

LinkedIn

@GavinStarks

@IcebreakerOne

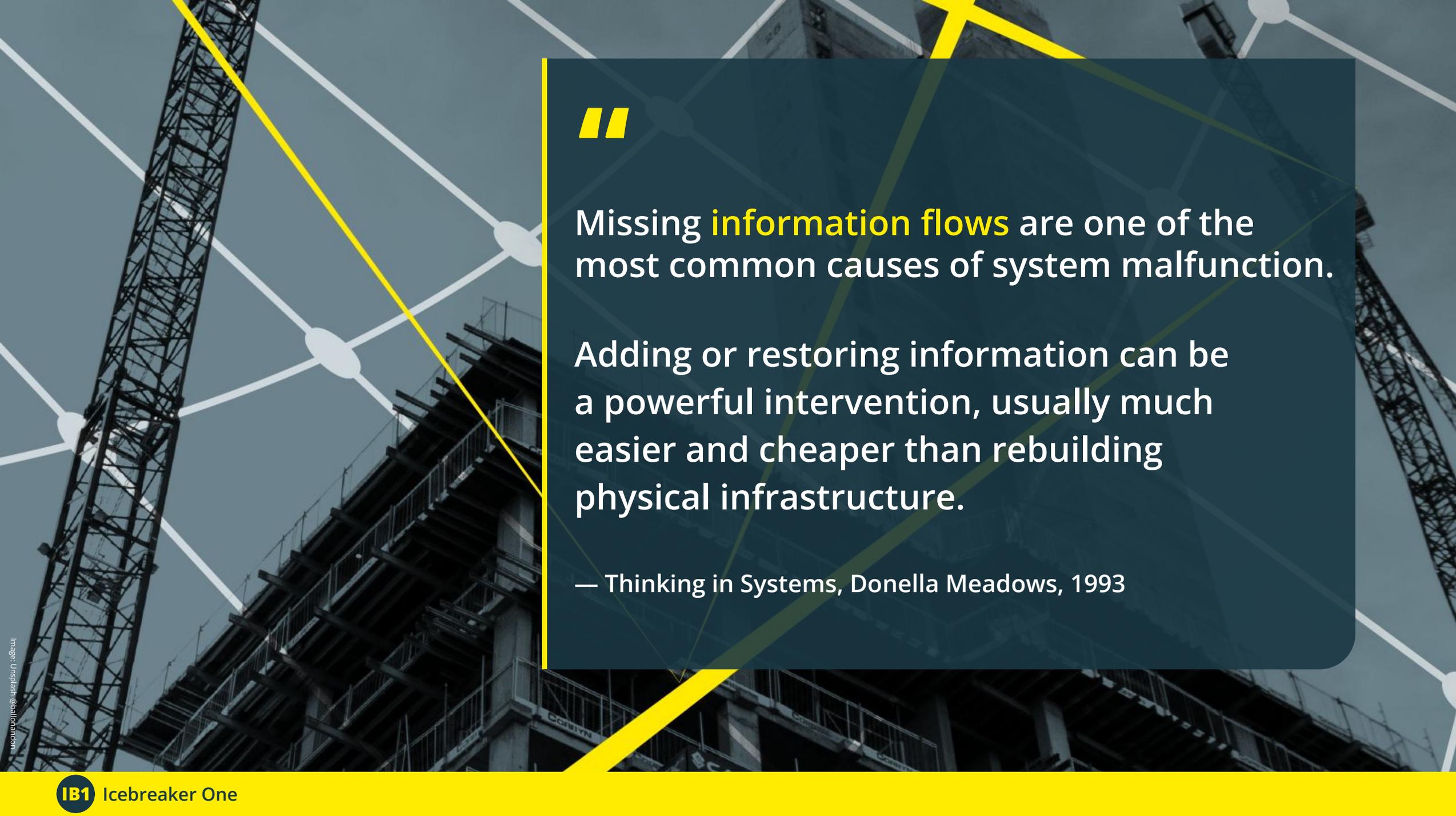
To go far, we go together.

IB1.ORG

Join us.



