

Meeting: SubSol Open seminar: Robust future water supply and water reuse in coastal areas
 Date: 29 and 30 August 2018
 Location of meeting: Crowne Plaza Brussels – Le Palace (Rue Gineste 3)

The EU Horizon 2020 project SUBSOL - bringing coastal SUBsurface water SOLutions to the market - concludes with a final seminar on coastal water supply and reuse on Wednesday August 29 and a site visit to the ASR reuse facility Dinteloord on Thursday August 30. The program is open for businesses, policy makers, end users, researchers and other stakeholders dealing with freshwater supply in coastal areas.

The potential role of treated wastewater reuse as an alternative source of water supply is well acknowledged within European and national strategies. Water reuse is a top priority area in the Strategic Implementation Plan of the European Innovation Partnership on Water, and recently the European Commission has proposed new rules to stimulate and facilitate water reuse for agricultural irrigation. The subsurface can facilitate water reuse, by balancing the availability of reuse water with times of water demand after subsurface storage, and by improving the quality of the water through soil passage. Two of the SUBSOL replication sites indeed use treated wastewater as a water source.

The seminar brings together reuse experiences from the SUBSOL project, the European Union’s policies and reuse agenda, and experiences from end-users within and outside of Europe. Together we will sketch the prospects for robust future water supply and water reuse in coastal areas, contributing to the agenda for research, policy development and investments in the next decade.

Program Wednesday August 29, 2018

Seminar: Robust future water supply and water reuse in coastal areas. Contributing to the agenda for research, policy development and investments in the next decade.

13:30 – 13:45	Walk in and coffee	
13:45 – 14:00	Welcome and today’s scope	Gerard van den Berg (KWR)
14:00 – 14:20	Subsurface storage enabling water reuse, lessons learned from the SUBSOL project	Klaasjan Raat (KWR)
14:20 – 14:40	Water reuse in the Europe: EU policy development	Erik Pentimalli (EASME)
14:40 – 15:30	Experiences from European and int’l end-users, 4 pitches: <ul style="list-style-type: none"> - Dinteloord, the Netherlands (agriculture) - West-Flanders, Belgium (drinking water) - Maneadero Valley, Mexico (agriculture) - Recife, Brazil (drinking water) 	Piet Janmaat (TOM, D’oord) Alexander Vandenbohede (De Watergroep) Walter Daesslé (UABC) Suzana Gico Montenegro (UFPE)
15:30 – 16:15	Round table discussion: contributing to the EU agenda for research, policy development and investments Panelists: Christos Makropoulos (NTUA), Ronjon Chakrabarti (adeplhi), Suzana Montenegro (UFPE), Walter Daesslé (UABC), Klaasjan Raat (KWR), European Commission	Paul Jeffrey (Cranfield University; Water Reuse Europe)
16:15 – 16:30	Wrap up and main conclusions	Gerard van den Berg (KWR)
16:30 – 17:30	Drinks reception	



Program Thursday August 30, 2018

Site visit Dinteloord: Aquifer Storage and Recovery (ASR) to enable water reuse by greenhouse horticulture.

	Thursday August 30, 2018. Site visit ASR reuse Dinteloord	
09:00	Departure from Karel Rogierplein, Brussels (autobus)	
10:30	Arrival Suiker Unie, Dinteloord, the Netherlands	
10:45 - 11:00	Welcome to sugar factory Dinteloord	Paul Hagens (Suiker Unie)
11:00 - 11:15	Growing tomatoes on reuse water from sugar beets. The end users perspective	(KWR / TOM Dinteloord)
11:15 - 11:45	The Dinteloord ASR reuse system: from idea, to design and realization	Koen Zuurbier (KWR)
11:45 - 12:15	Lunch	
12:15 - 14:00	Visit ASR well field	Koen Zuurbier (KWR)
14:00	Departure from Suiker Unie (autobus)	
15:30	Expected arrival and drop-off Brussels Airport	
16:00	Expected arrival Karel Rogierplein, Brussels	

