



Minutes of the World-Wide Coal Combustion Products Network web-meeting on 5th November 2025

Participants:

Thomas H. Adams (ACAA)	Cyril Attwell (SACAA)	Barun Kumar Basak (CAII)
Fabrice Fayola (ECOBA)	Joachim Feuerborn (ECOBA)	Craig Heidrich (ADAA)
Jinder Jow (CCAPC)	Makoto Kobayakawa (JCOAL)	Tomasz Szczygieski (UPS)
Dong Zangh (CCAPC)		

Apologies/no reaction:

Nigel Cooke (UKQAA)	Rishit Dalal (AsianCAA)	Itay Even-Ezra (NCAB)
Irina Putilova (MPEI)	Kelly Reynolds-Clausen (SACAA)	

1.0 Welcome/Agenda

Joachim Feuerborn opened the meeting and welcomed the participants.
The agenda was accepted as proposed with the invitation to the meeting.

2.0 Participants

Due to Mr Basak as the new representative for CAII and Mr Zhang for CCAPC participating the first all parties shortly introduced themselves.

3.0 Minutes of previous meetings

The draft minutes of the last meeting on 16th June 2025 were provided on 11th August. An update with editorial corrections was provided with the documents for the meeting.
No comments have been received to the minutes and they were accepted a true record.

3.1 Actions agreed last meeting

Basically three action were agreed:

- Observation ILFI - International Living Future Institute
The meeting was arranged to update on activities
- Definitions for coal derived fly ash and legacy ash
The action is pending as no draft prepared.
- Formation of an international ash association
No comment or opinion received.

4.0 Website

The members were informed about the update of the contact details of Mr Basak and the conferences known so far.

Member will inform about further updating needs

4.1 Glossary

The update of the Glossary with definitions on

- Coal derived fly ash (as used in the UK) and
- Legacy ash (as used in SA, US and IN) and
- Anthropogenic minerals (**as used in PL**)

will be prepared for the next meeting.

5.0 Global issues

5.1 Publication

The report “Coal Combustion Products Worldwide - Trends in sustainable production and Construction” as jointly prepared by Thomas Adams/ACAA, Craig Heidrich/ADAA, Jinder Jow/CCAPC and Joachim Feuerborn/ECOBA on behalf of the World-Wide CCP Network was presented during the EUROCOALASH 2025 and also during PECMC conference.

The members agreed that an update for the next year should be considered. For this the members will check the basic tables and update on production and utilisation figures as also about exported amounts. The members will also inform which conference they will attend and whether they want to report about the international cooperation based on the jointly prepared report/presentation.

5.2 Observation Developments ILFI

J. Feuerborn shortly informed about the activities in 2024 regarding the classification of fly ash as toxic by the International Living Future Institute (ILFI). A letter of concern had been addressed and the answer on 16th December 2024 informed that the comments will be taken into consideration and that fly ash is currently on the Priority List and not be advanced to the Red List in 2025.

Due to upcoming ILFI certificates with marked fly ash as toxic materials also concrete association in New Zealand get in contact with the WWCCPN as there was no activity regarding this in the Global Cement and Concrete Association (GCCA). After some discussion and further no activity of the GCCA they prepared an own letter to ILFI highlighting the encapsulated use would not pose any risk. ILFI has answered that the NZ comments were added and that an exception for fly ash in concrete will be created.

J. Feuerborn further informed about the content of ILFI website. Based on the information about 800 projects are following the healthy requirements. Fly ash I still listed on the priority list as a toxic materials due to heavy metal content

The members discussed the situation. There are projects known in AUS and US, but the total number of 800 is very much requested. In addition, the information about fly ash use lack of consistency. Consequences are not known so far.

(note: in both countries Safety Data Sheets of fly ash with hazardous marks exist)

The members agreed to re-send the letter of concern prepared in 2024 to ILFI and to ask for removal from the priority list. In addition, a list of the 800 projects should be requested.

5.3 Reports by members/participants

The members shortly informed about updates on production and use but also on increasing re-use from stock and international transports. Beside ash as supplementary material in some regions also natural alternative develop. There use is based on existing or new developed standards. Mr Basak from CAI informed about the coal & ash situation in India. The presentation is provided for information.

6.0 Education/Information/Messages

6.1 Messages / (Int) Conferences

Recent/past

- 34th “Clean Coal Day International Symposium” and “Energy Security with Decarbonization Symposium 2025”, 4/5 September, Tokio, Japan.
- ASHTRANS, 6-7 October 2025, Amsterdam/NL/EU
- WOCA The Workshop, 8-9 October 2025 Salt Lake City/US
- Pittsburgh Energy and Carbon Management Conference (PEMC), 22-24 October 2025, Beijing, China

Upcoming/future

- WOCA, 4-7 May 2026, Lexington/KY/US
- ASHTRANS Int., 18-20 May 2026, Mumbai/IN
- ASHTRANS EU, 5/6 Oct. 2026, Athens/GR/EU
- National Symposium on Harvested CCRs, 12/13 May 2027, Columbus/OH/US

7.0 Next Meeting

The next meeting will be held in February 2026. Date to be confirmed.

2nd December 2025

J. Feuerborn

Annex: Information provided in the chat

- C. Heidrich to all: sharing a link to download a PDF version of our publication. Coal Combustion Products Handbook Second Edition Edited by Colin Ward, Craig Heidrich and Olivia Yeatman
<https://www.dropbox.com/t/JGXVHFXS6LBnRS7f>

Files to share with the minutes:

- presentation update about ILFI
- presentation of Mr Basak on the situation in India