Ireland Open Data Conference
High Value Datasets

open
data
institute

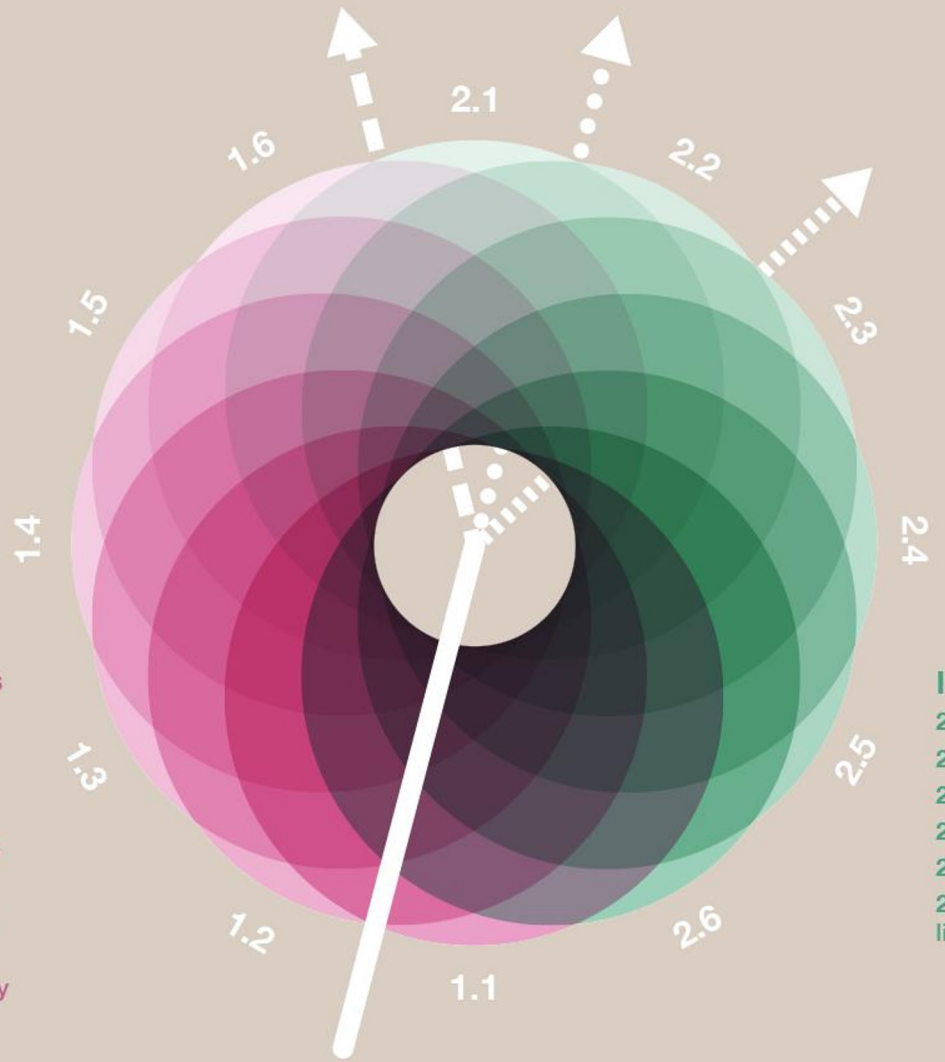
Vision

We want a world where data works for everyone.

Mission

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

What makes data valuable?