**THE TIME
FOR THEORY
IS OVER**



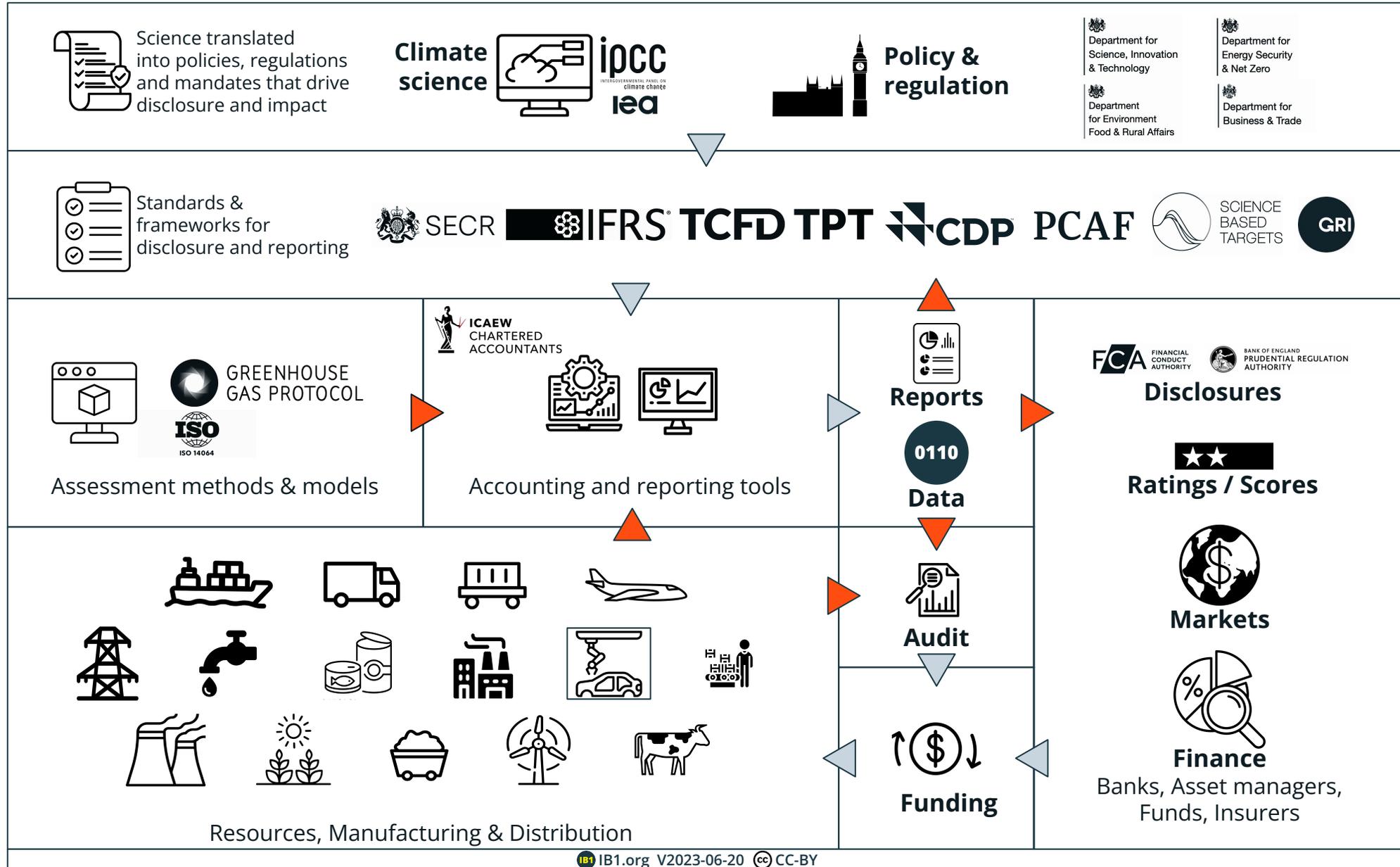
“

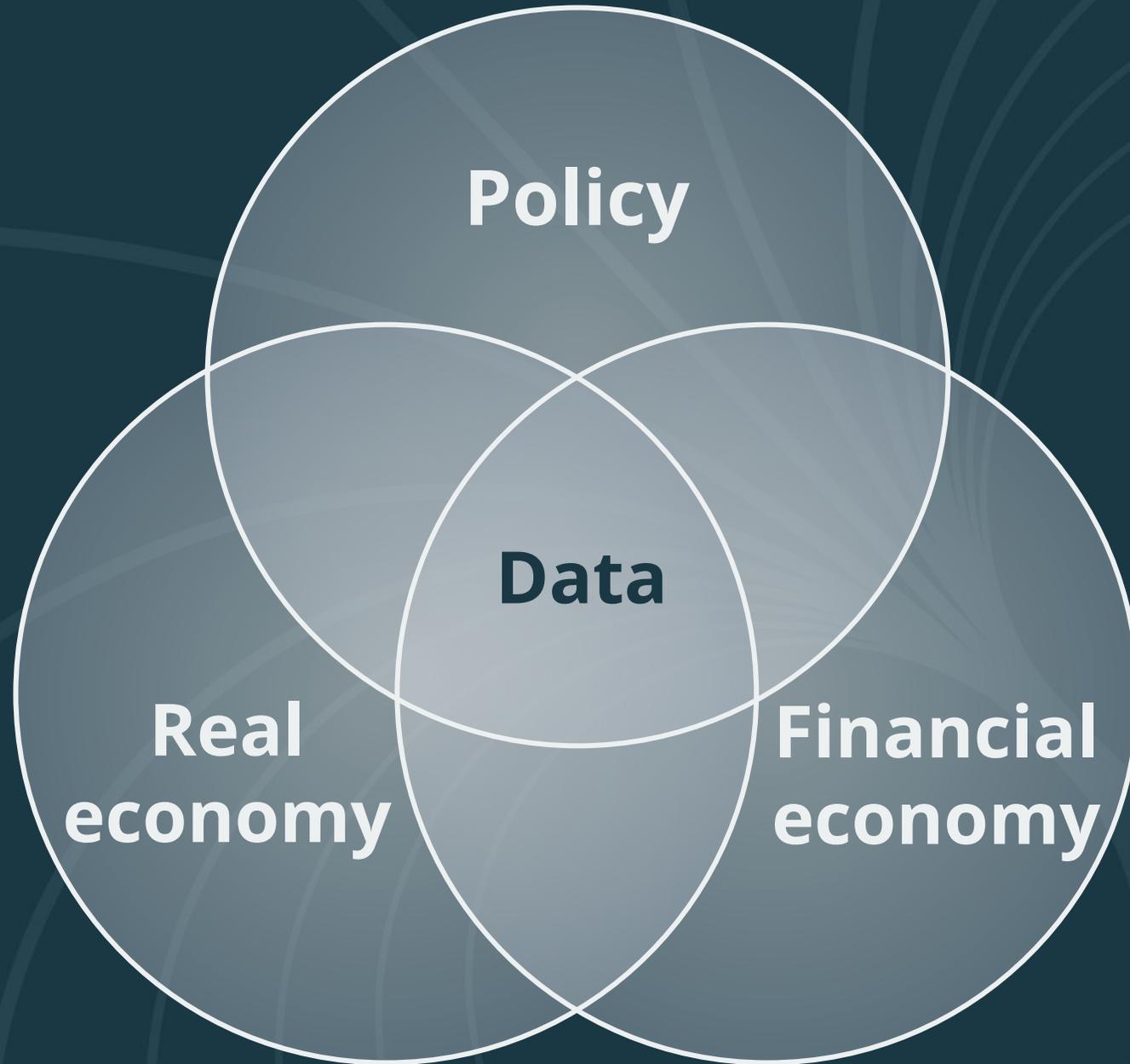
Missing **information flows** are one of the most common causes of system malfunction.

Adding or restoring information can be a powerful intervention, usually much easier and cheaper than rebuilding physical infrastructure.

