



Gemeente
Amsterdam

SCORE



Smart Cities and Open data Reuse

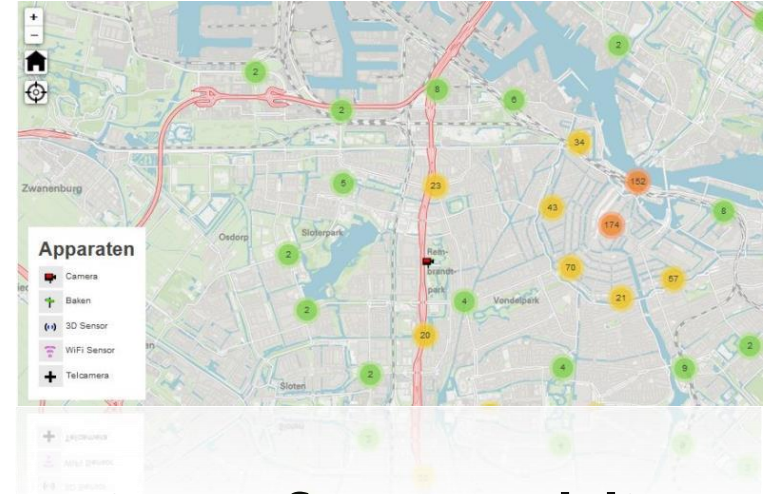
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lead Public Tech

2019





SCORE



Can we optimise the utilisation of our public data, information and knowledge through public, open source services?
Developed jointly by cities, sharing & building on experiences, applications and interfaces !



SCORE goals

- Develop urban public service challenges;
- Public data for public services;
- Open source approach;
- Agile & Scrum working methodology
- Joint development / adoption across city partners