Economic lens

1.1 Excludability

1.2 Externalities (pos and neg)

1.3 Increasing/ decreasing returns

1.4 Option value

1.5 High fixed, low marginal costs

1.6 Complementary investments

Information lens

2.1 Subject

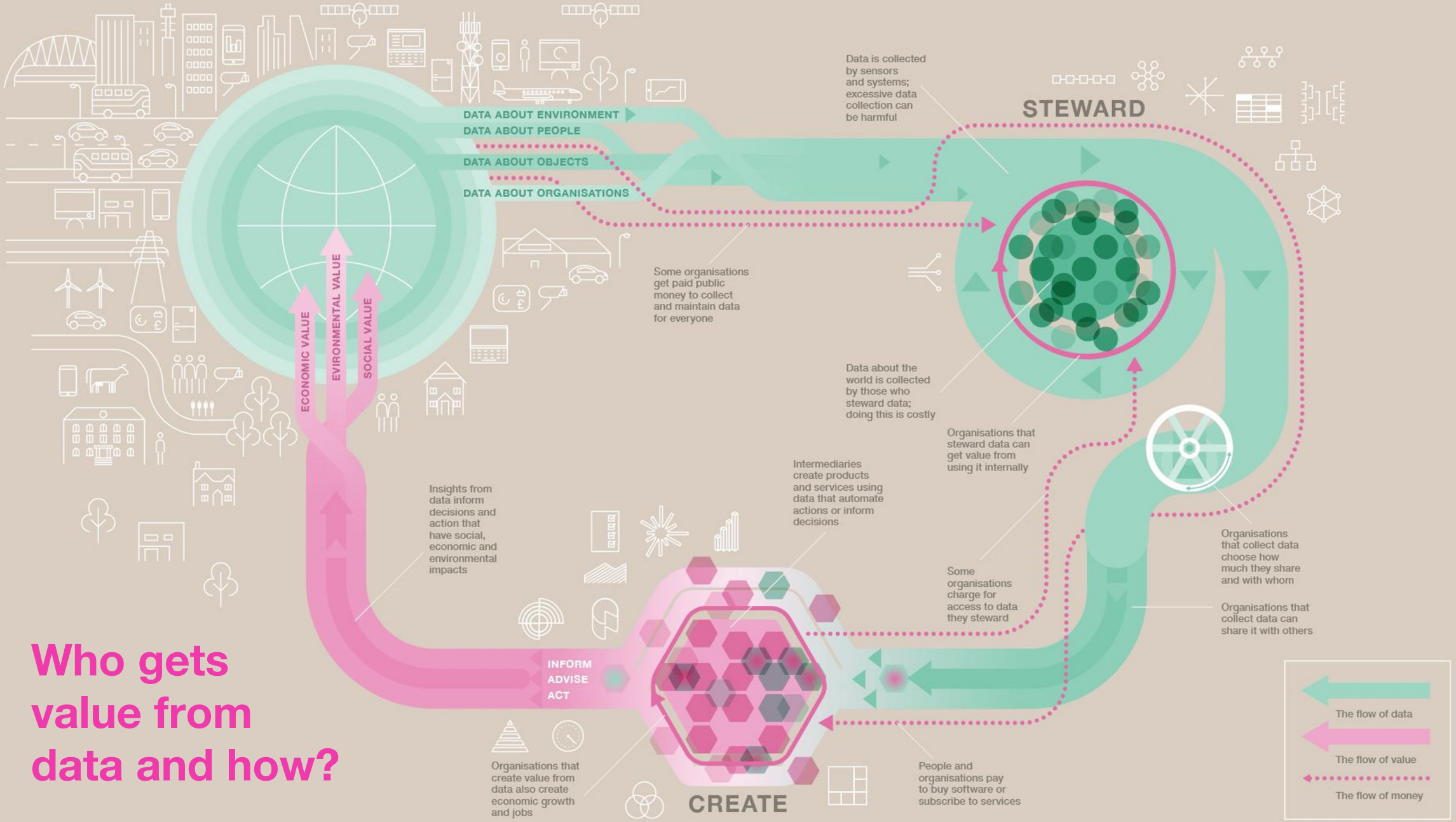
2.2 Generality

2.3 Temporal coverage

2.4 Quality

2.5 Sensitivity

2.6 Interoperability/ linkability



Who gets value from data and how?

