CONFERENCE AGENDA*

4 November 2014 (Tuesday), Holiday Inn Hotel, Bydgoszcz, ul. Grodzka 36, 85-109 Bydgoszcz

9:00 PARTICIPANT REGISTRATION
9:30 OPENING OF THE CONFERENCE

SESSION 1
CONSTRUCTION OF INSTALLATIONS FOR THERMAL TRANSFORMATION OF WASTE – LEGAL AND PRACTICAL CONDITIONS, FINANCING

10:00 Evaluation of project development of the construction of WtE plants as part of the Operational Programme Infrastructure and Environment in regard to the completion of the construction until the end of 2015
Robert Markiewicz, National Fund for Environmental Protection and Water Management, Warsaw

10:20 Planned changes in the European waste policy and its impact on the incineration of waste
Marta Gurin, CEWEP, Brussels

10:40 Reference document BAT (BREF) – incineration of waste
Edmund Fleck, Ph.D., ESWET, Brussels

11:00 Waste Incineration in Lombardy (Northern Italy): policy and permitting issues
Dario Sciunnach, Ph.D., Lombardy Region

11:20 Environmental decision for WtE plants: their content, the most commonly raised objections in cancelled, the duration of appeal procedures
Sergiusz Urban, Ph.D., WKB Wierciński, Kwiecien, Boehr Sp. k., Poznań

11:40 QUESTIONS AND DISCUSSION

12:00 COFFEE BREAK

12:20 PANEL DISCUSSION
PRESENT PROBLEMS OF THE CURRENTLY CONSTRUCTED WTE PLANTS
Run by: Tadeusz Pająk, Ph.D., Eng, Eur Ing, AGH University of Science and Technology in Cracow
Jerzy Boehr, Ph.D., WKB Wierciński, Kwiecien, Boehr Sp. k., Poznań

Panel participants:
Dariusz Grzęzicki, Międzygminny Kompleks Unieszkodliwiania Odpadów ProNatura Sp. z o.o., Bydgoszcz; Andrzej Drewniaik, Miejski Zakład Gospodarki Odpadami Komunalnymi sp. z o.o., Konin; Bożena Przewoźna, Urząd Miasta Poznania; Jakub Bator, Krakowski Holding Komunalny S.A., Kraków; Wojciech Głuższczak, Zakład Utylizacyjny Sp. z o.o., Gdańsk; Guido Bernaccia, TM.E. S.P.A. TERMOMECCANICA ECOLOGIA S.A., Warszawa; Andrzej Zioło, SITA POLSKA Sp. z o.o.; Artur Salamon, Ph.D., Hitachi Zosen Inova; Representative, Cespa Compania Espanola de Servicios Publicos Auxiliares S.A.; Aleksander Stawicki, WKB Wierciński, Kwiecien, Baehr Sp. k., Poznań; Anna Krzysztoń, HOCHTIEF Polska S.A., Warszawa

Topics discussed during the panel:
- echoes of the tenders and their reflection in the contracts and the construction works progress
- current advancement level of construction works in regard to the completion of the investment until the end of 2015
- basic obstacles and problems
- collaboration on the contracting party - contract engineer - contractor line
- competitors on the municipal waste management market

13:20 LUNCH
SESSION 2  CURRENT ADVANCEMENT LEVEL OF POLISH PROJECTS FOR WASTE INCINERATION PLANTS CONSTRUCTION

14:10 Institutional models for construction of the Installation for Thermal Transformation of Municipal Waste (ITPOK): PPP, works concession, self-governmental model
Agnieszka Chwiątkowska, WKB Wierciński, Kwieciński, Boehr Sp. k., Poznań
14:30 Technical and economic aspects of coins recovery from incineration slag
Krzysztof Bochniewicz, WICHARY Technologies Sp. z o.o., Pyrzowice
14:40 Next stages of the construction of WtE Plant for the Bydgoszcz and Toruń Metropolitan Area
Dariusz Gręźicki, Międzygminny Kompleks Unieszkodliwiania Odpadów ProNatura Sp. z o.o., Bydgoszcz
15:00 Energy vs. environmental protection
Marco Gios, Astaldi S.p.A., Warszawa
15:10 RAFAKO S.A. experience in realization of WtE projects
Jerzy Miroślaw, Ph.D., RAFAKO S.A., Racibórz
15:30 Advancement level of construction works of WtE Plant in Białystok
Representative, PUHP Lech Sp. z o.o., Białystok
15:45 Preparation of O&M services in EFW facilities – From job specification to qualified employees
Wolfgang Melon, EEW Energy from Waste Polska Sp. z o.o., Warszawa
15:00 Project development stage of the construction of WtE Plant in Konin
Andrzej Drewniak, Miejski Zakład Gospodarki Odpadami Komunalnymi sp. z o.o., Konin

