



EUROPEAN COMMISSION

RESEARCH EXECUTIVE AGENCY

Excellent Science

Marie Skłodowska-Curie Innovative Training Networks

**CLUSTER EVENT “CLEAN WATER”  
GIRONA (ES), 22<sup>ND</sup> OCTOBER 2019**

Final Agenda

Time	Title	Speaker
08:30 – 08:45	Arrival of participants	
08:45– 09:10	<b>Welcome and Introduction</b>	Emanuela Galeazzi - REA A.1 Sergi Sabater, ICRA's Deputy Director
09:10 – 09:30	Career development opportunities in MSCA	Barbara Mester Head of Sector REA A.1
09:30 – 09:50	“Clean Water”: EU water policy development	Daniela Buzica & Anna Marczak DG ENV C.1 & DG ENV C.2
09:50 – 10:05	The <b>TreatRec</b> project	Mira Petrovic ICRA - Coordinator
10:05 – 10:15	Taking advantage of autotrophic biomass: Potassium and phosphorus recovery from municipal wastewater	Sara Johansson Project <b>TreatRec</b> ESR at Universitat de Girona
10:15 – 10:25	Resilience of water resource recovery facilities: a framework for quantitative model-based assessment	Pau Juan Garcia Project <b>TreatRec</b> ESR at Atkins Limited
10:25 – 10:40	The <b>ANSWER</b> project	Irene Michael-Kordatou University of Cyprus - Scientific Manager
10:40 – 10:50	Investigating the potential of transformation products of antibiotics formed during advanced wastewater treatment to induce biological adverse effects and antibiotic resistance	Vasiliki Beretsou Project <b>ANSWER</b> ESR at University of Cyprus
10:50 – 11:10	Tea/coffee break	
11:10 – 11:25	The <b>SuPER-W</b> project	Gijs Du Laing University of Gent - Coordinator
11:25 – 11:35	Application of microalgae for wastewater treatment and recovery of bioenergy and high-value bioproducts	Larissa Terumi Arashiro Project <b>SuPER-W</b> ESR at Universitat Politecnica de Catalunya
11:35 – 11:45	Tackling bottlenecks for water reclamation and reuse from municipal wastewater treatment plants	Philipp Kehrein Project <b>SuPER-W</b> ESR at Technische Universiteit Delft
11:45 – 12:00	The <b>AQUALity</b> project	Paola Calza University of Torino - Coordinator
12:00 – 12:10	Evaluation of CECs in drinking water including toxicological assessment of their degradation by-products	Dimitra Papagiannaki Project <b>AQUALity</b> ESR at Società Metropolitana Acque Torino S.p.A.

