



Tackling Micropollutants in Wastewater - Approaches on Implementation and Innovation in Europe and the Netherlands

When: [Wednesday November 3rd and Thursday November 4th](#)

LINK: [STOWA PAGE MICRO's: IPMV – DOWNLOAD STATE OF PLAY IPMV Nov 2021 \(PDF\)](#)

LINK: [PORTFOLIO VIDEO's DAY-1](#)

INDEX VIDEO PRESENTATIONS

Wednesday November 3rd

VIDEO

Title

[P110](#)

Welcome - Cora Uijterlinde | STOWA

Session 1- Tackling removal of micropollutants: Policy meets practice in implementation

Chair - Maarten Nederlof | Program Manager Implementation Demo's Dutch Water Authorities

[P111](#)

The Dutch Approach - Marc de Rooy | Ministry of Infrastructure and Water Management Progress

[P112](#)

Full-scale Implementation Removal of Micropollutants @ NL - Maarten Nederlof

[P113](#)

The German Approach - Marie Launay | Kompetenzzentrum Spurenstoffe Baden-Württemberg

[P114](#)

Demo O3 @ wwtp Houten - Marlies Verhoeven | Hoogheemraadschap De Stichtse Rijnlanden

[P115](#)

The Swiss Approach - Aline Brander | VSA-Plattform Verfahrenstechnik Mikroverunreinigungen

Wrap Up - Maarten Nederlof | Program Manager Demo's Dutch Water Authorities

Session 2- Tackling removal of micropollutants: Policy meets practice in innovation

Chair - Roger Vingerhoeds | Water Authority Brabantse Delta

[P121](#)

Dutch Innovation Programme Removal of Micropollutants - Cora Uijterlinde | STOWA

[P122a](#)

PAC-O3: Demo PACAS and pilot PACAS - O3 @ wwtp Leiden -

[P122b](#)

Paul Versteeg | Hoogheemraadschap Rijnland and Arnoud de Wilt | Royal Haskoning DHV

[P123](#)

PACAS Nereda Pilot @ wwtp Simpelveld - Herman Evenblij | Royal Haskoning DHV

[P124](#)

PAC and Cloth Filtration Pilot @ wwtp Vinkel - Arnoud de Wilt | Royal Haskoning DHV

[P125](#)

Innovations in removal of micropollutants (CEC-programme) @ Universities NL

[P126](#)

Wrap Up - Roger Vingerhoeds | Water Authority Brabantse Delta

Session 3 - Innovation on lowering the CO2-footprint of Powdered Activated Carbon (PAC)

Chair - Ruud Schemen | Water Authority de Dommel

[P131](#)

Using non-fossil commercially available PAC - Joost van der Bulk | Tauw

[P132](#)

Effect of PAC dosage on sludge end treatment - Berend Reitsma | Tauw

[P133](#)

Pilot Dextorb Filter @wwtp Horstermeer - Arjen van Nieuwenhuijzen | Witteveen+Bos

[P134](#)

Pilot Zeolites Filter (AdOx) @ wwtp Leiden - Jan Peter van der Hoek | Technical University Delft

[P135](#)

Innovations in removal of micropollutants (CEC-programme) @ Universities NL

Wrap Up - Ruud Schemen | Water Authority de Dommel

Wrap Up and Closure Day 1 - Cora Uijterlinde | STOWA



INDEX VIDEO PRESENTATIONS Program Thursday November 4th

LINK

[PORTFOLIO VIDEO's DAY -2](#)

[P240](#) **Welcome - Mirabella Mulder | STOWA / Mirabella Mulder Waste Water Management**

Session 4 - Innovation on lowering the CO₂-footprint of Granular Activated Carbon (GAC)

[P241](#) **Chair - Manon Bechger | Waternet**

[P242](#) **Pilot Biological Oxygen Dosed Activated Carbon @ wwtp Emmen - Peter van der Maas | WLN**

[P243](#) **Feasibility Bio-O₂-GAC - Hans Wouters | Brightwork**

[P244](#) **Pilot Upflow GAC @ wwtp Hapert - Alexandra Deeke | Water Authority de Dommel**

[P245](#) **Pilot O₃-STEP @ wwtp Horstermeer - Veerle Luimstra | Witteveen + Bos**

[P246](#) **Wrap Up - Manon Bechger | Waternet**

[P250](#) **Session 5- Innovation in lowering CO₂-footprint and bromate formation of Oxidation Technologies**

[P251](#) **Chair - Robert Kras | Water Authority Aa en Maas**

[P252](#) **Pilot Ozonation and Ultrasound @ wwtp Winterswijk - Patricia Clevering | SWECO**

[P253](#) **Feasibility Microforce (Combined Biofilm-Ozone Reactor) - Nelis de Rouck | PureBlue**

[P254](#) **Feasibility B-O₃ (biological pretreatment and ozonation) - Arnoud de Wilt | Royal Haskoning DHV**

[P256a](#) **Wrap Up – Robert Kras | Water Authority Aa en Maas**

[P256b](#) **AM TEAM**

NX Filtration

[P260](#) **Session 6- Innovation in upcycling wastewater and effluent of wwtp's**

Chair - Ferdinand Kiestra | Water Authority Aa en Maas

[P261](#) **Pilot nanofiltration and UV @ wwtp Asten - Rob van der Sande | Water Authority Aa en Maas**

[P262](#) **Pilot coagulation, ceramic filtration and ozonation @ wwtp Wervershoof - Martin Spruijt | PWN**

[P263](#) **Waterfactory - @ wwtp Wilp - Frans Visser | Water Authority Vallei en Veluwe**

[P264](#) **The Ultimate Water Factory - Jelle Roorda | Roorda Advies**

[P265](#) **Wrap Up - Ferdinand Kiestra | Water Authority Aa en Maas**

Wrap Up and Closure Aquatech Event - Mirabella Mulder and Cora Uijterlinde | STOWA