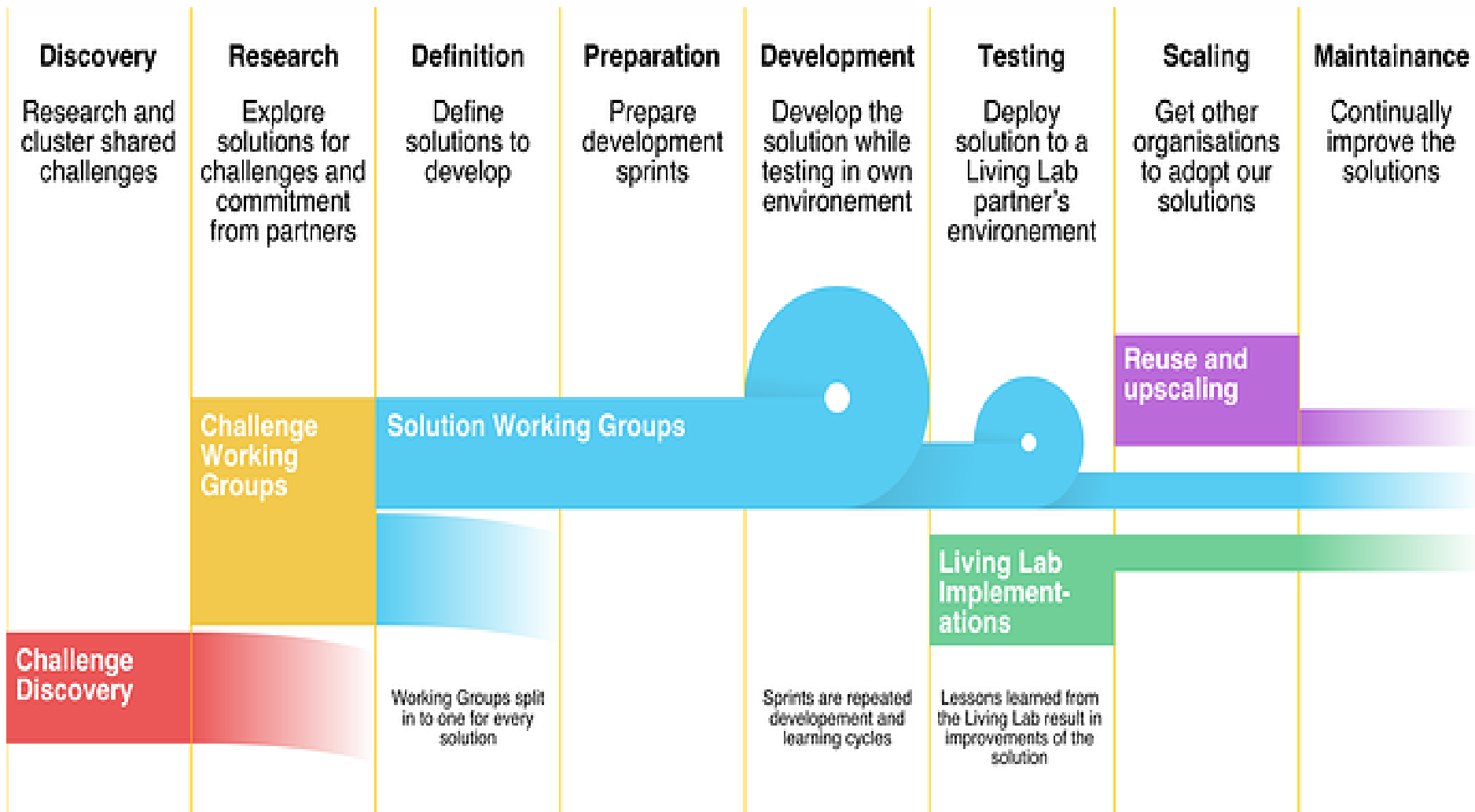


9 Innovative Cities





Working approach





Working groups

- I. IoT Registry
- I. Travel time
- I. Flooding and drainage management
- I. Impacts of events on mobility
- I. Drukke stad project (still under consideration)



Digital services provided by the City of Amsterdam