





Programma

Interreg REEF2W - Increased renewable energy and energy efficiency by integrating, combining and empowering urban wastewater and organic waste management systems

-  Martedì 5 Novembre 2019
-  09:30 - 13:00
-  [Memo \(/eventi/programma/seminari-e-convegni/app-13930421.ics\)](/eventi/programma/seminari-e-convegni/app-13930421.ics)
-  Sala Noce Pad A6

Preaccredito

Confermi il preaccredito a questo convegno?

Codice Fiscale

Provincia dell'albo di appartenenza

Numero di iscrizione all'albo (indicare solo il numero e non le lettere della sezione)

Preaccreditati al convegno

Annulla

Preaccredito

Confermi di voler cancellare il preaccredito a questo convegno?

Cancella preaccredito

Annulla

A cura di **ENEA**

Organic waste and wastewater treatment still represent a relevant energetic consumption in the EU. 3.5% of the EU's electricity consumption is related to sanitation treatments. To this value, it is necessary to add the energetic consumptions related to the Organic Fraction of Municipal Solid Wastes that represent another 0.5% of the total electric energy consumption in Europe. Improving energy efficiency therefore represents an opportunity to lower operational costs and carbon footprint of these sectors. The workshop aims to discuss about the energy potential of the waste and wastewater sector to stimulate policy makers to re-evaluate the approach at its management. INTERREG REEF 2W project intend to provide a Tool able to develop potential scenarios for maximizing the energetic efficiency of the treatment plants and the recovery and reuse of the energy produced.

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9.30 Registration & Welcome

10:00 REEF 2W presentation: objectives and results

Roberto Farina Department for Sustainability ENEA

10:20 Integrated sustainability assessment of wastewater based energy supply

Florian Kretschmer Boku University

10:40 Integrated spatial and energy planning for wastewater based heat supply

Peter Lichtenwöhrer Boku University

11:00 Energy balance and carbon footprint for biogas upgrading and power-to-gas at a wastewater treatment plant in Berlin

Mehdi Habibi KWB

11:20 coffee break and REEF 2W & video presentation

11:40 Policies recommendations for creating an enabling environment for wastewater-to-energy solutions in Europe

André Müller, Research Analyst, Adelphi Research

12:00 Presentation of REEF 2W Tool and its possible applications


Roberto Farina Department for Sustainability ENEA

12:20 A methodology for benchmarking of energy consumption in municipal wastewater treatment plants

Paolo Sabia ENEA Department for sustainability

12:40 Discussion and Conclusion

Workshop in lingua inglese

●  [All the REEF 2W events/programmi/seminari-e-convegni/e4705677/altre-proposte.html](https://www.iefexpo.it/it/programmi/seminari-e-convegni/e4705677/altre-proposte.html)

-  Convegno



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