



SA No 3: 'Preparing industry practitioners and other important stakeholders to BAT implementation via study tours to the advanced sector industries located in the Nordic countries'

SA No 3a: 'Preparing Municipal Wastewater Treatment industry practitioners and other important stakeholders to BAT implementation via study tours to the advanced sector industries located in the Nordic countries'

Place

Helsinki and Jyväskylä, Finland

Time:

End of April – May 2020

PROGRAMME

Target Audience: industry practitioners from Municipal and P&P Wastewater Treatment Plants located in the Barents region, representatives of the environmental authorities (Rosprirodnadzor and regional ministries), MWWT experts, P&P WWT experts

Presenters (tbc):

- **Jyrki Laitinen**, Finnish SHE Task Force Expert (Waste Water), Finnish Environment Institute
- **Timo Jouttijärvi**, Finnish SHE Task Force Expert (P&P), Finnish Environment Institute
- **Kristina Svinhufvud**, Swedish SHE Task Force Expert (Waste Water), Swedish Environmental Protection Agency
- **Petri Tuominen**, Nenäinniemi wastewater treatment plant, JS Puhdistamo Oy (large)
- **Antero Muurikainen**, Äijälä wastewater treatment plant, Laukaa (small)
- **N.N.**, Äänekoski P&P wastewater treatment plant, Metsä Fibre Ltd
- **Kai Voutilainen**, Advisor in wastewater treatment, Regional Environment Centre of Central Finland

Day 1: all participants	
12.00	<i>Ministry of Environment, Helsinki, Registration and coffee</i>
12.30 – 15.30	Seminar about wastewater treatment in Finland and Sweden <ul style="list-style-type: none"> – Municipal wastewater treatment in Finland, management and practices – Pulp & paper industry wastewater treatment in Finland, BAT and practices – Wastewater treatment (municipal and industrial) in Sweden, management and practices – Future prospects in wastewater treatment – Discussion
16.00 – 19.00	<i>Transfer to Jyväskylä by bus/train</i>

Day 2: all participants	
9.00 – 12.00	Site visit to urban wastewater treatment plant (Nenäinniemi wwtp, Jyväskylä) <ul style="list-style-type: none"> • presentation of the process <ul style="list-style-type: none"> ○ environmental permit ○ process parameters ○ plant performance • visit to the processes in the plant
12.0 – 13.00	Lunch

13.00 – 16.00	Site visit to small municipal wastewater treatment plant (Äijälä, Laukaa) <ul style="list-style-type: none"> • presentation of the process <ul style="list-style-type: none"> ○ environmental permit ○ process parameters ○ plant performance • visit to the processes in the plant
16.00 – 17.00	Discussion

Day 3: all participants	
9.00 – 12.00	Site visit to P&P plant (Äänekoski) <ul style="list-style-type: none"> ○ presentation of the plant and process ○ environmental permit ○ process parameters ○ process performance
12.00 – 13.00	Lunch
13.00 – 15.00	Discussion of all subjects during the visit End of event
15.00 – 18.00	<i>Transfer to Helsinki by bus/train</i>