

INTERNATIONAL SEMINAR

ArcticSewlutions

Wastewater treatment in the Arctic and sub-Arctic regions

26 August 2026

10:00–16:00

EFLA, Lynghálsi 4
110 Reykjavík, Iceland

ArcticSewlutions is an international research and innovation project dedicated to improving wastewater treatment in Arctic and sub-Arctic communities.

The project brings together researchers, wastewater utilities, authorities and engineering experts from Finland, Sweden, Denmark/Greenland and Iceland to evaluate treatment performance, investigate micropollutants and antimicrobial resistance, and identify sustainable wastewater solutions adapted to cold climates and sparsely populated regions.

This seminar provides a platform for knowledge exchange on current challenges, treatment technologies, environmental impacts and research findings from across the Arctic region.

More information can be found on the project website (scan the QR code).



PROGRAMME

10:00–10:10 Welcoming words, presenting the ArcticSewlutions project
Pekka Rossi, University of Oulu · Ragnhildur Gunnarsdóttir, EFLA

10:10–10:30 Situation in the Arctic and Greenland
Pernille Erland Jensen, DTU, Denmark

10:30–10:50 Situation in Iceland
Hlökkver Stefán Þorgeirsson, Environmental Agency

10:50–11:00 Coffee

11:00–11:20 Situation in Finland and most common methods/challenges
Pekka Rossi, University of Oulu

11:20–11:40 Situation in Sweden and wetlands
Inga Herrmann, LTU, Sweden

11:40–12:30 Lunch

12:30–12:50 Iceland: Wastewater challenges
Þorsteinn Narfason, Health Inspection of W-Iceland

12:50–13:10 Utility manager viewpoint
Torben Bauer, Lumire, Sweden

13:10–13:30 First micropollutant results from the project
Elisangela Heiderscheidt, University of Oulu · Ragnhildur Gunnarsdóttir, EFLA

13:30–13:50 First antimicrobial resistance results
Lisbeth Truelstrup Hansen, DTU, Denmark

13:50–14:15 Icelandic micropollutants in studies (PFAS and OPRF-BP)
María J. Gunnarsdóttir · Hrund Ólöf Andradóttir, University of Iceland

14:15–14:30 Coffee

14:30–15:45 Interactive session
Lea Tolstrup, DTU · Samuel Vaneeckhout, University of Oulu

15:45–16:00 Final words
Pekka Rossi, University of Oulu