

Minutes of Meeting

Board of Directors meeting by teleconference, 6th July 2016, 16:00-17:30

Participants

Board of directors

- | | | |
|---------------------|--------------------|---|
| 1. Howard Winbow | James M Brown Ltd. | Chairman of the ICdA Board of Directors |
| 2. Sinha Parikhit | FIRST SOLAR | |
| 3. Ann Vos | IZA (Nyrstar) | |
| 4. Paul Kolisnyk | IZA (Teck) | Vice-Chairman |
| 5. Eric Nottez | SNAM | |
| 6. Piet Scheeren | IZA (Glencore) | |
| 7. Jean-Luc Lafitte | Flaurea Chemicals | |
| 8. Patrick de Metz | SAFT S.A. | Vice-Chairman |

Mik Gilles	Director ICdA
Noömi Lombaert	ICdA
Christian Canoo	Cadmium Reach Consortium
Stephen Wilkinson	IZA
Frank Van Assche	IZA

With 8 out of 11 directors attending, the 50% quorum was met for voting.

Welcome (Howard)

Agenda (Howard)

1. Statement of compliance
2. membership update
3. Cadmium production and use in China
4. International Cadmium Conference 2016
5. A.o.b.: no additional agenda items proposed by the attendants.

Statement of compliance (Mik, ICdA)

All attendants accepted to comply with the statement of compliance.

Change of directors at the Board (Mik, ICdA)

Albert Hardies, director at the Board for Group C, has retired at INMETCO and was replaced by mr Mark Tomaszewski of INMETCO

The Board unanimously approved this proposal to be submitted to the General Assembly.

Membership update (Mik, ICdA)

- New membership requests
 - **Nimetal**: disassembly of NiCads (small volumes)
 - Additional 2016 fees: €2.978 (group C)
 - **Sofradir**: CdTe and CdHgTe IR detectors (decision pending)
 - Additional 2016 fees: €2.978 (group G)
- End of membership
 - **Accurec** announced leaving ICdA (declining Cd activities)
 - Fees are due for 2016 and 2017 (2016 fee: €3.819)
 - **Inmetco** as part of the Horsehead group filed for chapter11 which allows them to suspend payments. This information reached us through press. No information received from Inmetco on this subject. Since in such case, we are ranked low in priority on the payment list, it is unlikely we will see fees in 2016. Unclear how this will end.
 - Potential impact on revenues 2016: -€10.551

Trends for cadmium production and use in China (Paul Kolisnyk, Teck)

Paul Kolisnyk shared briefly the outcome of a survey in which data was collected by Teck's local sales team and some other market intelligence sources. There seems evidence that virtually all zinc refineries in China also refine and market the cadmium that comes along with zinc concentrates and that consequently no cadmium is disposed as waste by this industry.

On top of domestic production of cadmium, there is about 10.000 tons import of cadmium metal.

On the consumption side, a decline of the NiCad battery market was reported with probably very little production of portable consumer batteries. This statement was confirmed to be very likely correct by Jean-Luc Lafitte (Flaurea) and Patrick de Metz (SAFT).

An estimated 60% of all produced and imported cadmium is used for casting alloys, mostly cadmium or zinc-cadmium alloys. Majority of metal is expected to end up in (cheap) jewelry but some could also find its way in pressure die-casting. Typically, this casting business is ran by a multitude of (very) small companies.

There is concern that these casting activities do not provide appropriate protection to the workers. Although cadmium is banned from use in Jewelry in Western World, it is no know if it is authorized in China, India or by expansion, the whole south-east Asian region.

The fact that large volumes of cadmium are processed under conditions that, from a health position, are very questionable, could be a threat to the cadmium industry. An overreaction by the regulator could lead to a ban on cadmium. But even a more focused action on this casting sector could provoke a collapse of the cadmium market. Teck will further explore this topic and give a presentation at the Cadmium Conference.

IZA will check through its local office in China if this collected information can be confirmed.

International Cadmium Conference 2016 (Mik, ICdA)

An overview is given of today's status and financial engagement.

1. Non refundable engagements today:
€1.000 travel costs and €2.880 hotel conference facilities. Uncertainty about travel engagement made by Rufus Chaney or Prof. Sorahan since now invoices were received (€2.000). Airline ticket of Hugh is refundable.
2. Status of registration:
We received 25 registrations with 8 more to come (guest speakers and member-speakers that have not yet formally registered).
3. Revenues received from registrations
A total of €7.735 was received. (13 fees)
4. Engagements towards the hotel
Until July 14, we can reduce the contract with 60% without cost. Considering the number of registrations today, Mik suggests to reduce the contract to 45 participants.
No engagements were made for the dinner nor welcome reception.
Room reservations for delegates can be cancelled free of charge until July 26th.
Considering the above, we need to decide at latest on Wednesday July 13 what we will do.
5. Simulation of engagement for 45 participants
Conference expenses would be €17.800
Worst case: revenues today are €7.735, no further registrations will come
Total net cost of the conference: €10.045.
For each new registration at the reduced fee of 595, the losses will drop with €400.
For each registration at full rate of €1.000, the losses will drop with €800.
6. Potential participants that did not register yet
 - IZA members joining the IZA TMD&ESD meetings in Lisbon: Boliden, ZGH, HCM, KCM, Votorantim, Penoles, Grupo Mexico, JMIA.
 - ICdA members and participants in the ICdA monitoring program: Hoppecke, ACME, Sanyo-Panasonic, Enersys, Black&Decker, Huntsman, 5N+, , Umicore, Bochemie, Recylex
 - Recently contacted French companies active in electronics (connectors, IR detectors) and using cadmium.
 - Fertilizers Europe, traders

The board felt uncomfortable with the low number of registrations and asked to have another call next week before taking a decision. The board requested that ICdA should make contact with new companies that were identified as processing cadmium, identify the H&S managers, and convince them to come to the conference, join ICdA or at least, participate in the Bio & Air monitoring program.

Date of next Meeting

July 13, 14:00 – 15:00, Brussels time

The meeting was closed at 17:30