

ODI

Open cities

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The ODI



**Sir Nigel
Shadbolt**
Chairman



**Sir Tim
Berners-Lee**
President

Founded in 2012, the Open Data Institute (ODI) is an international, independent and not-for-profit organisation based in London, UK.



Vision

We want a world where
data works for everyone.



Mission



We work with companies and
governments to build an open,
trustworthy data ecosystem.

Getting value from data

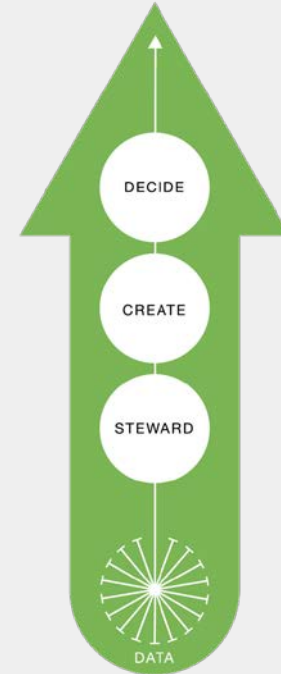
Many different people and organisations making decisions

Many creating tools & insights that help those decision makers

Requires stewards to share data



POSITIVE IMPACT



Data hoarding dystopia

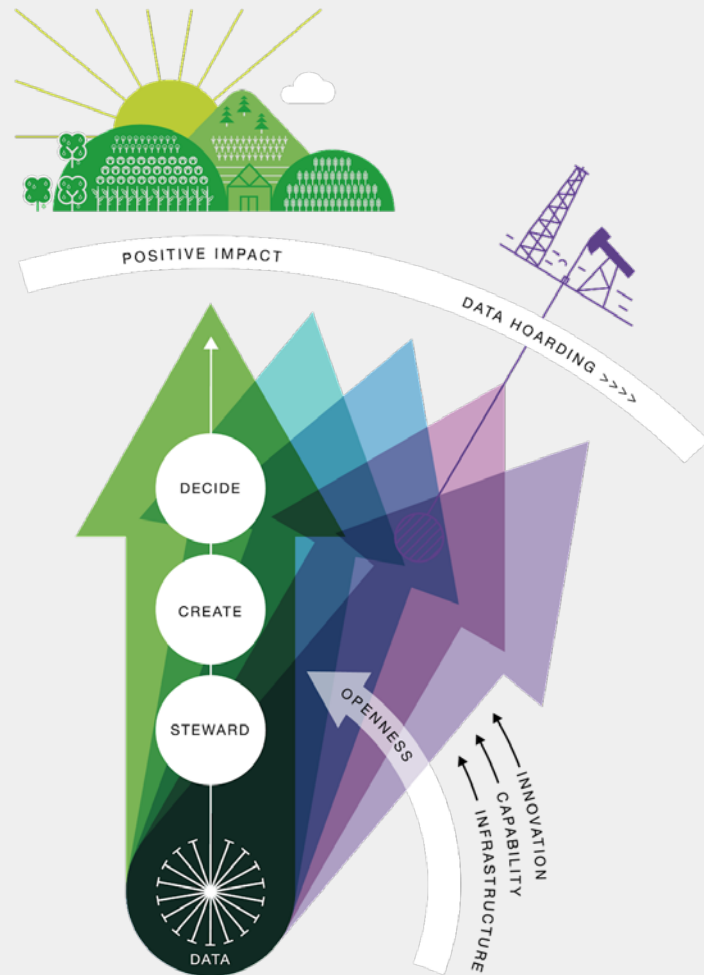
“Data is oil” attitude

Vertical, in-company data use

Narrow decision maker needs

Restricted intermediary market

Data extraction



Data fearing dystopia

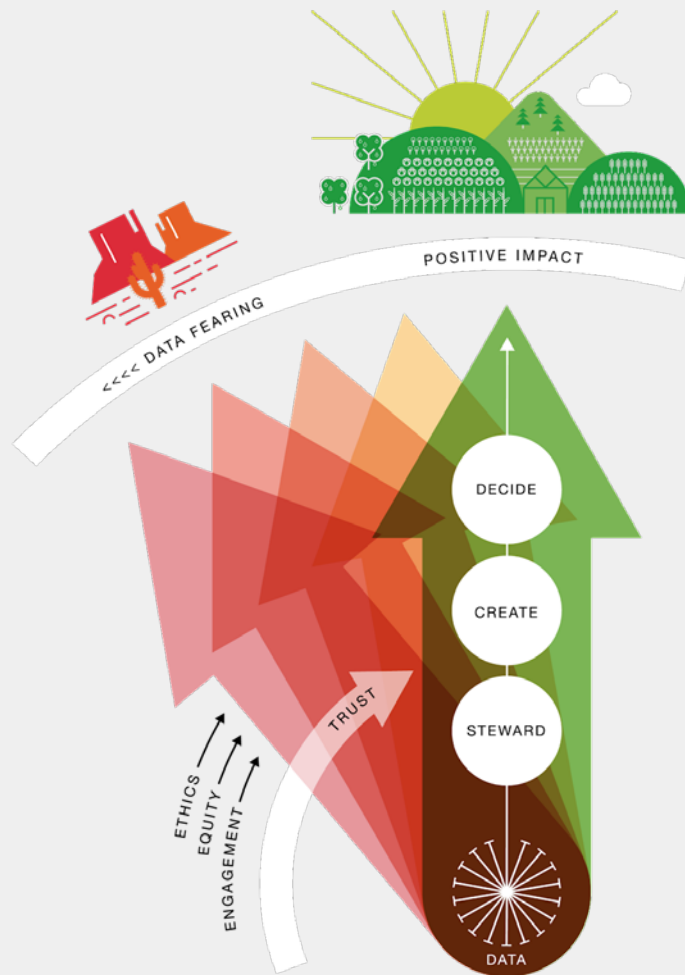
Not collecting data

Not using data

Withdrawal of consent

Misleading data

Poor conclusions

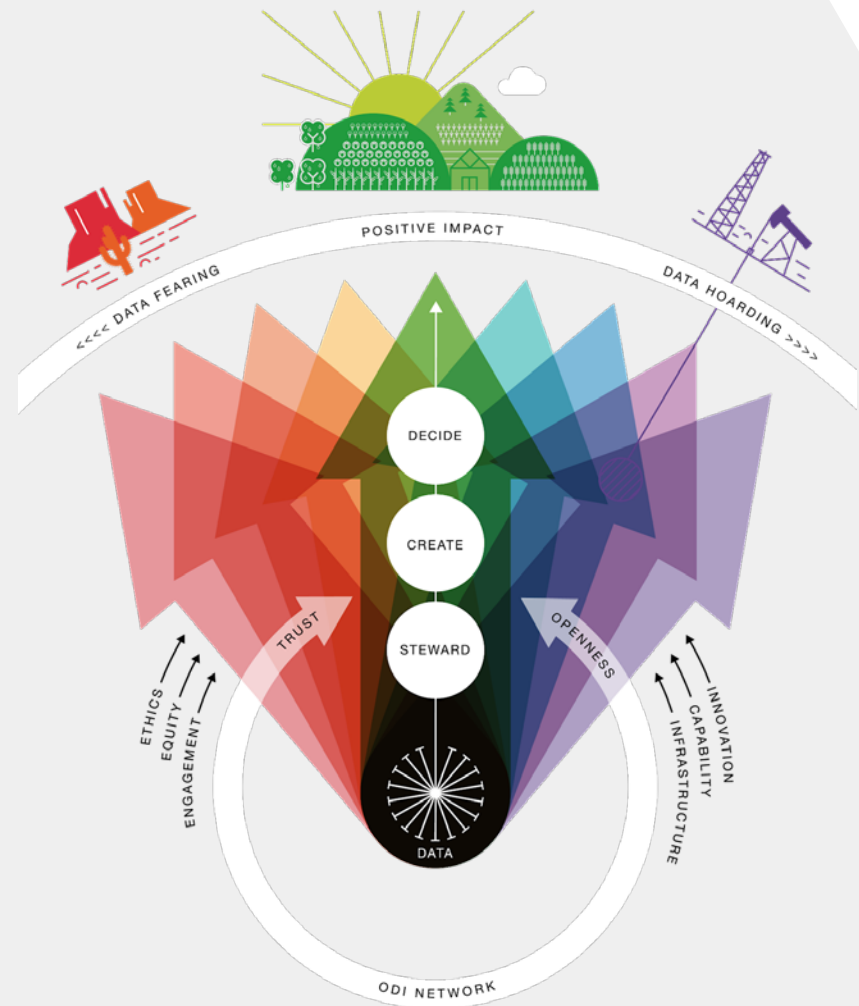


The Future of Data

We need to find a good balance

We can't predict all the consequences of our interventions

Constant monitoring & nudging back to the middle



The open cities project