must be transparent. Data must not discriminate or impede equal opportunities.



IOT Registry

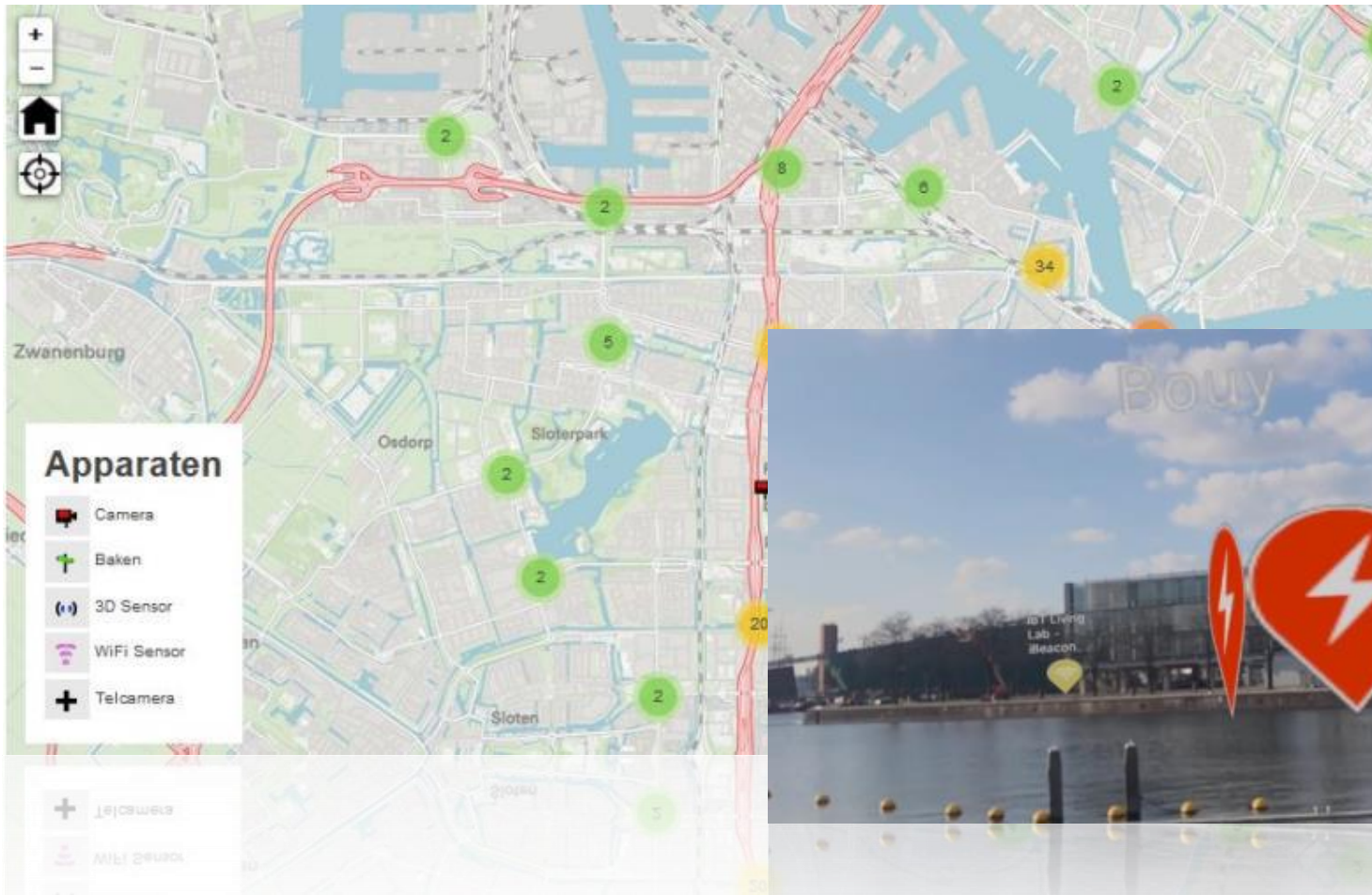
- I. What do we measure in town?
- I. Transparent overview devices;
- I. Search for multiple usages information gathering devices;
- I. Cost efficiency, reducing city impacts.