16:15 QUESTIONS AND DISCUSSION
16:30 COFFEE BREAK
16:50 Waste Ecological Incineration Plant in Cracow – the next stages of the realization
Jakub Bator, Krakowski Holding Komunalny S.A., Kraków
16:05 WtE plant for Poznań – visualization
Artur Salamon, Ph.D., Hitachi Zosen Inova, Switzerland
17:15 Project of construction of WtE plant with the rule of Public-Private Partnership – current experience of the City of Poznań
Bożena Przewoźna, Urząd Miasta Poznania
17:30 Realization of WtE plant – its preparation for the operation in today’s reality
Andrzej Zioło, SITA POLSKA Sp. z o.o., Warszawa
17:40 EcoGenerator – WtE Plant for the Szczecin Metropolitan Area – the advancement level
Tomasz Lachowicz, Zakład Unieszkodliwiania Odpadów w Szczecinie sp. z o.o.

17:55 QUESTIONS AND DISCUSSION
20:00 FESTIVE DINNER WITH LIVE MUSIC IN DWOR HULANKA (ul. Grunwaldzka 309, 85-438 Bydgoszcz)

5 November 2014 (Wednesday), Holiday Inn Hotel, Bydgoszcz, ul. Grodzka 36, 85-109 Bydgoszcz

SESSION 3  PLANNED FACILITIES FOR THERMAL WASTE TREATMENT

9:30 The division of the tasks and risks during the construction of WtE plants
Bartłomiej Jankowski, WKB Wierciński, Kwieciński, Baehr Sp. k., Poznań
9:50 Energy production from municipal waste – small and medium power installations 1-30 MW
Piotr Antczak, Weiss Sp. z o.o., Ostrowiec Świętokrzyski
10:00 Design and first operational experiences of EFW plant Klaipeda/Lithuania
Jens Sohnemann, Ph.D., Eng., Steinmüller Babcock Environment GmbH
10:10 The progress of the preparatory work for the construction of WtE Plant in Gdańsk
Wojciech Głuszcza, Zakład Utylizacyjny Sp. z o.o., Gdańsk
10:30 RDF power plant – installation for the alternative fuels production TYRANNOSAURUS in Mälarenergi-Västerås, Sweden
Kamil Ostapski Ph.D., BMH Technology sp. z o.o.
10:40 Case studies from the UK – delivering new EfW infrastructure
Paul Green, Wheelabrator Technologies Inc.

10:55 Problems with realization of the WtE plant construction plans – sample of Lodz
Magdalena Łysek, The City of Lodz

11:10 Construction project of an installation for thermal usage in a new source of combustible waste fraction in Olsztyn
Konrad Nowak, MPEC Sp. z o.o., Olsztyn

11:25 QUESTIONS AND DISCUSSION

11:35 COFFEE BREAK

SESSION 4 EXPLOITATION OF WtE PLANTS

11:55 Energy and operational efficiency of WtE plant
Tadeusz Pająk, Ph.D., Eng, Eur Ing, AGH University of Science and Technology in Cracow

12:15 Optimisation of the incineration process – new practical experiences
Guido Bernacca, TM.E. S.P.A. TERMOMECCANICA ECOLOGIA S.A., Warszawa

12:35 WTE plant of Lecco: a typical case of exploitation of WTE plant in Italy
Andrea Gubitta, SILEA S.P.A., Valmadrera, Italy

12:55 WTE Plant Spittelau in Vienna – a new installation in existing buildings
Paweł Helbrecht, Mitsubishi Hitachi Power Systems Europe Service GmbH

13:05 Development and realization of incineration plant projects
Thomas Vollmeier, TBF + Partner AG Consulting Engineers, Zurich, Switzerland

13:15 Residue Treatment for Waste to Energy - Stabilization and Solidification
Martin Schmidt, LAB GmbH, Stuttgart

13:30 QUESTIONS AND DISCUSSION

13:45 LUNCH

14:30 Experiences from new Dutch WtE plants – the successes and difficulties of Amsterdam and Harlingen
Jan den Boer, Ph.D., Agricultural University of Wrocław

14:50 Keppel Seghers' RDF Combustion Technology Representative of Keppel Seghers Belgium

15:00 TIRU’s oscillating kiln furnaces as a new source of green energy from waste for CHP plants
Barthelemy Fourment, Andrzej Bednarz, TIRU, subsidiary of EDF

