

WATER-MINING CONFERENCE

“Water Mining: lessons learned in creating value for society”

Venue: Green Village Delft, Van den Broekweg 4, 2628 CR Delft

Open meeting (free of charge)

Sunday 29 September

16.00 – 19.00 Registration

17.00 – 18.00 Welcome and Stand up podium

18.00 – 19.00 Reception

Monday 30 September

“Water Mining: lessons learned in creating value for society”

Venue: Green Village Delft

9:00 – 9:10 Welcome and introduction

Mark van Loosdrecht, Delft University of Technology

9:10 – 9:20 Key outcomes of Water Mining

Dimitris Xevgenos, executive project manager, Delft University of Technology

9:20 – 9:45 **Key note: Resource Recovery for smart water management**

Mark van Loosdrecht, Delft University of Technology

9:45 – 10:15 *Coffee Break*

WATER-MINING Success Stories – 5 minute Pitch

10:15 – 10:20 Water-Mining solutions for less developed regions (UN collaboration)

Mar Palmeros, Delft University of Technology

SEA-MINING

10:25 – 10:40 Desalination and recovery: clean and feasible

Dimitris Xevgenos, Delft University of Technology

10:40 – 10:55 Industry perspectives on implementing sea mining practices in Lampedusa and Almeria, Spain

Kalliroi Panteleaki, Sealeau

10:55 – 11:25 Panel discussion

Panel members: Frithjof Kuepper, University of Aberdeen; Berta Roset, University Autònoma de Barcelona; University of Palermo (TBC), Guillermo Zaragoza, Ciemat; Diego Acevedo, University of Aruba; Kalliroi Panteleaki, Sealeau
Moderator: Dimitris Xevgenos, Delft University of Technology

INDUSTRIAL-MINING

- 11:25 – 11:40 Innovation for complex industrial (waste)water circular practices
Ellen Tuinman, Westlake
- 11:40 – 11:55 Industrial-Mining in Rotterdam chemical harbour complex
Michiel de Beer, Nobian and Kalliroi Panteleaki, Sealeau
- 11:55 – 12:25 Panel discussion
Panel members: George Tsalidis, Imperial College; Michiel de Beer, Nobian; Ellen Tuinman, Westlake; Alberto Turnes, University of Santiago de Compostela (TBC); Michael Christopharo, KVT (TBC)
Moderator: Patricia Osseweijer, Delft University of Technology

12:25 – 13:25 LUNCH BREAK

URBAN-MINING

- 13:25 – 13:40 Water, resource, nutrient and energy recovery: what are the winning concepts?
Mark van Loosdrecht, Delft University of Technology
- 13:40 – 13:55 Recovering beyond expectation for social benefits
Rene Noppeney, RoyalHaskoningDHV, The Netherlands
- 13:55 – 14:25 Panel discussion
Panel members: Maria Ferreira, KWR; George Tsalidis, Imperial College; Angelos Hadjicharalambous, President of the District Local Government Organization of Larnaca; Rene Noppeney, Royal HaskoningDHV; Jordi Llimós, Eurecat; Teresa de la Torre, Sorigüe; National Technical University of Athens (TBC)
Moderator: Mark van Loosdrecht

WATER-MINING Success Stories – 5 minute Pitches

- 14:25 – 14:40 Innovation management for Market exploitation
Dimitris Xevgenos
Spin-off business development by young Water Mining researchers
Ali Elahinik
Patents in urban mining
Nouran Bahgat
- 14:40 – 15:00 **Key note: Best practices in Stakeholder Engagement**
Gonzalo Gamboa, Universitat Autònoma de Barcelona
- 15:00 – 15:20 Panel discussion on best practices and new insights on integration
Panel members: Stefania Muneretto, KWR; Koen Vervoort, ENOLL; Lotte Asveld, Delft University of Technology; Carlos Picon, JIN
Moderator: Gonzalo Gamboa

15:20 – 16:00 Break & visit to the Green Village
Walk to Building 58 for parallel session I

Policy implications

(parallel session I, Building Applied Sciences, Kronig zaal)

- 16:00 – 16:15 Policy packages: changes for better implementation!
Ehud Segal and Jeff Dodick, JIIS (video)
- 16:15 – 16:30 Addressing policy actions in Cirseau
Dimitris Xevgenos, Delft University of Technology
- 16:30 – 16:45 White paper on integrating social sciences with technology innovation for Water Smart Economy & Society
Patricia Osseweijer, Delft University of Technology
- 16:45 – 17:30 Panel introductions; discussion and conclusions
Louis Lemkow, Universitat Autònoma de Barcelona
Loic Charpentier, Water Europe
Leon Korving, Wetsus
Moderator: Patricia Osseweijer, Delft University of Technology

WATER-MINING: Industrial Mining best practices for scaling up, Roll-out event by ENOLL

(parallel session II, Green Village Delft, main hall)

- 16:00 – 17:30 Key insights from the WATER-MINING project's goals, achievements, and results best practices and solutions in industrial water mining by Living Labs: Floating Farms, Plataforma Solar de Almería LL, and TU Delft
- Discussions with companies and other key stakeholders & thought-provoking invitation to consider practical application of the different solutions of WATER-MINING and their potential to enhance companies' efficiency in water management

CLOSING Reception Open Conference Day at

Green Village Delft