IOT Registry

First MVP available:

<https://amsterdam.github.io/iot/#/home>



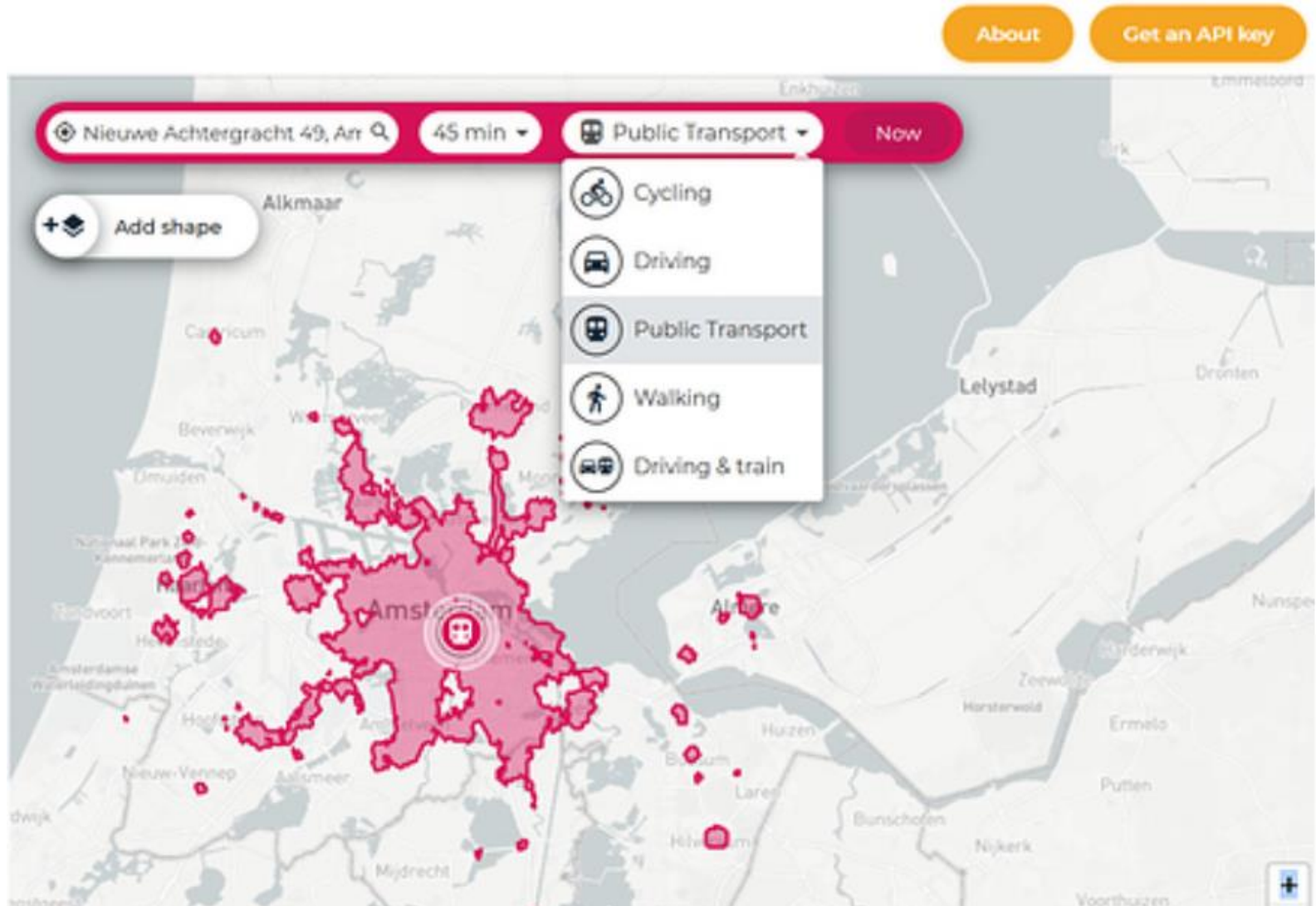


Travel Time Tool

- I. Pressure on Amsterdam, especially centre area;
- I. Housing is difficult, prices are high, is living in centre best choice?
- I. Travel time home to work in Amsterdam Metropolitan Area;
- I. Different transport options and combinations;
- I. Opening related to EMA agency installation Amsterdam.



Travel Time Tool



About

Get an API key

Nieuwe Achtergracht 49, Amst

45 min

Public Transport

Now

Add shape

Cycling

Driving

Public Transport

Walking

Driving & train

Alkmaar

Caaricum

Beverwijk

Omuiden

National Park Z

Tilvoort

Holstede

Amsterdams

Hof

Nieuw-Vennep

dijk

soosden

Amsterdam

Almere

Bossum

Laren

Helsum

Enkhizen

Emmeloord

Lelystad

Dronten

Nunspe

Wilderwijk

Zoew

Horsterwold

Ermelo

Putten

Voorthuizen



<https://app.traveltimeplatform.com/#/search/0 lat=52.37243&lng=4.89973&title=Amsterdam%20C%20Netherlands&time=d1529563828664&poi=Hotel>



311 / SIA



Giving people ownership of their personal data

DECODE provides tools that put individuals in control of whether they keep their personal data private or share it for the public good

[Find out more](#)

LEDGER

The project The Venture Builder Open calls Partners Evaluators & Experts

LEDGER

The Venture Builder for Human Centric Solutions

LEDGER, an EU funded project, empowers people to solve problems using decentralized technologies such as blockchain, peer to peer or distributed ledger technologies.

We are looking for 32 projects to build Minimum viable products (MVPs) where privacy by design, openness and citizen data sovereignty are at the core of their proposition.

1st Open Call Open

APPLY

Next Generation Internet

DISCOVER NGI STAY TUNED WHO DOES WHAT CONSULTATION RESOURCES EVENTS GET FUNDED JOIN NGI

NGI INITIATIVE

INTERNET OF HUMANS

DISCOVER IT >

NEXT GENERATION INTERNET

about challenges news events join us

amsterdam economic board
connecting innovators

Wetenschappelijke data

Launch Amsterdam Data Exchange



Digital Identity



**Bevestigen dat
je in de buurt woont**
zonder je adres te laten zien





BEYOND THE HYPE

VALUABLE TECHNOLOGIES IN AMSTERDAM





An Inclusive Digital City



Inclusieve digitale stad

The city belongs to everyone, regardless of social position, cultural origin, or sexual orientation. Amsterdammers must be digitally resilient and have the right skills to be able to participate. Technology should help Amsterdammers to develop the skills and competences they need via the most suitable services. It must also provide access to all kinds of information and education. We want to create a digital city using technology that helps and supports the Amsterdammer –all Amsterdammers.



