

 Case study factsheet

Bodø, Norway

Last update on 2023-04-04



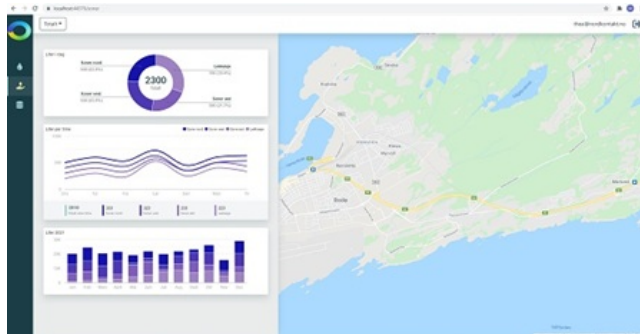
Description

Bodø has ambition of becoming a low-emission society and to adapt to climate change. Re-location of the airport enables new sustainable city development with research-based solutions. Key challenges for LL Bodø that impact water includes growing resident population and economy, increased pollution, and untapped efficiency potential.

There are three challenges characteristic for many small to medium size cities in northern regions: i) improve resource recovery from wastewater in an efficient way given the small scale, especially concerning biogas production from sludge; ii) improve wastewater quality by improved infiltration detection technologies coupled with leak detection technologies in an integrated system, to reduce energy consumption and improve the quality of the wastewater stream; iii) reduction of the use of de-icing and anti-slip agents in the city centre to significantly improve air quality and reduce soil & water pollution.

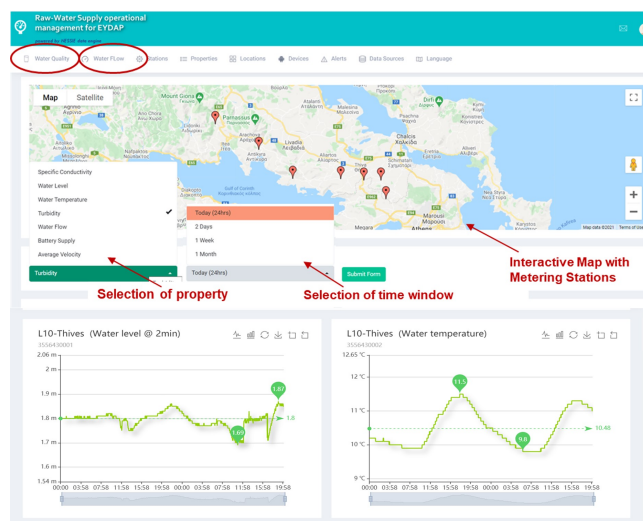
Applied products

Miljødashboard - Environmental Dashboard



<https://mp.watereurope.eu/d/Product/65>

Nessie platform



<https://mp.watereurope.eu/d/Product/27>

Scales

Operational scales of this case study related to the application of tools and technologies

- Local scale
- City scale

Challenges

Challenges that are addressed through the application of tools and/or technologies to the case study

- High drinking water demand due to dense or growing resident population and economy
- Untapped efficiency potential of water resources

Related tags

Resource recovery

Infiltration detection

Leak detection

Contact data

Contact person

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Involved organisations

1.



Bodø Kommune (BODO)

2.



The Norwegian University of Science and Technology, Trondheim (NTNU)