

## 43<sup>rd</sup> PREWIN Meeting Bologna



### AGENDA

Thursday 27<sup>th</sup> October

HERAmbiente, Bologna, Italy

- 08.15 Registration
- 09.00 Opening of the Meeting
- 09.05 Status of Prewin network, Robert van Kessel, Operating Agent Prewin, the Netherlands
- 09.30 *Introduction of HERAmbiente*, Luca Pernetta, HERAmbiente, Italy
- 10.00 *An overview of measures to optimise a plant with a focus on thermochemical aspects*, Johan De Greef, KU Leuven, Belgium
- 10.30 Coffee break
- 11.15 *Results of the availability survey*, Robert van Kessel, Operating Agent, Prewin Network, the Netherlands
- 11.45 *Measures for high availability at WtE plant Renergia*, Ruedi Kummer, Renergia, Switzerland
- 12.15 *How to keep high availability in an incinerator plant in the long term?*, Luc Crauwels, Indaver/Svex, Belgium
- 12.45 Lunch
- 13.45 *Towards increasing Herambiente's plant availabilities*, Matteo Cavallini and Alessandro Fabbri, HERAmbiente, Italy
- 14.15 *Increasing availability: experiences & new solutions in the plants in Torino, Parma and Piacenza*, Giovanni Corti and Michele Borelli, IREN Ambiente, Italy
- 14.45 *Waste incineration 4.0- Becoming future ready*, Sneha Verma and Chantal de Waal, AEB Amsterdam, the Netherlands
- 15.15 Coffee Break

- 15.45 *Optimisation Strategies for the Future: Simulation & Modelling, Virtual Commissioning, Machine Learning / AI-Algorithms and Advanced Combustion Control*, Martin Zwiellehner, SAR, Germany
- 16.15 *Boosting Combustion Control through AI - Case Study: "Automatic Waste Type Prediction"*, Simon Geiger and Frank Wissing, Steag, Germany
- 16.45 *Two-stage dry systems for cost-effective acid gas removal: optimization through data analysis, process modelling, and control tuning*, Alessandro Dal Pozzo, University of Bologna, Italy
- 17.15 End of the meeting

*Evening programme*

- 19.00- 20.30 Guided city tour
- 21.00 Dinner

**Friday 28<sup>th</sup> October**

**Waste to Energy plant, HERAmbiente Bologna**

**Group 1**

- 09:00 Departure of the bus from headquarters HERAmbiente
- 09.30 Presentation and plant tour
- 11.30 Arrival at airport

**Group 2**

- 10:00 Departure of the bus from headquarters HERAmbiente
- 10.30 Presentation and plant tour
- 12.30 Arrival at airport

**Group 3**

- 10.40 Departure of the bus from headquarters HERAmbiente
- 11.15 Presentation and plant tour
- 13.35 Arrival at airport