



**Interreg**



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**MUSTBE**

# The Municipality of Söderhamn's strategic work in Interreg and stormwater management

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# Project involvement

MUSTBE is the fourth interreg founded project Söderhamn has partnered in with focus on stormwater management



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# To use external financing as a tool for development



Municipality of Söderhamn

# Why the focus on storm water?

Söderhamn has experienced several floodings, the most significant in the summer of 2013.

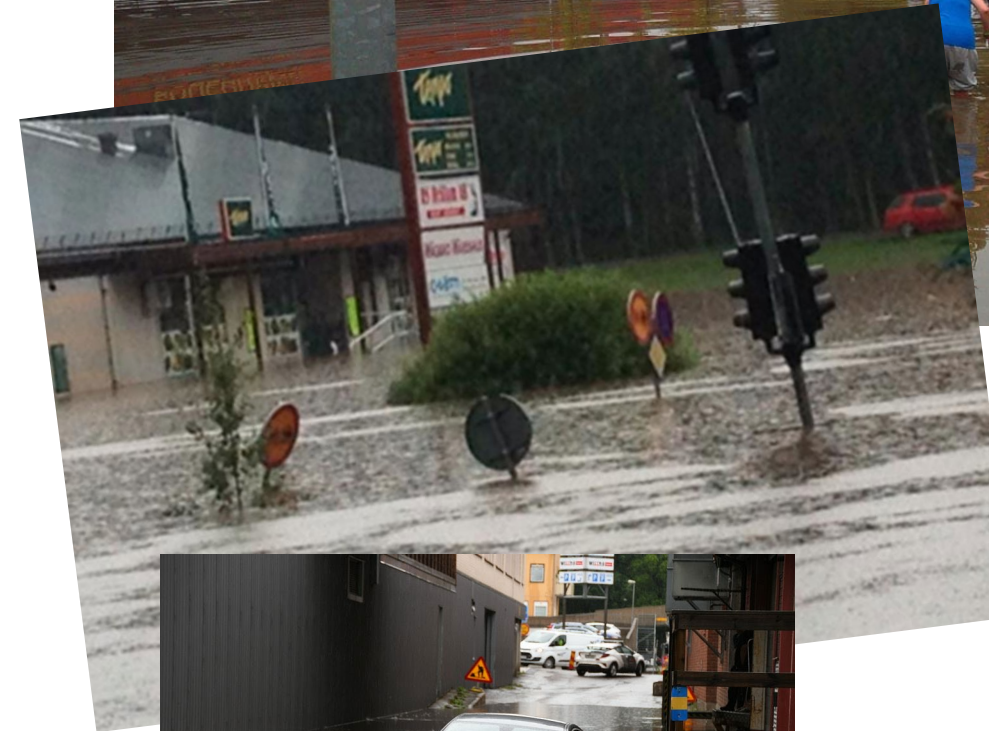
The challenges for Söderhamn:

