



**Final MATCHING Workshop**  
**Liaison agency Flanders-Europe in Bruxelles, Belgium**  
**June 25-26, 2019**

**Agenda**

**Tuesday June 25, 2019**

08:30 – 09:00	<b>REGISTRATION</b>	
09:00 -09:30	<b>Introductory remarks &amp; Welcome</b> <u>Daniela GALLA</u>	ENEL
	Session I  <b>9:30 – 13:00 Morning Session</b> <i>Chairpersons: <u>Daniela GALLA</u>, <u>Johan VAN BAEL</u></i>	
09:30 – 10:30	<b>Plenary Lecture</b> <b>Thirst for Power: Energy, Water and Human Survival</b> <u>Michael WEBBER</u>	ENGIE
10:30 – 11:00	<b>Success indicators, techno-economical targets, and establishment of scenarios for advanced cooling technologies cost-benefit analysis</b> <u>Han HUYNH/Leo DE NOCKER</u>	ENGIE LBE/VITO
11:00 – 11:30	<b>Coffee break</b>	
11:30 – 12:00	<b>Pilot plant results water treatment technologies applied for recirculating cooling system</b> <u>Christophe VANSCHepDAEL</u>	ENGIE LBE
12:00 – 12:30	<b>Implementation of water treatment technologies for new built cooling towers within Europe</b> <u>Sofie VAN ERMEN</u>	VITO
12:30 – 13:00	<b>Hybrid cooling with ATEs of Geothermal plants: simulation results and feasibility</b> <u>Johan VAN BAEL</u>	VITO
13:00 – 14:30	<b>Lunch</b>	
	Session II  <b>14:30 – 19:00 Afternoon Session</b> <i>Chairpersons: <u>Sofie VAN ERMEN</u>, <u>Enrico DRIOLI</u></i>	
14:30 – 15:30	<b>Plenary Lecture</b> <b>Water treatments with Membrane Systems</b> <u>Enrico Drioli</u>	ITM

15:30 – 16:00	<b>Remediation of flue gas desulfurization wastewaters by integrated membrane systems</b> <u>Alfredo CASSANO</u>	ITM
16:00 – 16:30	<b>Coffee break</b>	
16:30 – 17:00	<b>Wastewater treatment with innovative membrane technologies</b> <u>Joana Carvalho/ Andrea Morandi/David Fernandez</u>	AQUASTILL/ ENEL/ENDESA
17:00 – 17:30	<b>Plume of cooling tower: source of water and chemicals</b> <u>Francesca MACEDONIO</u>	ITM
19:00	<b>Conference Dinner</b>	
<b>Wednesday June 26, 2019</b>		
	Session III <b>9:00 – 13:00 Morning Session</b> <b>Chairpersons:</b> <u>Ricardo LOSADA MATEO, Luca BERTOCCHI</u>	
09:00 – 09:30	<b>Si-based coating technologies for improving the performance of cooling systems in power plants</b> <u>Mireille POELMAN</u>	MATERIANOVA
09:30 – 10:00	<b>Coatings and surface texturing pilot tests in MATCHING for improving the performance of condensers</b> <u>Andres SANCHEZ- BIEZMA SACRISTAN</u>	ENDESA
10:00 – 10:30	<b>Hybrid Cooling tower retrofit in a geothermal power plants: outcomes from H2020 Matching project</b> <u>Alessio BARDI</u>	EGP
10:30 – 11:00	<b>Coffee break</b>	
11:00 – 11:30	<b>Water innovation in a renewable world</b> <u>Ludwin DAAL</u>	BLUE EXPERT
11:30 – 12:45	<b>Round table - Post Matching: new scenarios and new projects for the water energy nexus</b> <b>Moderator – Daniela GALLA</b> <b>Participants - Sara MONTOMOLI, Han HYUNH, Enrico DRIOLI, Loic CHARPENTIER, Luca BERTOCCHI</b>	Enel, EGP, LBE, ITM, WSSTP, SPIG
12:45 – 13:00	<b>Q&amp;A and Closing remarks</b> <u>All</u>	
13:00 – 14:30	<b>Lunch</b>	