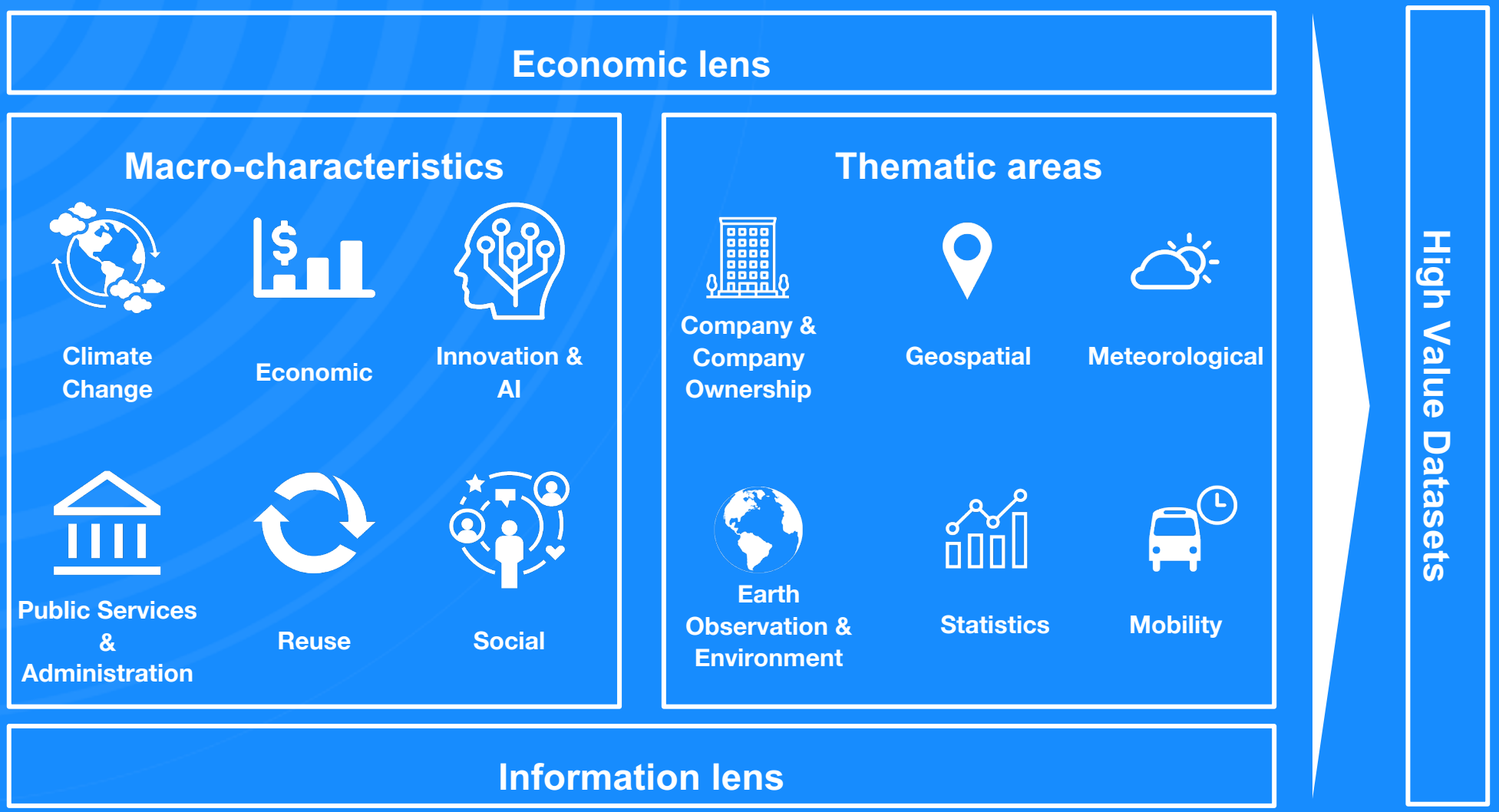
High Value Datasets

Create the value framework
Identifying characteristics and relevant indicators of the value of data

Undertake an impact analysis
Ten EU member states selected, ODI focussed on Ireland

Deliver policy options and recommendations
Low and high ‘intensity’ policy options and recommendations for the EC

High Value Datasets - The Project



Impact analysis → Policy options

Thematic areas

Member states

Multi-Criteria Analysis

- Effectiveness
- Efficiency
- Coherence
- Proportionality
- Feasibility

Policy Options

‘Low intensity’

‘High intensity’

Policy options

‘Low intensity’ policy options

Includes:

- Open licences
- Mandatory machine-readability
- Key datasets
- Regular update frequency and timeliness
- Good granularity

‘High intensity’ policy options

Includes:

- More open licenses (ex: from CC-BY to CC0)
- More datasets in scope
- Increased update frequency and timeliness
- Increased granularity
- Additional key attributes

High Value Datasets - Key Takeaways

These datasets are foundational for the data economy
They should prioritised in the public sector, and pushed for more openness outside of the Open Data Directive

The more open they are the better
This means more open licences, and anonymisation where personal data may restrict publishing openly

Lower priority datasets are still important
Data exhibits network effects that increase their own value and the value of other datasets when connected

Organisations might need support to get to the open goal
Some organisations are lacking the technical infrastructure currently, or would need to significantly change their operating model

Standardise across Europe
Member state organisations supporting each other will increase value for all, faster

Thanks!

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