

Circular Economy: Taking stock of the value of (waste)water

Monday, 12 September 2022
Ballroom 180 (Bella Sky Hotel)
Copenhagen, Denmark



Description

Circular economy has gained momentum, in particular to prevent or at least lessen the pressures from a growing and dynamic socio-economic and business oriented ecosystems. In this session, we will show and discuss the value of and value in (waste)water with particular focus on creating systems solutions, symbiosis and value chains in the transition to a circular economy.

Following keynotes on water and energy in the circular economy, a series of short presentation on a number of initiatives related to water re-use and material recovery will be presented. The short presentations will be followed by round table discussions to address key questions and issues on water re-use and material recovery in the circular economy.

Time	Item	
	Walk-in	<i>Participants arriving at the session</i>
10:00-10:05	Welcome and opening <ul style="list-style-type: none"> Introduction to the session 	Speaker: <ul style="list-style-type: none"> Lydia Vamvakeridou-Lyroudia (Senior Scientific Researcher & Watershare Programme Director, KWR)
10:05-10:25	Water in the circular economy <ul style="list-style-type: none"> Drinking water Wastewater 	Speakers: <ul style="list-style-type: none"> Kees Roest (Senior Scientific Researcher, KWR) Francesco Fatone (Professor, Polytechnic University of Marche)
10:25-10:45	Energy in the circular economy with examples on: <ul style="list-style-type: none"> Heat storage Hydrogen 	Speakers: <ul style="list-style-type: none"> Marette Zwamborn (Senior Scientific Researcher, KWR) Jos Boere (Director, Allied Waters B.V.)
10:45-10:50	Break	
10:50-11:20	Short presentations (plenary)	
	Water Re-use <ol style="list-style-type: none"> Water Smart Industrial Symbiosis (ULTIMATE) Water re-use for a robust regional fresh water supply (KWR) 	Speakers: <ol style="list-style-type: none"> Preben Thisgaard (Senior Project Chief, Kalundborg Forsyning A/S) Klaasjan Raat (Senior Scientific Researcher, KWR)
	Materials <ol style="list-style-type: none"> Resource Recovery: Materials (Aarhus ReWater) Material value chains (AquaMinerals & Allied Waters B.V.) 	Speakers: <ol style="list-style-type: none"> Per Overgaard Pedersen (Chief Engineer, Aarhus Vand A/S) Olaf van der Kolk (Director, AquaMinerals) & Jos Boere (Director, Allied Waters B.V.)
11:20-11:55	Round table discussion (parallel)	<i>Participants join a table</i>
	Table 1: Water Re-use	Co-facilitators: <ul style="list-style-type: none"> Klaasjan Raat (Senior Scientific Researcher, KWR) Janine de Wit (Scientific Researcher, KWR)
	Table 2: Materials	Co-facilitators: <ul style="list-style-type: none"> Kees Roest (Senior Scientific Researcher, KWR) Sid Seshan (Scientific Researcher, KWR)
11:55-12:00	Key message from tables Closure	Speakers: <ul style="list-style-type: none"> Co-facilitators Lydia Vamvakeridou-Lyroudia