

DK-1/Pilot of Sunds

Objectives:

- Groundwater modelling
- Climate scenario simulations
- Development of action plan, stakeholder involvement

How can we prevent groundwater flooding?

The town of Sunds is located on a meltwater outwash plain formed under the last Ice age.. The groundwater table in the town and the surrounding areas is very close to the surface and reacts very fast to increasing rainfall. Due to renovation of sewage pipes and increasing precipitation, the area prone to flooding caused by rising groundwater levels.

We need a change in national legislation to make it legal to the water company to stand for the whole water circuit today. A solution could be a 3. string for groundwater.

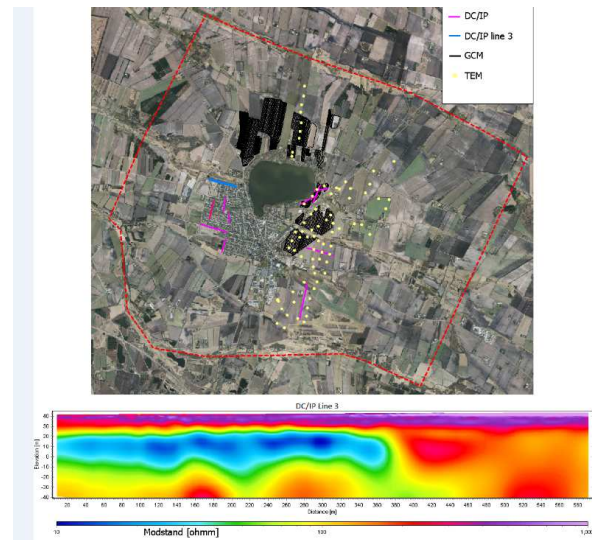
Results indicator:

Number of private basements in Sunds flooded after separation without doing anything.

20 % reduction in the number of flooded private basements in Sunds.

TOPSOIL Challenges addressed:

Groundwater flooding
National legislation
Investigation tools



Geological investigations in the pilot area



Partners from the LIFE IP-project C2C CC visits the pilot area

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