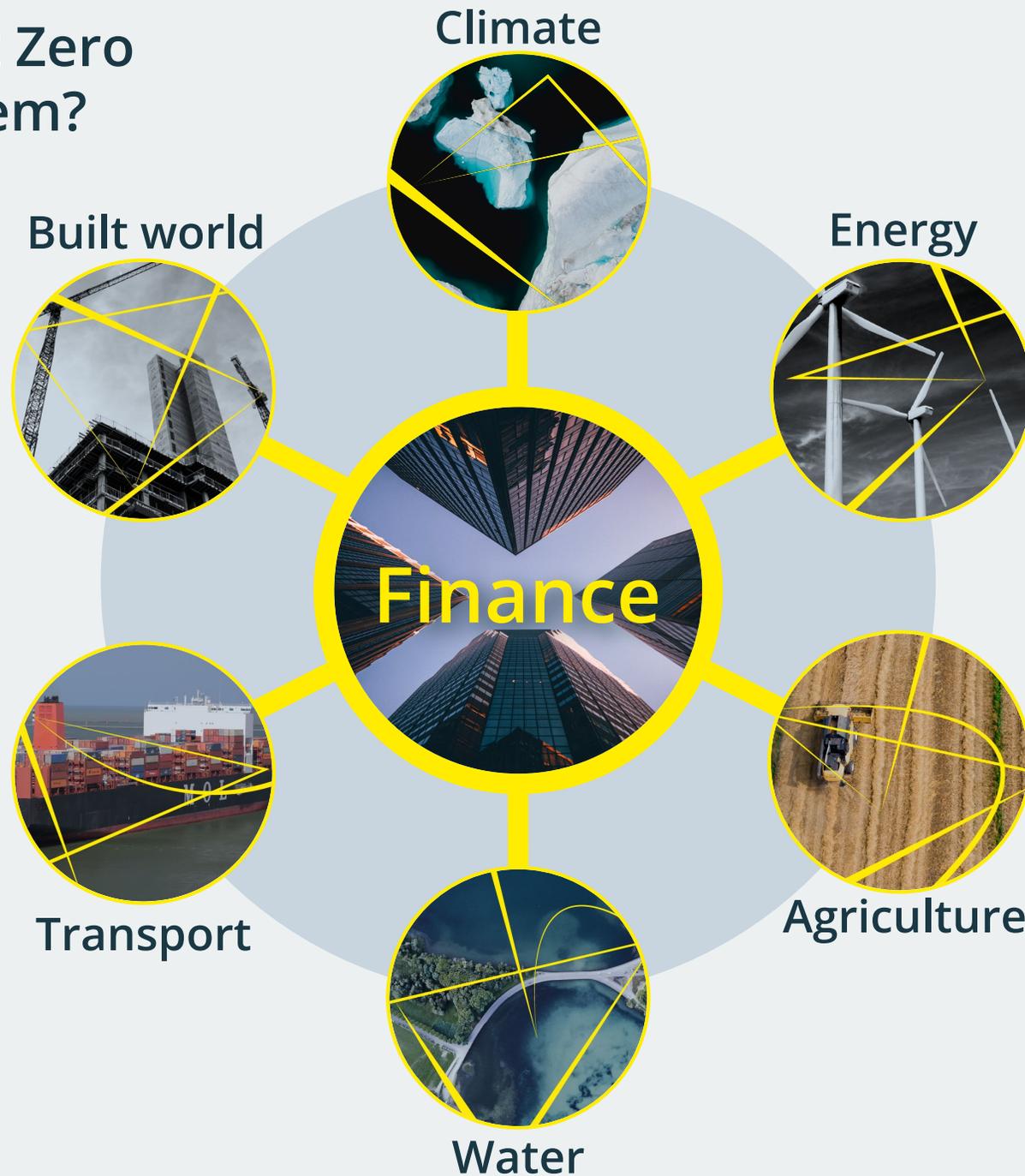
— Thinking in Systems, Donella Meadows, 1993

Mapping data flows between the real and financial economies





What is a Net Zero data ecosystem?



Input data

- Energy data flow
- Asset-level data
- Operational data
- Embodied carbon
- Policy & regulation
- Geospatial
- Environmental
- Climate science

Modelled data

- Flexibility
- Demand response
- Energy efficiencies
- Grid optimisation
- Risks & hazards
- Exposure & vulnerabilities
- Financial stresses

Output data

- GHG/ESG reporting
- Financial risk ratings
- Financial forecasts
- Emissions data

Introducing the

Open Banking

Standard

Helping customers, banks
and regulators take banking
into a truly 21st-century,
connected digital economy

