

# 12th ISWA Beacon Conference on Waste-to-Energy

27-28 NOVEMBER  
STOCKHOLM, SWEDEN

[Register](#)

## DAY 1 | NOVEMBER 27th

09:30	Welcome
10:00	Opening address
Session 1	
10:20	EU Visions, Demands, and Expectations on Waste-to-Energy: Its role in <i>the future EU energy production</i>
10:50	Challenges and how to meet the EU Visions, Targets, Strategies, and Directives on Climate Change, Circular Economy, Waste Management from a Waste-to-Energy perspective
11:30	Waste-to-Energy in a Global Perspective
12:00	Lunch & Sponsor Exhibition
Session 2: Waste-to-Energy and Climate	
13:30	WtE & CCUS: An overview at EU Level, the sector vision towards carbon negative and the certification of carbon removals from WtE plants
14:00	New Proposal: <i>The base methodology for measuring net carbon dioxide removal through bioenergy with carbon capture and storage (BECCS) and the response from the market</i>
14:30	How to create a commercial market for industrial carbon removals and trade of negative CO2 emissions?
15:25	Coffee & Sponsor Exhibition
15:30	Financing of CCUS – reverse auctions and extended plastic producer responsibility
16:10	CCUS case studies
16:40	Panel discussion
17:40	Summary

Reception Dinner will take place at the conference venue at 19.30.

*Allergies or special diets?*

*Please make sure to report this upon registration*



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## DAY 2 | NOVEMBER 28th

### Session 3

- 09:00** Pre-treatment plants after source separation but before W-t-E to increase the recycling of different waste fractions to minimize the content of plastics and the CO2-emissions. What contribution can it make and what are the limitations?
- 09:30** The future need for thermal treatment – what waste flows will energy recovery receive in the future and how do facilities adapt to changing waste properties?
- 10:00** The commercial and trading situation around fuel supply RDF and energy markets. Is trade restrictions in the cards? Pros and cons from a climate perspective?
- 10:30** Coffee & Sponsor Exhibition

### Session 4: Operational challenges and Improvements

- 11:15** Examples on operational development to improve the incineration process to increase the energy production and to reduce the emissions. Thermal limitation challenges connected to sorting out plastics
- 12:00** Lunch & Sponsor Exhibition
- 13:30** Operational problems linked to laughing gas tubes
- 14:00** PFAS a problem for Waste-to-Energy? Emissions and measurement methods
- 14:30** Bottom ash sorting for increased recovery/recycling of valuable metals and for the production of bottom ash gravel - development methods, technology, business models, and markets. Possibilities and obstacles. Case studies and experiences from The Netherlands, Denmark
- 15:00** Coffee & Sponsor Exhibition
- 15:30** Commercial methods for treatment of fly ash
- 16:00** Fly ash as a resource (panel)
- 16:30** Summary and Closing

On the 29th of November, we will arrange technical visits. Places are limited.

Read more on our website  
[www.trippus.net/beacon2024](http://www.trippus.net/beacon2024)



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