



Closing event, Thursday, December 2nd, 2021 –

## Biogas, Carbon Footprint and Industrial Symbiosis

Workshop on how biogas solutions practically contribute to climate change mitigation in energy intensive industry

### Session 1 – EffiSludge results and the role of biogas in industrial carbon reduction

- 10:00 **Opening remarks and general information regarding the workshop**  
*Francesco Ometto, EffiSludge for Life Project Manager*  
*Frank Scholwin, Institute for Biogas, Waste Management and Energy*
- 10:10 **The EffiSludge for LIFE project: results and conclusions from the demonstration project on improved resource efficiency in treatment of wastewater for pulp and paper industry**  
*Francesco Ometto, Scandinavian Biogas Fuels*
- 10:40 **Energy consumption in high-energy industries and the path to carbon neutrality by 2050**  
*Hugo Salamanca, International Energy Agency (IEA)*
- 10:50 **The role of biogas production from industrial wastewaters in reaching climate neutrality by 2050**  
*Mieke Decorte and Marco Giacomazzi, European Biogas Association (EBA)*
- 11:10 **Session 1 panel discussion: Industrial symbiosis of the future – what is the role of large-scale industries and biogas for achieving carbon neutrality?**  
*Malgosia Rybak, Climate Change & Energy Director, CEPI*  
*Jon Henrik Steinsli, Norske Skog*  
*Jörgen Ejlertsson, Process and R&D Director, Scandinavian Biogas Fuels*  
*Henrik Dahlsson, Sustainable Manager at Scania*
- 12:00 **Lunch Break**
- Session 2 – Carbon-saving potential with industrial symbiosis and alternative wastewater treatment – Projects and examples**
- 13:15 **The LIFE Water Factory project**  
*Frans Visser, Waterschap Vallei en Veluwe*
- 13:25 **The LIFE Anadry project**  
*Silvia Doñate, DAM Depuración de Aguas del Mediterráneo*
- 13:35 **Stakeholder co-operation to boost biogas production – case Pirkabio and ECO3**  
*Irina Simola and Sakari Ermala, Finnish Centre for Economic Development, Transport and the Environment*
- 13:50 **Experience from Kalundborg Symbiosis**  
*Per Møller, Kalundborg Symbiosis*
- 14:10 **Session 2 panel discussion: What are the challenges for implementing industrial symbiosis?**  
*Per Møller, Kalundborg Symbiosis*  
*Annika Björn, Linköping University*  
*Madeleine Larsson, Linköping University*  
*Fredrik Nilsson, FN Engineering*  
*Magnus Johanson, Fiskeby Board*
- Wrap up and closing**  
14:45 – 15:00 **Closing remarks**

Funding provided by



Organized by

