

AGENDA: 4TH GENERAL ASSEMBLY & INTERNATIONAL WORKSHOP ON WATER REUSE

23-24-25 November 2016, Puy-de-Fou, La Vendée Region (France)

DEMOWARE final event will take place in La Vendée Region, Project Greenfield demo-site, and will include: 4th General Assembly, 7th Project Management Board and the International Workshop on Water Reuse. A poster exposition will also take place during the event, reflecting the advances in the 10 demonstration sites of the project.

4th General Assembly

Room Aurige

Villa Gallo-Romaine Hotel (1st floor)

Day 1: Wednesday 23th November 2016

10:00 - 12:00 WRE board meeting (only for members)

14:30 – 14:40 – Welcome presentation by Eric RAMBAUD, president of Vendée Eau

14:40 – 15:00 Management and administrative issues in view of DEMOWARE completion

15:00 – 17:15 Session 1.

- Torre Marimon (Spain) (Presenter: IRTA) (45 min)

Introduction to the site (IRTA)

AnMBR task (ASIO)

Reuse water for drinking purposes in farms task (IRTA)

Reduction of clogging in agricultural networks (IRTA)

Conclusions and further steps (IRTA)

Discussion

- Braunschweig (Germany) (45 min) (Presenter: KWB)

Introduction to the site (+ challenges) (KWB)

Decoupling nutrients and water management (+ LCA-water & nutrient recovery) (KWB)

QMRA and disinfection trials (+ LCA-disinfection) (KWB)

Conclusions (endpoint assessment QMRA vs. LCA) and further steps (KWB)

Discussion

- Capitanata (Italy) (45 min) (Presenter: IRSA)

Introduction to the site (IRSA)

Adapting water quality to agricultural reuse type (IRSA)

Fate of microbial pollution (IRSA)

Conclusions and further steps (IRSA)

Discussion

17.15-19.00 Project Management Board (only for WP's leaders)

19:00 – Official Dinner of the General Assembly

Day 2: Thursday 24th November 2016

8.30 – 10.45 Session 2

- Shafdan (Israel) (45 min) (Coordinator: Mekorot)

Introduction to the site (Mekorot)

Innovation in SAT (Mekorot)

AMIAD and FR-RO technology (ROTEC)

Effect based assays (Biomonitech)

Conclusions and further steps (Mekorot)

Discussion

- Tarragona (Spain) (45 min) (Coordinator: DOW)

Introduction to the site (DOW)

Full-scale water reuse in petrochemical industry (DOW)

New RO and UF membranes for water reuse (DOW)

Conclusions and further steps (DOW)

Discussion

- Old Ford Water Recycling Plant (UK) (45 min) (Coordinator: TWUL)

Introduction to the site (TWUL)

Applicability of flow cytometry and qPCR methods to assess and control microbial contamination (10 min TWUL)

Microbiological and Chemical risk assessment (KWB)

Life cycle analysis (KWB)

Conclusions and further steps (TWUL)

Discussion

- *Coffee break (30 min)*

11:15 - 13.30 Session 3

- Sabadell (Spain) (45 min) (Coordinator: CASSA)

Introduction to the site (CASSA/CTM)

Adjustable maintenance strategies in distribution networks for urban applications (HQUIMIA)

New approaches for membrane integrity testing (CTM)

Risk assessment and environmental benefit analysis (CTM)

Conclusions and further steps (CASSA/CTM)

Discussion

- Torreele (Belgium) (45 min) (Presenter IWVA)

Introduction to the site (IWVA)

Managing concentrates in membrane processes (IWVA/ASIO)

Target compound fate (FHNW)

Effect-based assays for chemical contaminants detection (Biomonitech)

Conclusions and further steps (IWVA)
Discussion

- El Port de la Selva (Spain) (45 min) (Coordinator KWB)

Introduction to the site + Ambition (KWB)

Upgrade WWTP and results/compliance with Spanish Reuse Regulation + Results from Monitoring (KWB)

Modelling of GW (A21)

LCA (KWB)

Risk Assessment (KWB)

13.00 – 14.30 Lunch

14.30 - 17.00 Session 3. Complementary issues, Greenfield site results and conclusions

- Vendée (France) (60 min) (Presenter Vendée)

Introduction to the site (Vendée Eau)

Study of environmental behaviour of WWTP discharging in a river upstream a reservoir (VERI)

Current situation at Les Sables d'Olonnes and reuse scheme proposal (Vendée Eau)

Risk assessment and environmental benefit analysis (KWB)

Public acceptance of the reuse scheme (Acteon)

Conclusions and further steps (Vendée Eau)

Discussion

- Complimentary issues (Coordinator: CTM) (70 minutes)

Trust in reuse (15 minutes KWR)

Water Reuse Europe (15 minutes UCRAN)

Market access and business development (15 minutes CAD)

Pricing strategies (15 minutes Acteon)

Discussion

Conclusions and GA wrap-up (15 minutes)

International Workshop on Water Reuse

19.00 Gala Dinner for Reuse Colloque

Public Authorities speech: M. le Préfet, M. le Président du Conseil Régional, M. le Président du Conseil Départemental. (can be moved to Day 3 at 9h00)

Day 3: Friday 25th November 2016

Room François 1er"

Camp du Drap d'Or Hotel (1st floor)

8.30-9.00 Reception

9.00 -9.15 Welcome

-Eric Rambaud, Président de Vendée Eau

-Alain Franchi, Directeur général de l'activité Eau de Veolia

9.15 - 9.30 Opening - Bruno Chesne (Journalist)

9.30 -10.00 French and European regulations. Bottle-necks and future?

Thomas Petitguyot (EU DG Environment). Water resources in Europe and water reuse strategies.

Miquel Rovira (On behalf of DEMOWARE consortium). DEMOWARE contributions and conclusions.

10.00 – 11.45 Round tables and open discussion. Reclaimed water uses: Urban, Agriculture and Industry

Irrigation and recreational use:

-Francesca Pizza (City of Milano-Nosedo WWTP, Italy)
-Marilya Chatzistamatiou (Disneyland, France)
-Marie Raffin (Thames Water Utilities, Great Britain)
-Jean-Luc Capes (Water Group – FNSEA)

Industrial use:

-Thierry Chancereul (LDC Group)
-Pierre Pédenaud (Total Group)

Drinking water use:

-Piet du Pisani (City of Windhoek, Namibia)
-Jérôme BORTOLI (Vendée Eau, France)
-Person to be confirmed

- Presentation videos

-Open discussion: Water reuse and social acceptability

12.45 Conclusions and morning session closing. Laurent Auguste (VP Veolia Environment)

13:00 Lunch & Cocktail

14.30 Meeting with the stakeholder of water reuse project in La Vendée & DEMOWARE WP Leaders

17:00 End of the event