This project evaluated the success of open approaches in cities and demonstrated the value of openness to those currently focusing on smart



Why do we talk
about open
cities?

Open not smart

Cities are complex.

Responsible for managing an elaborate ecosystem of sectors and people – in transport, planning, energy, emergency services and more.

Have to balance economic, political and societal pressures on a large scale.



Open not smart cities

Their complexity makes cities appealing

Tech companies market their smart products (sensors and systems) as being able to address these problems and radically improve cities (i.e. there is a lot of hype)



Potential problems with this:

- ▶ Designing cities and services is hard!
- ▶ Privacy and surveillance
- ▶ Ethics of data collection and algorithmic decision making
- ▶ Technology is expensive
- ▶ Increasing data silos
- ▶ Data skills and literacy

What is an open
city?

Open City

At the Open Data Institute (ODI) we advocate for, and support, an open culture. This involves **data infrastructure** that is as **open as possible**; encouraging **data literacy** and capability for all, and advocating for **open innovation**. Underpinning these activities should be a commitment to increasing the trustworthiness of cities to use technology.

This means:

- building ethical considerations into how data is collected, managed and used
- ensuring equity around who accesses, uses and benefits from data
- engaging widely with affected people and organisations.

Amsterdam

In 2019, Amsterdam announced a move to make all of their software open source.

All source code is published to their [GitHub](#). They do this for:

- Collaboration
- Security
- Transparency
- Support
- Maintainability
- Agility
- Reusability
- Attractiveness

Gdańsk

Gdańsk involve people in decision making processes – through civic panels and participatory budgeting – “makes people feel very responsible for every project in the streets”.

Sixty three residents were drawn randomly from the voters register, with regard to an even distribution of representatives from all districts, age and gender.

Hamburg

When new bike stations were needed in Hamburg, the public was asked where they should be placed. There were 4,000 suggestions provided for new locations.

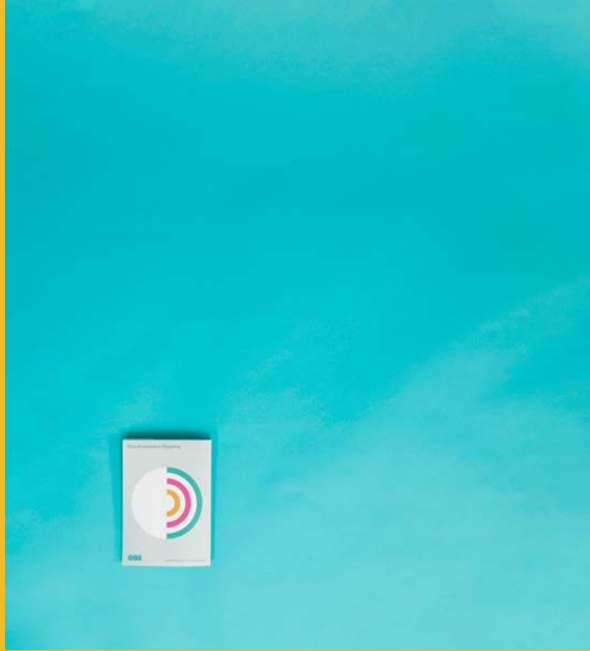
Similar processes are being used to explore the development of housing. The public get “all the information and data that the administration has... and we also give them tools to do this at an event, or at home or online with a smartphone.”