12:10 – 12:20	Photolysis vs. (photo)-Fenton: a comparison for the fluoroquinolones degradation and its by-product study employing EEM-PARAFAC	Iván Matías Sciscenko <i>Project <b>AQUALity</b></i> <i>ESR at Universitat Politecnica de Valencia</i>
12:20 – 13:50	Lunch	
13:50 – 14:05	The <b>HypoTRAIN</b> project	Jörg Lewandowski <i>IGB Berlin - Coordinator</i>
14:05 – 14:15	What happens to micropollutants in the hyporheic zone? – findings of an interdisciplinary joint mesocosm experiment	Anna Jäger <i>Project <b>HypoTRAIN</b></i> <i>ESR at Forschungsverbund Berlin EV</i>
14:15 – 14:30	The <b>ENIGMA</b> project	Damien Jougnot <i>UPMC-CNRS - Deputy Coordinator</i>
14:30 – 14:40	Can vertical gravity gradients monitor seasonal soil moisture dynamics in karst? - Improvements from a new portable absolute quantum gravimeter and coupled hydro-gravimetric modelling	Anne-Karin Cooke <i>Project <b>ENIGMA</b></i> <i>ESR at <math>\mu</math>Quans</i>
14:40 – 14:50	Flow and reactions in stream-riparian zone systems, a multi-method space and time patterns characterization	Guilherme Nogueira <i>Project <b>ENIGMA</b></i> <i>ESR at Helmholtz-Zentrum für Umweltforschung UFZ</i>
14:50 – 15:05	The <b>PROTECTED</b> project	Lisa Connolly <i>Queen's University Belfast - Coordinator</i>
15:05 – 15:15	Fifty shades of cyanobacterial green	Vittoria Mallia <i>Project <b>PROTECTED</b></i> <i>ESR at Norwegian Veterinary Institute</i>
15:15 – 15:25	Are chemicals in water potential endocrine disruptors?	Elizabeth Goya Jorge <i>Project <b>PROTECTED</b></i> <i>ESR at ProtoQSAR</i>
15:25 – 15:40	The <b>RELIEF</b> project	Rosalie van Zelm <i>Radboud University - Coordinator</i>
15:40 – 15:50	Reliability in chemical footprint modelling of consumer products	Mélanie Douziech <i>Project <b>RELIEF</b></i> <i>ESR at Radboud University</i>
15:50 – 16:05	The <b>NaToxAq</b> project	Hans Chr. Bruun Hansen <i>Kobenhavns Universitet - Coordinator</i>
16:05 – 16:15	Natural Toxin Mobility from Source to Tap	Carina Schönsee <i>Project <b>NaToxAq</b></i> <i>ESR at AgroScope</i>
16:15 – 16:25	Production Dynamics and Degradation of Emerging Cyanopeptides	Regiane Sanches Natumi <i>Project <b>NaToxAq</b></i> <i>ESR at EAWAG</i>
16:25 – 16:40	Break	
16:40 – 16:55	Next Generation of SiC Membranes	Haris Kadrispahic <i>LiqTech (DK)</i> <i>Industrial partner of the <b>AQUALity</b> project</i>
16:55 – 17:10	ProtoQSAR: Contributions, Impact and Challenges in the PROTECTED Project Context	Stephen J. Barigye <i>ProtoQSAR (ES)</i> <i>Industrial partner of the <b>PROTECTED</b> project</i>
17:10 – 17:40	Discussion	All
17:40 – 17:55	<b>Feedback and considerations</b>	Expert – Guy Duke
17:55 – 18:00	<b>Closing word &amp; end of meeting</b>	

## PROJECTS PARTICIPATING TO THE CLUSTER EVENT “CLEAN WATER”

Project acronym	Call year	Project title
<b>TreatRec</b>	EID-2014	Interdisciplinary concepts for municipal wastewater treatment and resource recovery. Tackling future challenges
<b>HypoTRAIN</b>	ETN-2014	Hyporheic Zone Processes - A training network for enhancing the understanding of complex physical, chemical and biological process interactions
<b>RELIEF</b>	EID-2014	RELIability of product Environmental Footprints
<b>ANSWER</b>	ETN-2015	ANTibioticS and mobile resistance elements in WastEwater Reuse applications: risks and innovative solutions
<b>SuPER-W</b>	EJD-2015	Sustainable Product, Energy and Resource Recovery from Wastewater
<b>ENIGMA</b>	ETN-2016	European training Network for In situ imaGing of dynaMic processes in heterogeneous subsurfAce environments
<b>PROTECTED</b>	ETN-2016	PROTECTION against Endocrine Disruptors. Detection, mixtures, health effects, risk assessment and communication.
<b>NaToxAq</b>	ETN-2016	Natural Toxins and Drinking Water Quality - From Source to Tap
<b>AQUALity</b>	ETN-2017	Interdisciplinary cross-sectoral approach to effectively address the removal of contaminants of emerging concern from water
<b>P-TRAP</b>	ETN-2018	<b>POSTER</b> Diffuse phosphorus input to surface waters - new concepts in removal, recycling and management
<b>AQUASENSE</b>	ETN-2018	<b>POSTER</b> Innovative Network for Training in wAter and Food QUality monitoring using Autonomous SENSors and IntelligEnt Data Gathering and Analysis
<b>NOWELTIES</b>	EJD-2018	<b>POSTER</b> Joint PhD Laboratory for New Materials and Inventive Water Treatment Technologies. Harnessing resources effectively through innovation