



EUROCOALASH

International Conference **EUROCOALASH 2023**
May 22-24, 2023 – Hotel Warszawa / Warsaw Technical University, Warsaw, Poland

CONFERENCE PROGRAMME

(subject to change)



MONDAY – May 22, 2023

Venue: Hotel Warszawa

Plac Powstańców Warszawy 9, Warsaw, Poland

www.warszawa.hotel.com.pl

(Room “Copernicus”)

13.00 – 14.00 *Welcome Lunch Buffet*

14.00 – 15.30 **Session I – Inauguration / Opening**
Session Chair: *Lech Sekyra, Polish CCP Union/PGE*

- **Opening and welcome address**
Lech Sekyra, Polish CCP Union/PGE
- **Challenges for Coal Combustion Products towards Carbon Neutrality**
Roman Snop, CEZ, CZ / President of ECOBA
- **Road map for Circular Economy in Poland**
Ministry of Economic Development and Technology – invited
- **Resource Policy of Poland**
Ministry of Climate and Environment – invited
- **Infrastructure, Energy & Climate; challenges and chances**
Institute of Environmental Protection (IEP-NRI) – invited

15.10 – 15.30 **Steered discussion Audience**

15.30 – 16.00 *Coffee break*

16.00 – 17.30 **Session II – International Perspectives**
Session Chair: *Joachim Feuerborn, Hon. Chair WWCCPN*

16.00 – 16.20 **Shifting global paradigm for CCPs: Harvesting for the circular economy**
Craig Heidrich, Australian Ash Development Association, on behalf of the WWCCPN

16.20 – 16.40 **Recent Developments in Beneficial Use in the U.S.**
Thomas H. Adams, American Coal Ash Association, U.S.A

16.40 – 17.00 **Construction and Mining applications of 60% – 100 % Portland cement replaced ASH-based concrete in South Africa**
Cyril Attwell, South African Coal Ash Association/Arc Innovation Ltd, SA

17.00 – 17.30 **Steered discussion Audience**

19.00 – 22.00 **Event Dinner**



Tuesday – May 23, 2023

Venue: Warsaw Technical University
ul. Rektorska 4, Warsaw, Poland
www.cziitt.pw.edu.pl
(Room 401)

08.30 – 09.00 *Coffee*

09.00 – 11.00 Session III – Legal Issues / Regulations / Standards

Session Chair: *Frantisek Kresta, Geotechnica, CZ*

09.00 – 09.20 Developments in Regulations and Standards in Europe

Joachim Feuerborn, ECOBA

09.20 – 09.40 Alternative materials in Earthworks – role of Coal Combustion Products

Frantisek Kresta, Geotechnica, CZ

09.40 – 10.00 CCP's in light of Sustainability and Taxonomy

Arina Szczygielska, SustainPro, Warsaw, PL

10.00 – 10.20 The use of fly ash in low CO₂ cements

Joao Vale, FlyAsh Ltd, Lisbon, P

10.20 – 11.00 Steered discussion Audience

11.00 – 11.30 *Coffee break*

11.30 – 13.00 Session IV – Mining, Reclamation, Post-mining use

Session Chair: *Radoslaw Pomykala, AGH University of Science and Technology, Krakow, PL*

11.30 – 11.50 Secondary material in mining and reclamation

Radoslaw Pomykala, AGH University of Science and Technology, Krakow, PL

11.50 – 12.10 Liquidation and filling of underground workings technologies, methods and needs

Grzegorz Strózik, Marcin Popczyk, Silesian University of Technology, Gliwice, PL

12.10 – 12.30 Ash-based fertilizers for reclamation and remediation

Jacek Antonkiewicz, University of Agriculture in Krakow, PL

12.30 – 13.00 Steered discussion Audience

13.00 – 14.00 *Lunch break*

14.00 – 15.30 Session V – Circular Economy & Environment

Session Chair: *Tomasz Szczygielski, Warsaw University of Technology*

14.00 – 14.15 CCP's in light of Circular Economy

Tomasz Szczygielski, Warsaw University of Technology, PL

14.15 – 14.30 PGE – Centre for R&D of the Circular Economy

Lech Sekyra, PGE Ekoserwis; Belchatow, PL

14.30 – 14.50 Environmental Product Declaration – theory and praxis

Michal Piasecki, Building Research Institute, Warsaw, PL

14.50 – 15.10 Radioactivity of CCP's in Poland – research and report

Pawel Krajewski, Central Laboratory for Radiological Protection (CLOR), Warsaw, PL

15.10 – 15.30 Steered discussion Audience

15.30 – 16.00 *Coffee break*

16.00 – 17.30 Session VI – Innovations with CCPs

Session Chair: Arkadiusz Szymanek, University of Technology, Czestochowa, PL

16.00 – 16.20 Green cements and the role of mineral components (MIC)

Stefan Dietz, HOLCIM Switzerland, CH

16.20 – 16.40 Soil treatment with FBC-ash – from laboratory testing to practical application

Frantisek Kresta, Geotechnica, CZ

16.40 – 17.00 TEFRA_Plus – a real example for CO₂ saving

Kamil Szczygielski, Ekotech Group, Warsaw, PL

17.00 – 17.30 Steered discussion Audience

19.00 – 22.00 Gala Dinner



Wednesday – May 24, 2023

Venue: Warsaw Technical University

ul. Rektorska 4, Warsaw, Poland

www.cziitt.pw.edu.pl

(Room 401)

08.30 – 09.00 Coffee

09.00 – 11.00 Session VII – Re-use from stock

Session Chair: Michael McCarthy, University of Dundee, Scotland, UK

09.00 – 09.20 Fly ash from stock – Update on research in the UK

Michael McCarthy, University of Dundee, Scotland, UK

09.20 – 09.40 Ash recovery from stock – issues to consider based on experience in France

Loic Danest, Surschiste, France

09.40 – 10.00 Legacy ash for beneficial use in the U.S.

Rafic Minkara, NXT Innovations LLC, U.S.A

10.00 – 11.00 Steered discussion Audience

11.00 – 11.30 Coffee break

11.30 – 13.00 Session VIII – Processing Technologies

Session Chair: Joachim Feuerborn, ECOBA

11.30 – 11.50 Ash processing and distribution center at the Tušimice power plant

Roman Snop, CEZ, CZ

11.50 – 12.10 Coomtech Drying Technology Reduces Energy Demand Further

Miri Zlatnar, Coomtech Ltd., London, UK

12.10 – 12.30 Stockpiled fly ash reclamation, drying and carbon separation at STET's demonstration plant in Pennsylvania

Lewis Baker, Separation Technologies LLC, US

12.30 – 12.50 Simultaneously drying and sizing of harvested Fly Ash using Atritor Technology

Scott Coley and Andrew Rigg, Atritor Ltd., Coventry, UK

12.30 – 12.45 Steered discussion Audience

12.45 – 13.00 Outcome/Closing remarks – Lech Sekyra / Roman Snop

13.00 – 14.00 Closing Lunch

End of conference