Rising sea level

Changed precipitation

Changed water flows

Changed annual average temperature





# iWater – Central Baltic

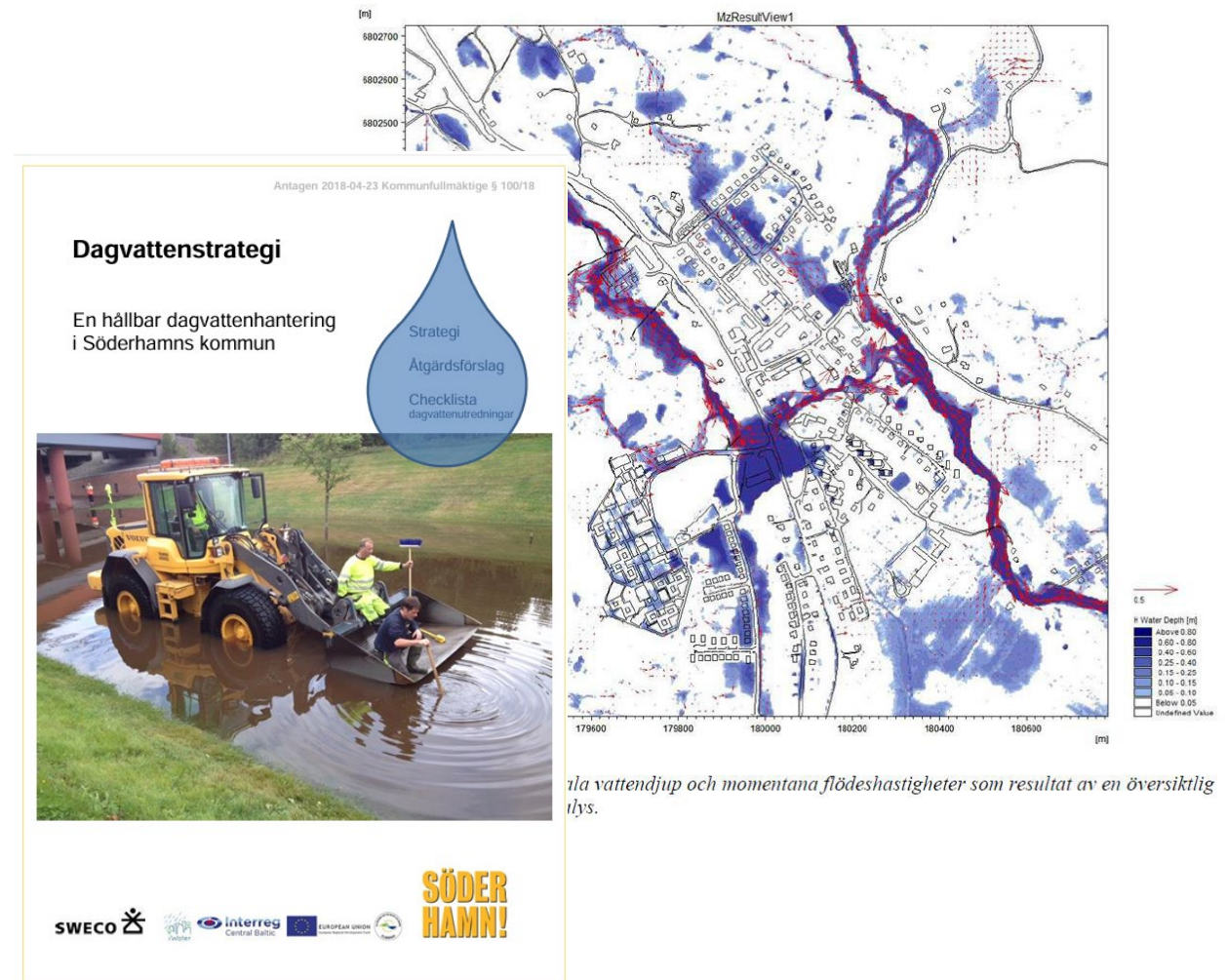
Start: December 1st 2015

End: August 31st 2018

Project budget: EUR 2.351.260

Söderhamn budget: EUR 309.950

# The Municipality developed a storm water management strategy



# Heawater – Central Baltic

Start: March 1st 2018

End: Februari 28th 2021

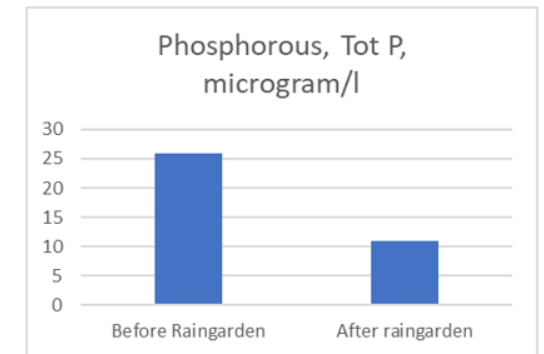
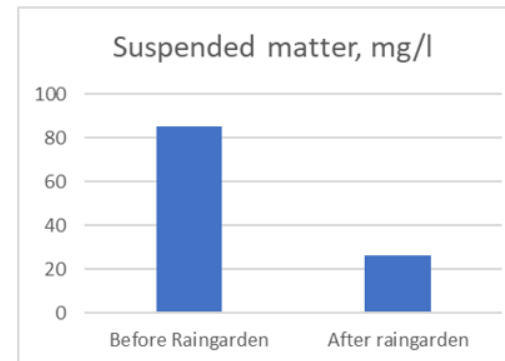
Project budget: EUR 1 898 349

Söderhamn budget: EUR 509.457

The Municipality developed two pilots; a vegetation pond and a ra garden. Storm water was monitored before and after the installing of the pilots.



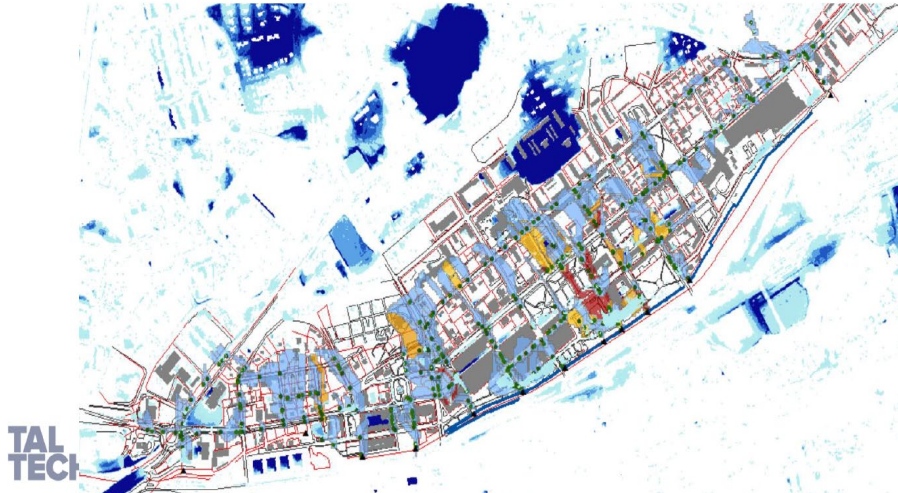
## Results



Monitoring shows that the level of suspended matter has gone from 85 to 25 mg/l. The concentration of phosphorus from 0,26 mg/l to 0,11 mg/l and for nitrogen in the form of ammonium <1.0 mg/l to 0,01 mg/l.

# NOAH – Baltic sea programme

- Coupling with low points map – total\_risk



Start: January 2019  
End: December 2021

Project budget: EUR 3.000.000  
Söderhamn budget: EUR 209.900

A Storm Water Management Model (SWMM) is created for the area and calibrated on the basis of water flow measurements. The result: The Extreme Weather Layer (EWL) as a planning tool to create more flood resilient urban space.



# Project value

We gain knowledge from others

We find funds for activities that are important and a priority for the Municipality

Financing is not only for investments – we are also involved in projects without demo sites/pilots

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SUSTAINABLE WATERS

**NURSECOAST-II**

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**CORE**

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**Enhanced ERA**

# How did we get here

We used our membership in a network to find projects and partners and it has since had a snow ball effect

We are visible in partner searches and seminars

We have built strong and good partnerships and networks with other municipalities, cities, universities

We are actively following up our municipal needs in comparison to programmes that offers funds (local, regional national and interregional)





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