



SCOREWATER

SCOREWATER, A WATER-SMART SOCIETY

We all depend on water. In the industrialized world, we take clean water for granted. When water management fails, the consequences to the public and to the economy can be large. SCOREwater will enhance the resilience of cities against climate change and mass urbanization by enabling a water-smart society. This society is playing part in solutions for climate change, addressing several of the Sustainable Development Goals.

THREE CASES

Besides the Amersfoort Case described below, we have the **Barcelona Case**, which focuses on **reducing wastewater management problems** with the vision of improving health. The **Göteborg Case** focuses on **managing water pollution in the industrial sector**.

do our streets need to be flooded?



Amersfoort Case · Flooding



In Amersfoort, one of the key challenges for the upcoming decades is to redesign the city in a climate-adaptive way. Due to climate change we will experience more extremes in terms of temperature, draught en precipitation. By implementing measures against water- and heat-related-issues and by measuring whether these measures work in the way they were intended, Amersfoort wants to build on what it is today: a comfortable city to live, work, visit and recreate.

Within SCOREwater the municipality of Amersfoort will use data and technology within water management. Sensors will be deployed to gather data on temperature and on water-related indicators. The data coming from these sensors will be used in digital models to assess whether the city is and remains to be climate-resilient. SCOREwater is one of the projects in the program 'Amersfoort Smart City', in which we use data and technology to do our work more effectively and efficiently.

THE PROJECT FOCUSES ON TWO GEOGRAPHICAL AREAS

The **Amersfoort Central Railway Area** is an area that is planned to change heavily in de upcoming years. One of the issues in this area is that predictions show risks of flooding and of heat-related issues. The **neighbourhood of Schothorst** is a pilot area for testing climate adaptive measures. Sensor data and digital models can help both in assessing the necessity for change and the expected impact of changes in public space both in the Central Railway Area and in Schothorst.

An important goal of the project is to share gathered data on indicators such as temperature, precipitation and ground water levels. As such all data gathered will be fed into the SCOREwater platform and will be available for interested parties and all lessons learned will be shared with the SCOREwater community.