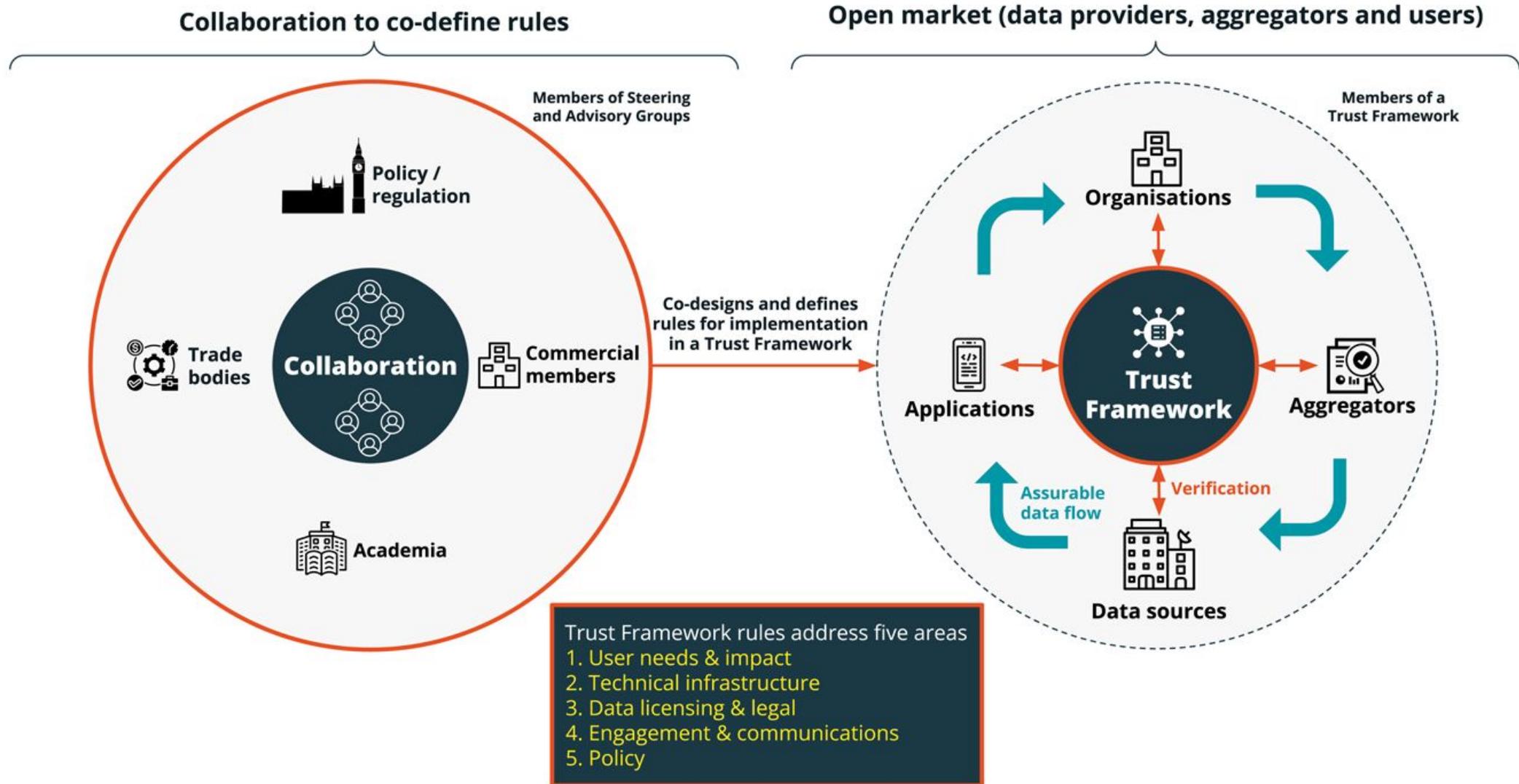
Regulated in the UK 2017

Within four years...

- ❑ 700+ fintechs
- ❑ copied in 80+ countries
- ❑ \$20B+ market
- ❑ \$120B projection for 2032