Digital services provided by the City of Amsterdam must be transparent. Data must not discriminate or impede equal opportunities.



Artificial Intelligence





example (by @Maarten Sukel)

**recognize
what a
signal is
about,
based on
the text.**





example

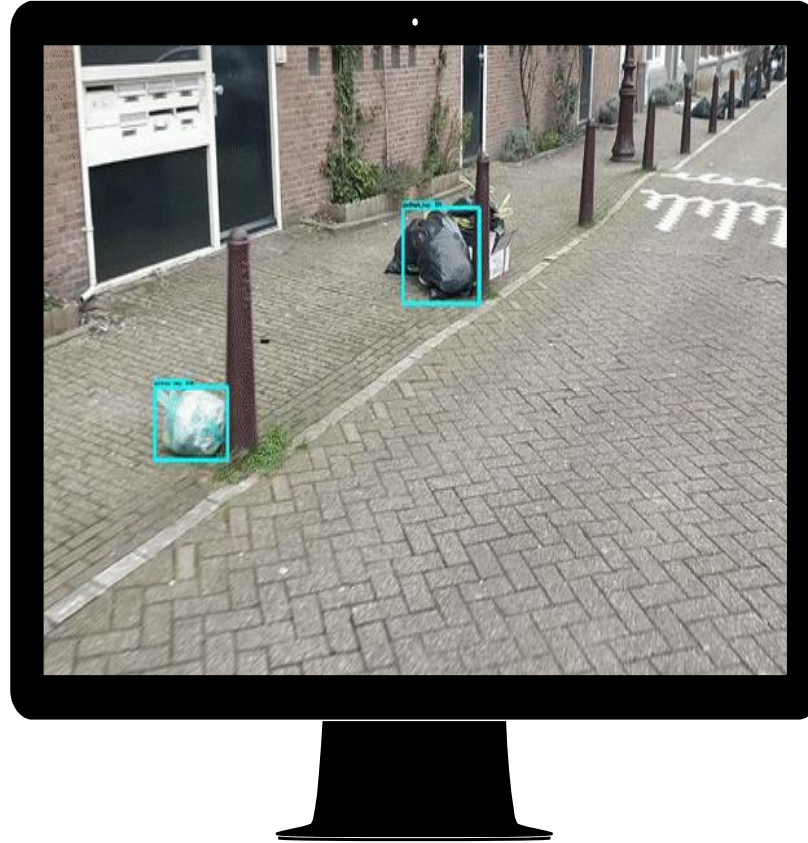
**Give a
signal
only by
sending a
photo?**





