



**IX CONFERENCE „Thermal Treatment of Municipal Waste
- technologies, investment projects, financing options”
22-24 February 2017, Kraków (Galaxy Hotel)**

**Detailed Programme of the Conference*
Day 1 - 22.02.2017**

9.00-13.00 Assembly of exhibition stands
11.00-13.00 Registration at the Conference Office
13.00-14.00 Lunch

14.00 Official opening and presentation of the Conference objectives

- Dorota Kubek, Mariusz Marchwiak, Wydawnictwo "Nowa Energia"
- Ryszard Langer, President of the Board, Municipal Waste Treatment Plant, Krakowski Holding Komunalny SA in Kraków
Conference / Discussion Panel Moderator: Dr. Eng. Grzegorz Wielgosiński, professor at the Łódź University of Technology, Faculty of Process and Environmental Engineering

14.15-15.45 PANEL 1

- **Thermal treatment of municipal waste in the light of new waste management plans** - Dr. Eng. Grzegorz Wielgosiński, professor at the Łódź University of Technology; M. Sc. Eng. Olga Namiecińska; Faculty of Process and Environmental Engineering (30 min)
- **Green Energy from Waste - support to electricity generation from RES** – Mariusz Radziszewski, Department of Renewable Energy, Ministry of Energy (20 min)
- **Activities carried out by the Association of Waste-to-Energy Producers with regard to legal conditions of Thermal Treatment of Municipal Waste** - Andrzej Drewniak, President of the Association of Waste-to-Energy Producers (15 min)
services - Paweł Gawron, Head of Chemical Technologies Department, Ecol Sp. o.o. (20 min)
15.45-16.15 Break and exchange of experience

16.15-17.45 PANEL 2

- **Chemical technologies supporting equipment maintenance at waste incineration plants: an overview of dedicated**
- **International experience in Waste to Energy technologies in the domestic market** - Marcin Nawrot, Sales Director, Elsta Sp. o.o. (20 min)
- **Alternative fuels for the power industry** - Dr. Eng. Piotr Krawczyk, Institute of Heat Engineering, Warsaw University of Technology (20 min)
- **Gasification of waste - an alternative to incineration?** - Prof. Wojciech Nowak, Ph.D., D.Sc. Eng.; Marek Ściążko, D.Sc. Ph.D., Eng., Professor at AGH; Centre of Energy; AGH University of Science and Technology, Kraków
- **Coal-water slurry - waste or precious fuel?** - Izabela Maj, Institute of Power Machinery and Equipment, Silesian University of Technology (20 min)
17.45-18.00 Break: talks and exchange of experience

18.00-19.00 PANEL 3 – DISCUSSION

The following persons (in alphabetical order) have confirmed their participation:

- Janusz Fic, President of the Board, Public Utilities Municipal Company in Krosno - Miejskie Przedsiębiorstwo Gospodarki Komunalnej - Krośnieński Holding Komunalny Sp. z o.o.
- Wojciech Głuszczyk, President of the Board and CEO, Zakład Utylizacyjny Sp. o.o.
- Marek Goleń, Ph.D., Department of Local Government Economy and Financing, SGH Warsaw School of Economics
- Tomasz Gulczewski, Director, Municipal Waste Thermal Treatment Plant, Międzygminny Kompleks Unieszkodliwiania Odpadów Komunalnych ProNatura Sp. z o.o. [Intermunicipal Waste Treatment Facility ProNatura Sp. z o.o.]
- Konrad Nowak, President of the Board, MPEC Sp. o.o. [Municipal Heating Company] in Olsztyn
- Alina Pisiecka, Vice-President of the Board, Przedsiębiorstwo Usługowo-Handlowo-Produkcyjne „LECH” Sp. z o.o.
- Mariusz Radziszewski, Department of Renewable Energy, Ministry of Energy
- Elżbieta Streker-Dembińska, Director, Municipal Waste Treatment Plant in Konin, Miejski Zakład Gospodarki Odpadami Komunalnymi Sp. z o.o. [Municipal Waste Management Company]
- Grzegorz Szastok, Commercial Director, Member of the Board, Amec Foster Wheeler Energia Polska Sp. z o.o.
- Tadeusz Żaba, Director for Plant Start-up, Municipal Waste Treatment Plant, Krakowski Holding Komunalny SA in Kraków

Topics for discussion:

- Incineration of mixed waste, or REF incineration?
- Optimum capacity of waste/RDF incineration plants
- Waste incineration plants in the waste management plans
- Incineration plant as a place of environmental education of the society
- Obstacles and barriers in the construction of municipal waste incineration plants.

