

# FUTURE CITY FLOW

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AN INNOVATION PROJECT DEVELOPING SOLUTIONS FOR CITY PLANNERS AND WASTEWATER OPERATORS IN ORDER TO REDUCE FLOODING AND DISCHARGE OF UNTREATED WASTEWATER.



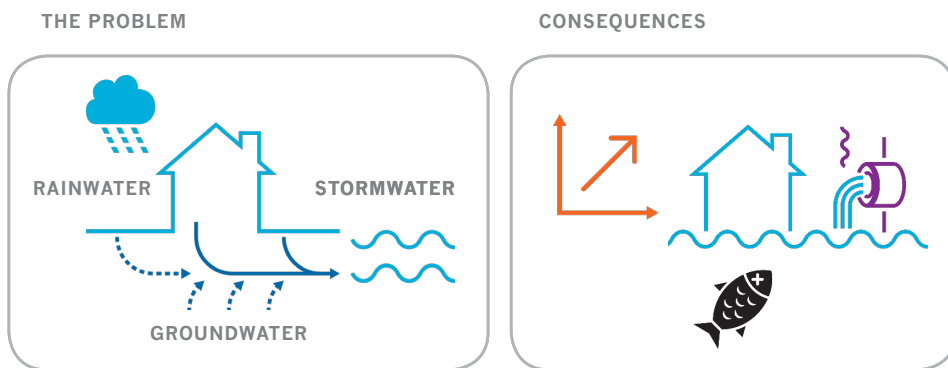
# Why Future City Flow?

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Because we all share the same challenge:

*"Managing our cities water flows when put under stress by weather, demographics or aging infrastructure."*

We want to ensure that all urban water is handled sustainably by utilising green infrastructure, our pipes and plants instead of creating floods or discharge of untreated wastewater.



## Today's demands

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- ⦿ Too much water entering the sewer network lead to flooding, excessive treatment costs at the WWTPs and discharge of untreated wastewater to the environment.
- ⦿ Aging infrastructure, large investment needs, and lack of aggregated information to provide overview of which investments are the most efficient from a holistic system approach.
- ⦿ Lack of coordination between actors within the longterm city planning process and the water companies due to non collation of data and difficulties to make system optimized solutions.

## How

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- SCADA and Predictive Modelling to control and optimize your daily operations in real time.
- Business Intelligence with user friendly interface, adaptable to various users, to strategically plan for optimal long-term prevention that will show different investment cost-effectiveness for various scenarios.



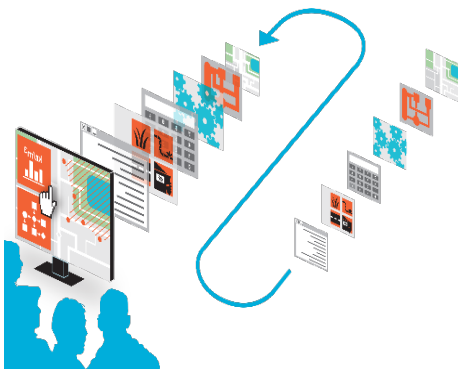
## Goals

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- Create a tool that can be implemented in big cities and small towns.
- Enable efficient long-term planning for water sustainable cities.
- Use existing infrastructure in a more cost-efficient manner.

## What's in it for you

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Future City Flow will help you reduce:

- Discharge of untreated wastewater
- Wastewater treatment costs
- Flooding

## Project funding

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 The project is partly funded by Vinnova (Sweden's innovation agency) together with all the partners. Project period is 2017 to 2019.

## Partners and contacts

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