

Online seminar on heat recovery

A. Kleyböcker, S. Casa Garriga, F. Fantone, C. Bruni

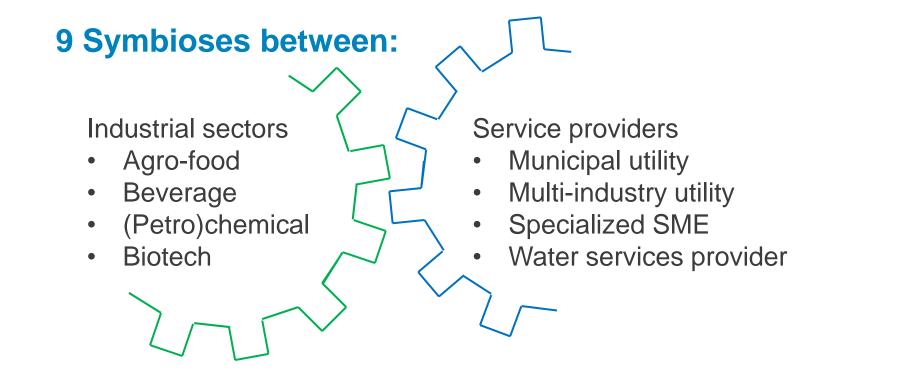
February, 26th 2021





Ultimate (June 2020 – May 2024): Industry water-utility symbiosis for a smarter water society

- Promotion, establishment and extension of Water Smart Industrial Symbioses
- Development and demonstration of **innovative technologies** for symbioses
- Assessment of the technologies and development of digital "support tools"
- Development of **new business models** towards marketability







Coordinator: KWR

9 Case Studies

27 Partners

37 Technologies





The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 869318



3 Cross-cutting Technology Groups:

9 Topics



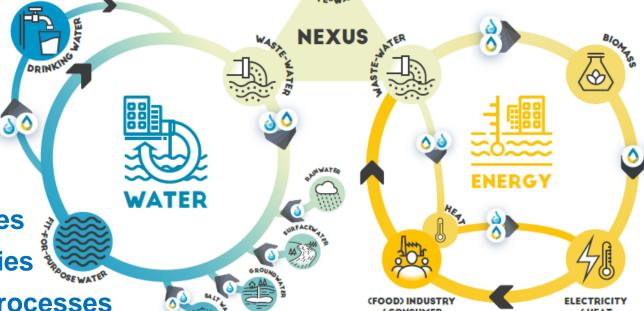


- Nutrient recovery
- High added value products
- Metal recovery



S. Casas

- Membrane technologies
- Adsorption technologies
- Advanced oxidation processes



/ MATERIAL

Industry

KOMPETENZZENTRUM Wasser Berlin

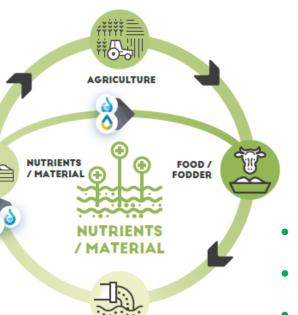
A. Kleyböcker

- Biogas technologies
- Heat recovery
- Digitalization



3 Cross-cutting **Technology Groups:**

9 Topics







F. Fatone C. Bruni

- **Nutrient recovery**
- **High added value products**
- **Metal recovery**



S. Casas



Membrane technologies

- **Adsorption technologies**
- **Advanced oxidation processes**



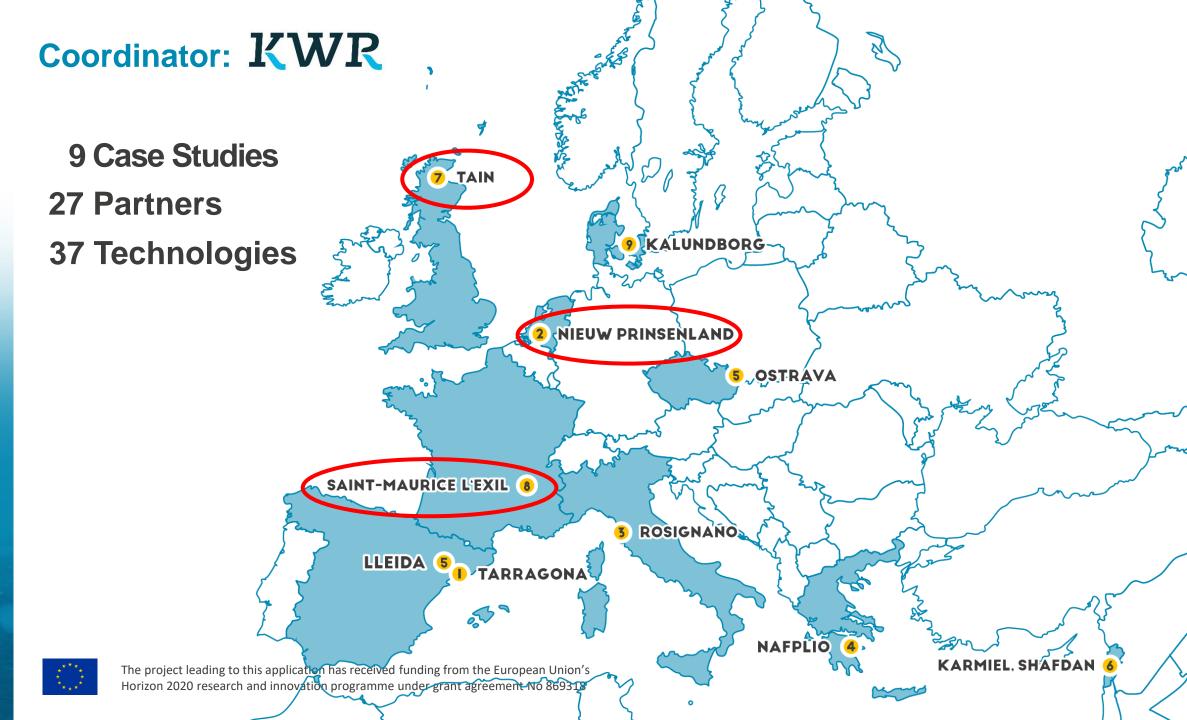
Industry



A. Kleyböcker

- Biogas technologies
- **Heat recovery**







Online seminar on heat recovery

11:55	End
11:30	BioKS : How to avoid corrosion in aquifer thermal energy systems in Germany? Hilke Würdemann (Merseburg University of Applied Sciences)
11:05	NextGen : Aquifer thermal energy system at the greenhouse of Koppert-Cress <i>Martin Bloemendal (TU Delft & KWR)</i>
11:00	Short break
10:45	CS2 Nieuw-Prisenland: High temperature aquifer thermal energy solution in greenhouses Marette Zwamborn (KWR)
10:30	CS8 Chemical platform of Roussillon: Recovery of heat from flue gas washing water Anne Reguer (IWS Chemicals, Recycling & Recovery Europe, Suez)
10:15	CS7 Tain: Heat recovery from anaerobic membrane bioreactor effluent Marc Pidou (Cranfield University)