15:15 Developing Waste to Energy plants with a focus on technology
Kim Bredahl, Babcock & Wilcox Volund

15:25 Experience in the thermal conversion of municipal waste, RDF, sewage sludge and medical waste
Ryszard Strzelecki, Ph.D., CNIM IMAGINER ET AGIR, Paris

15:35 Including the energy produced in WtE plant to RES and obtaining the renewable energy certificates
Maciej Szambelańczyk, WKB Wierciński, Kwieciński, Baehr Sp. k., Poznań

15:45 QUESTION AND DISCUSSION

16:00 COFFEE BREAK

SESSION 5 PROCESS WASTE MANAGEMENT

16:25 Residues from incineration and residues and flue gas cleaning products management in WtE plant
Andreas Salamon Ph.D., AMK mbH, Iserlohn, Germany

16:45 Treatment of incineration Bottom Ashes – State of art in Germany
Jan Robert Belouschek, C.C. Umwelt AG, Krefeld, Germany

16:55 Flue Gas Cleaning Today - Best Available Technology
Christian Fuchs, LAB GmbH, Stuttgart

17:05 Flue gas treatment, dry system: innovative solutions
Prof. Valerio Cozzani, Ph.D., University of Bologna

17:25 Possibilities of using the slags from the thermal treatment of municipal waste (WtE) plants in road construction
Cezary Kraszewski Ph.D. Eng, Road and Bridge Research Institute, Warsaw

17:45 SUMMARY OF THE SESSION, TERMINATION OF THE CONFERENCE

20:30 OFFICIAL DINNER IN HOLIDAY INN HOTEL
10:00 Visit to the waste to energy plant under construction in Bydgoszcz (ul. Ernsta Petersona 22, Bydgoszcz)

The ‘Construction of the Municipal Waste-to-Energy Plant for Bydgoszcz and Toruń Metropolitan Area’ Project is co-financed by the European Union within the framework of the Operational Programme Infrastructure and Environment from the Cohesion Fund.

As part of the Project, a Waste-to-Energy plant (WtEP) with a production capacity of 180 000 Mg/year, a composting facility with a capacity of 4 000 Mg/year, a waste transfer station in Toruń with a capacity of 60 000 Mg/year, as well as a supply network, outputting heat energy and electricity from the WtEP, together with the entire infrastructure, will be created. The total cost of the Project is 522 101 801 PLN, including the EU aid in the amount of 255 424 188 PLN and a loan from the National Fund for Environmental Protection and Water Management (NFOŚiGW) in the amount of 163 350 000 PLN.

The designing and construction of the Bydgoszcz waste-to-energy installation were entrusted to the Italian companies Astaldi S.p.A. and Termomeccanica Ecologia S.p.A., which were selected by means of a tender. The construction was initiated in September 2013. The contractor plans to obtain a use permit in the 3rd quarter of 2015. The Bydgoszcz facility will operate around the clock, 7 days a week, converting waste from Bydgoszcz, Toruń and nearby municipalities into electricity and heat. 54 000 MWh/year of electricity and 668 000 GJ/year of heat will be produced from municipal waste in the waste-to-energy process. This equals to the needs of a Bydgoszcz housing estate with several hundred thousand inhabitants. Thanks to the revenues from the sale of generated energy, the cost of waste disposal will be lower.

In the constructed object, power machines and equipment will be installed which will enable maximum utilisation of energy recovered as a result of the operation of 2 waste-to-energy lines. A special extraction condensing turbine and heat exchangers will allow for simultaneous generation of electricity and heat energy through cogeneration, and also exclusively of electricity during a periodic lack of heat reception.

District heating water for the urban heating system will be heated up in a heat exchanger. It will be a so-called green energy which operators are obliged to repurchase from the producer.

The Bydgoszcz investment with a target capacity of 180 thousand tons of waste a year will be based on a tested grate incineration technology.

13:30 LUNCH WITH KUYAVIAN-POMERANIAN GOOSE IN HOLIDAY INN HOTEL

Kuyavian-Pomeranian is famous for excellent goose. Few years ago the government of Kuyavian-Pomeranian Voivodeship decided to start a local campaign (Time for a goose - "Kuyavian-Pomeranian goose on St. Martin") in order to restore the tradition of serving and eating goose meat from St. Martin Day (11th November) until Christmas.

During lunch at the Holiday Inn Hotel you will be able to enjoy tasty and healthy dishes with tasty regional goose.

* * The organisers reserve the right to modifications of the agenda
** Unconfirmed speech