Helsinki

Helsinki's move to open stemmed in part from an event called 'Restaurant Day'. “Four times a year, anybody can put up a pop-up restaurant and sell food from home, or in the parks”

“it was a citizen initiative, and then the city [which] is seen as very bureaucratic, embraced that at the same time... so there was a kind of a change for openness, not only on data, but the city was kind of more willing to engage citizens”

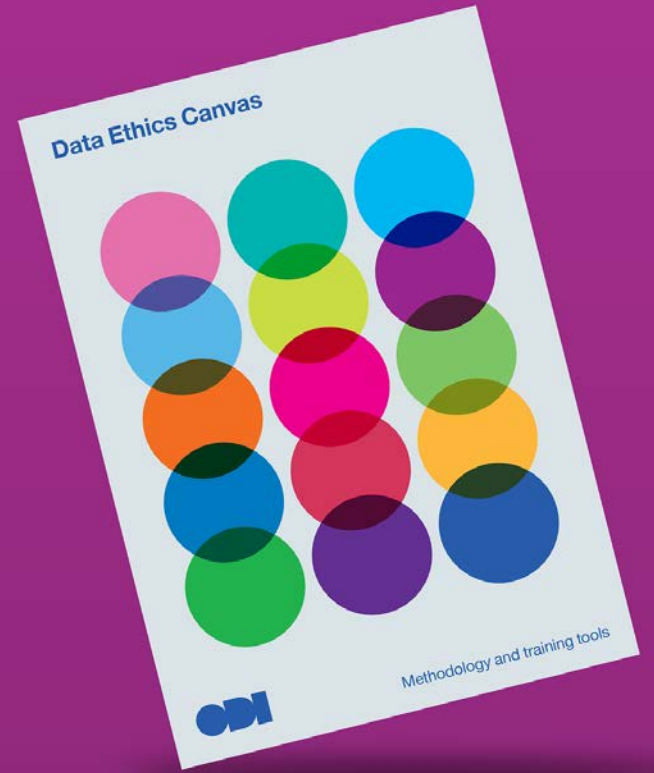
Overcoming barriers



Data ecosystem mapping tool

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Data Ethics Canvas



Skills framework



Discussion questions



Label the following image on Jamboard with potential benefits and also practical and ethical concerns if this was implemented in your city. Think about:

- New data
- Increased efficiency
- Privacy and surveillance
- Data ownership
- Governance models
- Funding and finances
- Data sharing
- Human rights
- Environment and climate change

Sorular



Bir sonraki görsel kendi şehrinize uygulansaydı, karşılaştığınız potansiyel faydaları, uygulanabilirlik ve etik kaygıları içeren görüşlerinizi Jamboard'da aşağıdaki maddeleri de gözönünde bulundurarak etiketleyiniz:

- Yeni veri
- Verimliliği arttırmak
- Gizlilik ve gözetim
- Veri sahipliği
- Yönetişim modelleri
- Fon bulma ve finans
- Veri paylaşımı
- İnsan hakları
- Çevre ve iklim değişikliği

Jamboard instructions

- Click on the [link](#) posted in the zoom chat
- Add post-its to the image with your thoughts

<https://fpf.org/uncategorized/smart-cities/>



Ahlaki
/
Ethical

Fayda /
Benefit

Uygulanabilir
adım /
Practical step

ENVIRONMENTAL SENSORS +

çevre
sensörleri

TRAFFIC CONTROLS +

trafik
kontrolü

DRONE CAMERAS +

drone
kameralar

PARKING MONITORING +

otopark
izleme

PUBLIC WIFI KIOSKS +

wi-fi
ekranlar

URBAN SMART CARDS +

akıllı
kartlar
(kentsel)

CCTV +

kapalı
devre
kameralar