

What is the secret of successful water smart industrial symbioses?

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# **Ultimate (June 2020 – May 2024):**

- 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"
- **Engagement of stakeholders** to discuss and enhance our Ultimate solutions
- Development of **new business models** towards marketability



















































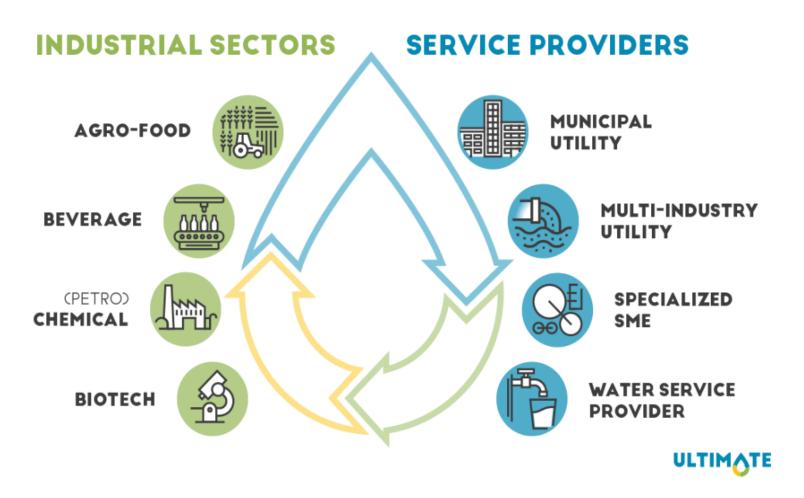








#### **SYMBIOSES BETWEEN:**







Coordinator: KWR 9 Case Studies 9 KALUNDBORG **37 Technologies** NIEUW PRINSENLAND 5,OSTRÁVA SAINT-MAURICE L'EXIL 8 ROSIGNANO LLEIDA 5 TARRAGONA NAFPLIO KARMIEL 6 SHAFDAN (





# Ultimate solutions involve circular economy technologies



(FOOD) INDUSTRY



Membrane technologies



# Tools to engage stakeholders



The main vision is to design and promote active stakeholder engagement and innovation cocreation by transdisciplinary knowledge and capacities from Art, Technology and Digital Humanities.

In this way, we will produce knowledge capable of addressing the complexities inherent in symbiotic arrangements engaging industry, water utilities and the general public











### What is the secret of successful WSIS?

10:05	CS9: Kalundborg Symbiosis and the secret behind a resilient partnership Lisbeth Randers (Kalundborg Symbiosis)
10:20	Strategy and role of multi-utilities to deliver territorial symbioses and circular economy  Enrico Pochettino (IREN)
10:35	CS3: The ARETUSA symbiosis for local and regional water-smart sustainability Gianluca Pettinello (Solvay) & Lorenzo Bagnoni (ARETUSA)
10:50	Break
11:00	CS1: Success of the Tarragona Symbiosis and strategy of the Water-Smart Industry Vision Leadership Miquel Rovira Boixaderas (Eurecat)
11:15	AquaSPICE: Capitalising the experience of others to achieve a successful symbiosis Athanasios Angelis-Dimakis (Huddersfield University)
11:30	Discussion (Moderation: Stefania Munaretto)
12:15	End





# Please mute your microphone and use the chat to ask questions!

#### Please note: we will record the workshop

The recording starts at the beginning of the meeting.





# Presentations will be available on our webpage: ultimatewater.eu