examples

Recogniz
e
garbage
and litter

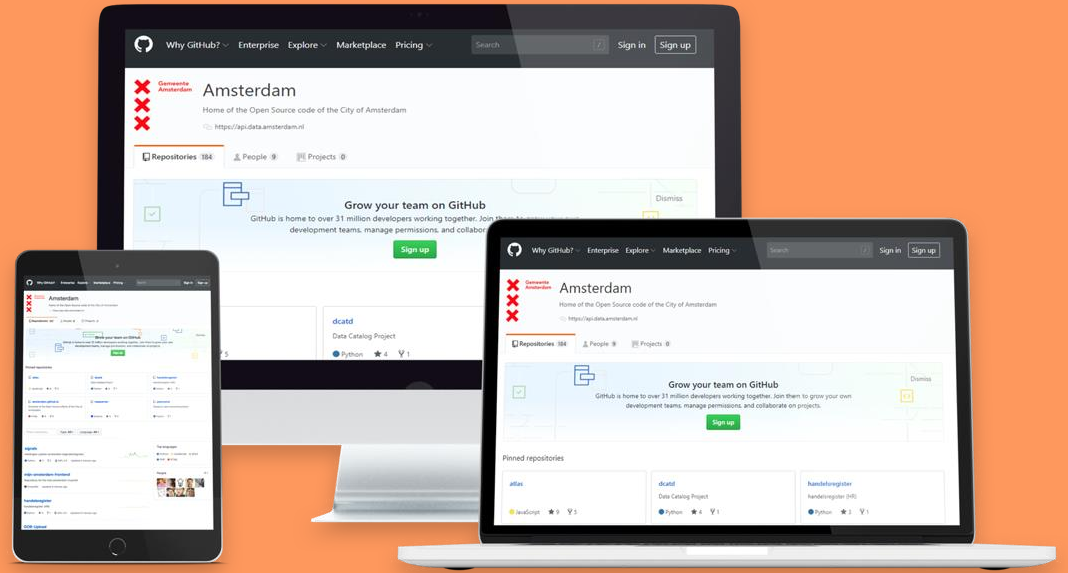




The city will make its data 'open' and/or available for sharing on a municipal platform, provided this is possible within the scope of statutory regulations.



GitHub



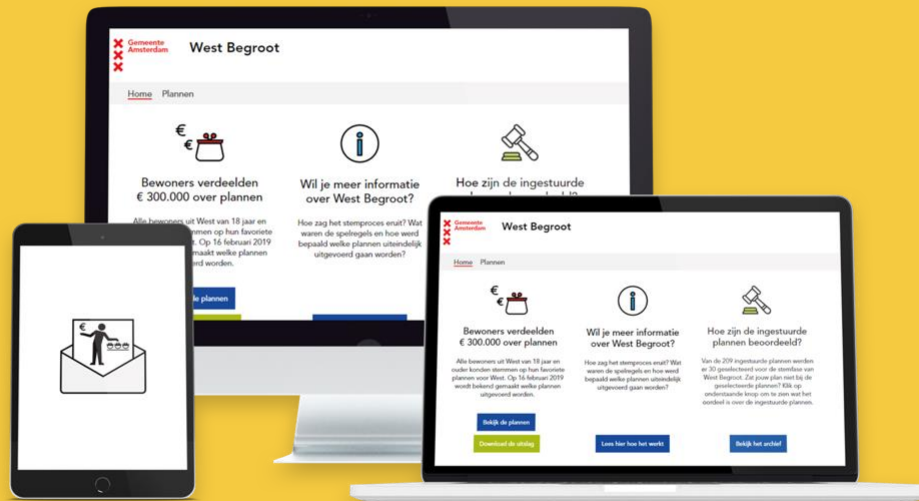


City and public services shall be accessible, comprehensible and usable for all, regardless of the individual's digital activity.

Both online and offline.



Open City





SCORE

Partners:

- ✘ Gemeente
- ✘ Amsterdam
- ✘



BERGEN
KOMMUNE



Johanneberg
Science Park

Amsterdam
Data Science



DORDRECHT



City of
BRADFORD
METROPOLITAN DISTRICT COUNCIL



ABERDEEN
CITY COUNCIL



Digital



CITY OF
AARHUS



Hamburg



City of
Gothenburg



AARHUS UNIVERSITY



UNIVERSITY of
BRADFORD



CC4DR - The Five Principles

01.

Universal and equal access to the internet, and digital literacy

Everyone should have access to affordable and accessible internet and digital services on equal terms, as well as the digital skills to make use of this access and overcome the digital divide.

02.

Privacy, data protection and security

Everyone should have privacy and control over their personal information through data protection in both physical and virtual places, to ensure digital confidentiality, security, dignity and anonymity, and sovereignty over their data, including the right to know what happens to their data, who uses it and for what purposes.

03.

Transparency, accountability, and non-discrimination of data, content and algorithms

Everyone should have access to understandable and accurate information about the technological, algorithmic and artificial intelligence systems that impact their lives, and the ability to question and change unfair, biased or discriminatory systems.

04.

Participatory Democracy, diversity and inclusion

Everyone should be represented on the internet, and collectively engage with the city through open, participatory and transparent opportunities to shape the technologies designed for them, including managing our digital infrastructures and data as a common good.

05.

Open and ethical digital service standards

Everyone should be able to use the technologies of their choice, and expect the same level of interoperability, inclusion and opportunity in their digital services. Cities should define their own technological infrastructures, services and agenda, through open and ethical digital service standards and data to ensure that they live up to this promise.



Thank you for your
attention

Contact for more info:

www.northsearegion.eu/score/

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