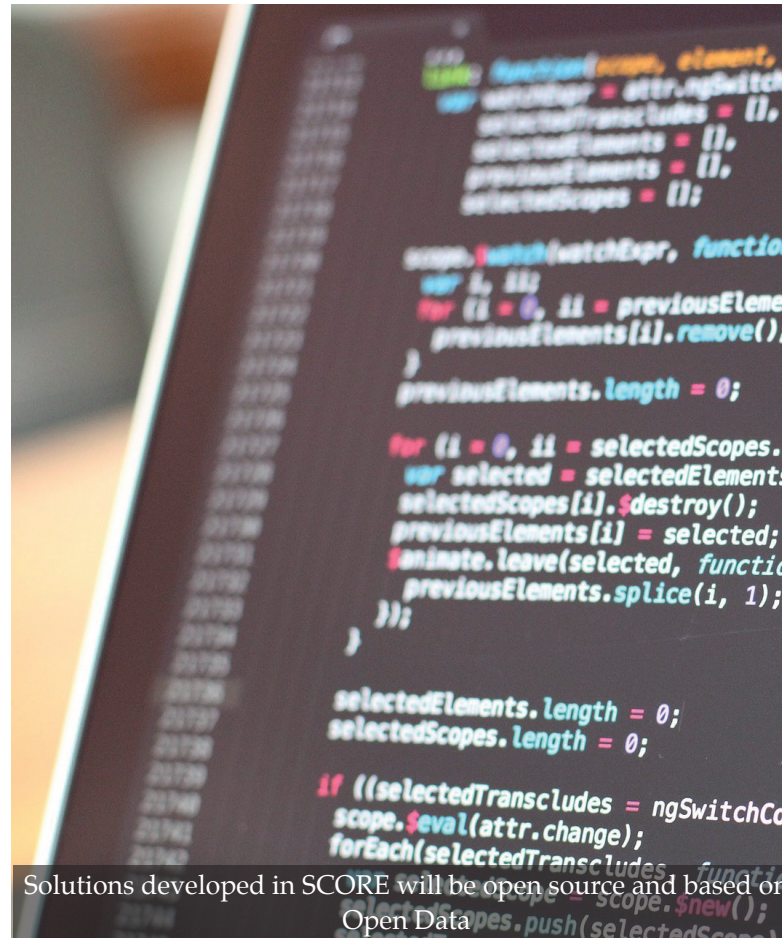
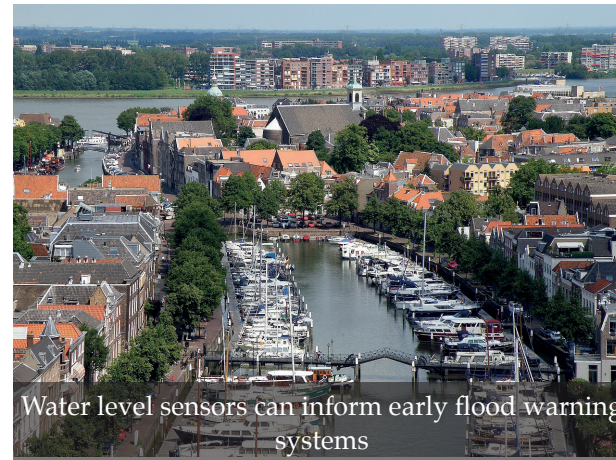


# SCORE Smart Cities and Open data REuse

Programme	NSR
Duration	4 years
Project partners	14
Budget	€5M
EC-contribution	€2,5M
Coordinator	City of Amsterdam



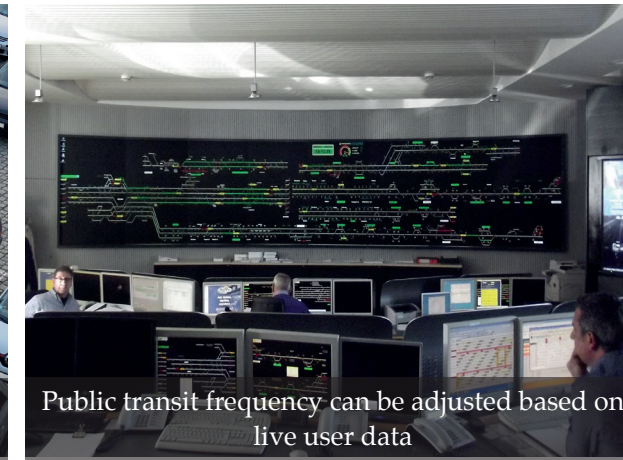
Solutions developed in SCORE will be open source and based on Open Data



Water level sensors can inform early flood warning systems



Real-time information about free parking spaces can reduce CO2 emission by decreasing traffic by up to 30%



Public transit frequency can be adjusted based on live user data



Waste collection can be improved by intelligent routing



Streetlight sensors can be used to measure traffic flows and improve traffic management

**Interreg** North Sea Region  
European Regional Development Fund

City of Amsterdam

Hamburg BERG KOMMUNE

City of Oslo ABERDEEN CITY COUNCIL

City of Bradford MDC  
[www.bradford.gov.uk](http://www.bradford.gov.uk)

ghent: so much city

open data institute

Johanneberg Science Park

Data Science Research Center Amsterdam

DORDRECHT

eit Digital

OPEN & AGILE SMART CITIES

Bax & Willems Consulting Venturing

## Background

Cities aim to improve the delivery of public services based on innovative software solutions and data sharing. Smart City Initiatives include opening up public data for productive use.

However, Open Data has not and will not automatically lead to better public service delivery.

To capture that potential, data need to be unlocked and made inter-operable between departments and organisations.

The shared challenge is how to generate innovative solutions that address common city needs.

## Aim

SCORE has the explicit objective of increasing the quality and reducing the cost of public service delivery of local authorities by using open source solutions, particularly relating to traffic and parking, sustainable mobility, and water and waste management.

The solutions will be innovative, open sourced, based on open data, and replicable.

## Approach

Nine cities from 7 countries in the NSR will be grouped according to their shared thematic interests. Each group will develop 2-3 open source solutions using open data. The cities will formulate public service challenges based on their in-depth understanding of the city's operations (business case), the available data (feasibility) and knowledge of their existing programmes and initiatives (funding). The solutions will be developed jointly with SMEs and technical experts (ODI, Amsterdam Data Science Center), and tested in their Urban Living Labs. All cities will collaborate throughout the development process to ensure relevance and compatibility. In fact, solutions will be replicated transnationally at least twice within the SCORE project period.

## Results

By implementing the innovative open source solutions, SCORE will

- Reduce by 10% service provision costs of public authorities in the sectors of urban sustainability using open data and open source solutions.
- Improve by 20% the quality of public service provision as valued/assessed by citizens.
- Reduce the duration and cost of uptake of innovation by authorities through replication of open source solutions, measured in payback time of investment. Estimated target: 6 months

## Impact

SCORE will solve public service delivery challenges common to partner cities through innovation. The partnership will create an ecosystem with cities, research institutions and SMEs for smart public service delivery innovation.

This community will expand the market for service-based SMEs that develop, customise, implement and maintain open source solutions for public service delivery by cities using open data.