteur's proposals. At that meeting, the ICdA industry delegation presented its program to protect occupationally exposed workers. The updated Eurometaux/ICdA Guidance Document was presented along with a written statement declaring the utilization of these guiding principles at 20 sites with cadmium occupational exposure. A three year plan was also presented to develop a collective European bio-monitoring program to ensure worker safety. It was also proposed that the industry would sponsor an independent specific study on *The Effect of Cadmium on Bone Mineralization of Occupationally Exposed Workers*.

- Bone study is progressing
- Need to move on bio-monitoring programme through trustee

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Minutes ICdA GA 11/11/2007

London

□ Update on regulatory issues-EU:

Cadmium Environment & Health Committee: Christian Canoo also discussed various follow-up activities which were being pursued with respect to the EU Cadmium / Cadmium Oxide Risk Assessment and Risk Reduction Strategy. In both cases, close and constant liaison with the Belgian Rapporteurs is necessary and ongoing to ensure that industry is involved in all developments in these very important areas. A Cadmium Environment and Health Committee has been formed and met several times to promote and assist in the implementation of the recommendations of the Guidance Document; to exchange information on the proper methodologies for the measurement of cadmium in air in the workplace; to research and establish sampling and testing procedures for measuring cadmium-in-urine and cadmium-in-blood and other biological indicators; to assess the possibilities of organizing a collective European bio-monitoring program; and to share "best practices" found in plants with cadmium exposures throughout Europe. Hugh Morrow mentioned that much information on sampling and testing procedures for Cd-U, Cd-B and β -2 Microglobulin had been gathered in the United States because of the imposition of the OSHA Cadmium Standard there, and that some of this information might be of benefit to the European efforts. Dr. Canoo further added that another activity of the Cadmium Environment and Health Committee would be to consider the academic institution where the cadmium bone study should be conducted.

□ H&S Ctee has not met since presentation was made to COM

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ICdA needs to move beyond implementation of regulations

□ Leverage strong credibility

- *(Need to follow-up with COM and MS on Belgium proposal to ensure it is accepted)*
- Need to share « credibility package » (Guidance document, Biomonitoring programme, H&S Ctee and Bone study) with SCOEL
- Need to share « credibility package » with MS Competent Authorities to ensure Cd does not go into Annex XIV list of REACH!

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Proposal

- Confirm board support to having these two goals in work plan
- Sub Ctee set-up to make proposal for detailed actions and secure resources
- To be presented to Board in Sept
- For approval in next GA in 11/2008

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Objections

- Such action not in by-laws of ICdA
 - Art3: the Ass. May undertake ... any activity... communication campaign... provided compatible with its legal status
 - The Ass. May ensure ... the representation of its members at private or public organizations ... at national and international authorities
- Such action not compatible with VAT tax status
 - Not the case with IZA, Recharge, Eurobat...
- Such action inefficient, EU institutions just don't care
 - Proven wrong, strong influence on the output of the Cd/CdO RRS, battery directive
 - It's a matter of having :
 - ✓ the right message
 - ✓ delivered at the right time
 - ✓ to the right person
 - ✓ in the right format.

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GEHS Project Teams Overview

Project Team Title: Human Health PT	Project Leader: ? Secretariat: V.Verougstraete	HP
<p>Terms of Reference: Monitor developments relating to „human health“ policy and methodology for assessing effects/limit values and ensure that these take into account the metals concern and specificities; information exchanges on the setting of exposure limits for metals, metal compounds and ensure scientific setting, identify emerging human health issues for the metals industry, platform for HH questions and issues under REACH and GHS</p> <p>Scope: exposure limits setting activities, REACH, GHS, nanos, SCALE (EU E&H Action Plan)</p>		
<p>Issues:</p> <ul style="list-style-type: none"> □ OEL setting in the EU: methodological aspects and information from regulatory authorities overlap with other regulations like REACH □ REACH and GHS human health issues (CSR/CSA, DNEL and DMEL, occupational exposure assessment, exposure scenarios, bioavailability, GHS) □ Nanos developments for human health (assessment and classification) □ EU projects on biomonitoring 		
<p>PT Deliverables: guidance on specific issues, platform for exchanges, information on OEL processes (MAK, SCOEL)</p>		
<p>Communication Method: Telcons (emerging issues), Emails (for updates)</p>	<p>Partners/ Network: Internally: commodities, ES PT, HERAG PT Externally: ICMM, R&D's organisations</p>	<p>BM 09 06 08 35</p> 

Next meetings

- Ad-hoc committee called by Patrick de Metz in coming weeks
- Next Board web-meeting: August 12, 3pm
- Next General Assembly:
 - The next Annual Meeting of Members of the ICdA will be held during LME-week, in London, probably on October 16th, 2008