20.00-01.00 Gala dinner, disco party

Day 2 - 23.02.2017

7.00-8.45 Breakfast

9.00-11.00 PANEL 4

- **Balance of municipal waste available for thermal treatment in view of the plans to implement the Closed Circuit Economy package – territorial analysis and analysis of prospects for Poland** – Marek Goleń, Ph.D., Department of Local Government Economy and Financing, SGH Warsaw School of Economics (20 min)

- **Multi-fuel power plants with CFB boilers as an integrated solution for waste management, heat production and achieving RES share targets** - Grzegorz Szastok, Sales Director, Member of the Board, Amec Foster Wheeler Energia Polska Sp. o.o. (20 min)
 - **One-year experience in the operation of the Municipal Waste Treatment Plant in Białystok** – Marek Buzon, Head of the Maintenance Department, Municipal Waste Treatment Plant in Białystok (20 min)
 - **Insurance relating to the management of continuity of municipal waste treatment plants' operation** - Arleta Stanisławska, Sales Manager, Biuro Ubezpieczeń Klientów Korporacyjnych EIB SA (15 min)
 - **Practical aspects of the construction and operation of municipal waste small-scale incineration plants: "circular economy". The example of EXETER (UK)** - Andrzej Bednarz, Project Director, TIRU Polska (15 min)
 - **Construction of a power plant fired with alternative fuel in Vilnius: the stage of contractor selection and preparation for implementation** - Artur Mitrowski, Energy Sales Department, Budimex SA (20 min)
- 11.00-11.30 Break: talks and exchange of experience

11.30-13.30 PANEL 5

- **From design to implementation – the construction of an Installation for Thermal Processing with energy recovery at PGE GiEK SA, Rzeszów Heat and Power Plant** - Grzegorz Pelczar, Director for the construction of the installation; PGE GiEK SA, Rzeszów Heat and Power Plant (20 min)
- **Modernization of existing incineration plant: examples from Frankfurt and Budapest** - Rafał Psik, Key Account Director, Doosan Lentjes GmbH (15 min)
- **First experience in the operation of the Municipal Waste Thermal Treatment Plant in Bydgoszcz** - Tomasz Gulczewski, Director, Municipal Waste Thermal Treatment Plant, ProNatura Sp. z o.o., (20 min)
- **Qualified personel builds value** - Andrzej Ziolo, Senior Project Manager and Business Developer Waste to Energy, Ramboll Polska Sp. o.o. (15 min)
- **Progress in the construction of the waste thermal treatment plant in Gdańsk** - Wojciech Gluszczyk, President of the Board and CEO, Zakład Utylizacyjny Sp. o.o. (20 min)
- **Innovative technology for energy recovery from waste** - Zbigniew Wzorek, Ph.D., D.Sc. Eng.; professor at Kraków University of Technology / Gekon Consortium (15 min)

13.30-14.30 Lunch

14.30-16.30 PANEL 6

- **The first experience in the operation of the Municipal Waste Thermal Treatment Plant in Konin - Disposal Konin** – Elżbieta Streker-Dembińska, Director, Municipal Waste Treatment Plant in Konin, Miejski Zakład Gospodarki Odpadami Komunalnymi Sp. z o.o. [Municipal Waste Management Company] (20 min)
 - **Advancement of the construction of a modern RDF fraction incineration plant in Olsztyn** - Konrad Nowak, President of the Board, MPEC Sp. o.o. [Municipal Heating Company] in Olsztyn (20 min)
 - **Valmet RDF-fuelled modular power plants** - Roman Szerszeń, General Manager, Valmet Technologies Sp. o.o. (15 min)
 - **Power generating unit with maximum capacity of 20 MWt, fuelled with alternative fuel** - Jacek Wilamowski, Uniserv-Piecbud SA (15 min)
 - **Incineration of waste fuels: the example of the MBP plant in Krosno** - Janusz Fic, President of the Board, Public Utilities Municipal Company in Krosno - Krośnieński Holding Komunalny Sp. z o.o. (20 min)
 - **Management of residues from waste incineration** – Józef Mokrzycki, President of the Board, Mo-BRUK SA (15 min)
 - **Continuous emission monitoring system as the last stage of the technological process of waste incineration: technical and legal requirements** - Marek Grzesiuk, Head of the Process and Environmental Measurements Department, OMC ENVAG Sp. z o.o. (15 min)
 - **Presentation by SICK** - Krzysztof Ziółkowski, Sales Engineer, SICK Sp. o.o. (15 min)
- 16.30-17.00 Break: talks and exchange of experience

17.00-18.30 PANEL 7

- **The impact of emissions from waste incineration plants** - Dr. Eng. Grzegorz Wielgosiński, professor at the Łódź University of Technology; M. Sc. Eng. Olga Namiecińska; Faculty of Process and Environmental Engineering, Łódź UT (30 min)
- **Experience in the operation of the municipal waste thermal treatment plant in Kraków Municipal** - Tadeusz Żaba, Director for Plant Start-up, Municipal Waste Treatment Plant, Krakowski Holding Komunalny SA in Kraków (20 min)
- **Assessment of environmental risk caused by the management of ash from waste incineration** - Monika Janas, Alicja Zawadzka, Faculty of Process and Environmental Engineering, Łódź University of Technology; Dorota Wasiak, Eko-Serwis Environmental Protection Laboratory (15 min)
- **Preparation and implementation of investment projects in the light of the social and environmental requirements of international funding organizations, based on the example of the "Equator Principles"** – Małgorzata Bednarska-Puente, Multiconsult Polska Sp. o.o. (15 min)

18.30 Disassembly of exhibition stands

19.00-23.00 Dinner – casino, darts, driving simulator, oculus

Day 3 - 24.02.2017

7.00-8.30 Breakfast at the hotel / chek-out of the hotel

9.00 Departure for a technical visit – travel by bus (details of the visit will be given during the registration at the Conference)

9.45-13.00 Technical visit to the Municipal Waste Thermal Treatment Plant in Kraków (plant visiting)

about 14.00 Lunch at the Galaxy hotel

* The Programme may still be modified by the Organiser