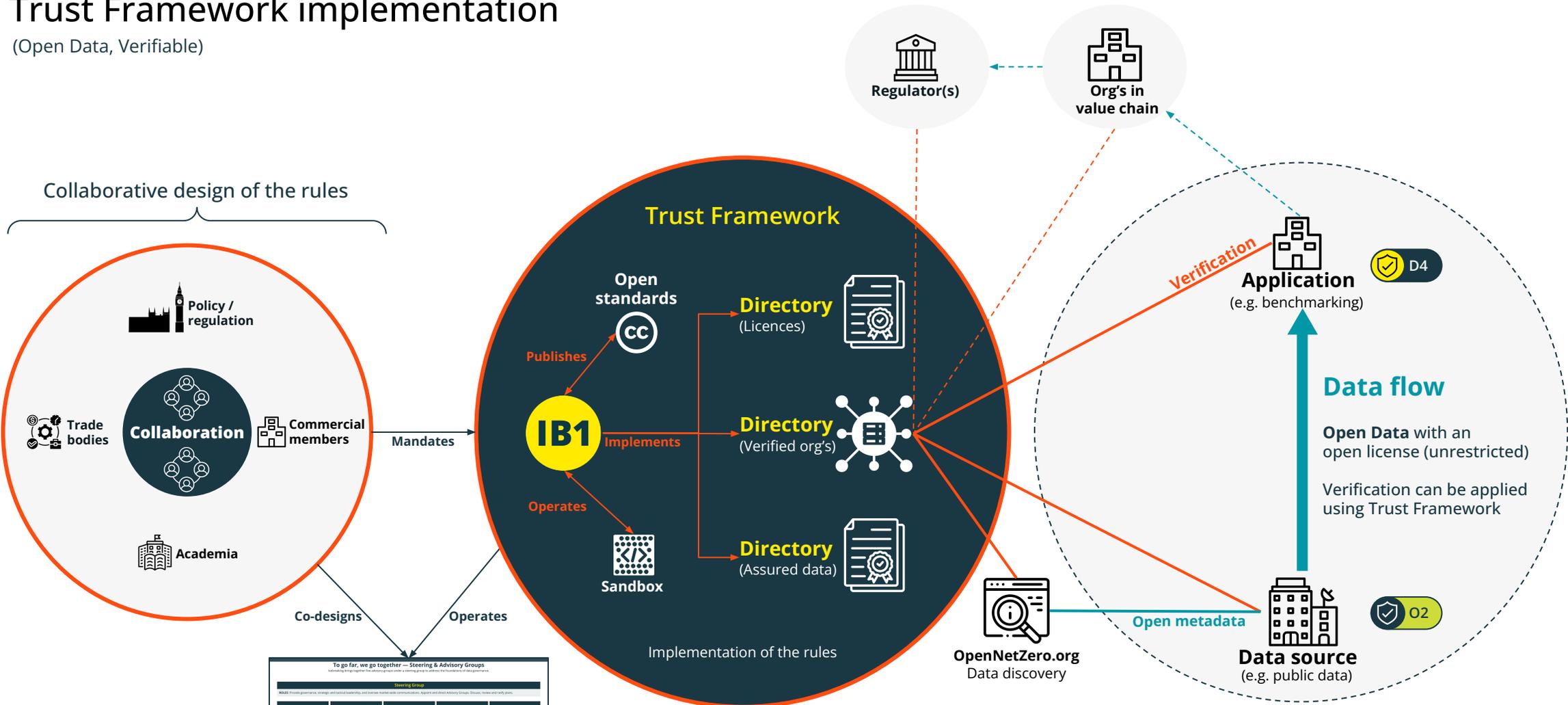
How collaboratively designed rules can support an open market architecture

A **Trust Framework** is an effective way to implement and automate the adoption of **rules** for data providers, aggregators and users, to share data securely at market-wide scale. It enables **assurable data flow** between organisations peer-to-peer, while a Trust Framework **verifies** that organisations and their data sharing are compliant with the rules.



Trust Framework implementation

(Open Data, Verifiable)



To go far, we go together — Steering & Advisory Groups

Steering Group				
<p>User Needs, Maturity, Impact</p> <p>Define user needs, identify gaps, and assess impact of the data value chain.</p> <p>Agree on the user needs and maturity of the value chain.</p> <p>Define the business value and impact of the value chain.</p>	<p>Technical Infrastructure, Technical standards & systems</p> <p>Identify technical infrastructure and standards for publishing data, including open standards and data access (e.g. APIs).</p> <p>Operationalise technical systems for data publishing and access.</p>	<p>Data Licensing & Legal, Legal advice & consent</p> <p>Develop a data licensing strategy that allows for the reuse of data, including open standards and data access (e.g. APIs).</p> <p>Obtain legal advice and consent for data publishing and access.</p>	<p>Engagement & Communications</p> <p>Develop a communication strategy to engage stakeholders and build trust.</p> <p>Engage stakeholders through various channels, including open standards and data access (e.g. APIs).</p> <p>Communicate the value of the value chain and the role of the steering group.</p>	<p>Policy</p> <p>Develop a policy framework that supports the value chain and the role of the steering group.</p> <p>Communicate the policy framework to stakeholders and build trust.</p>

Icebreaking processes
(Steering, Advisory and Working Groups)

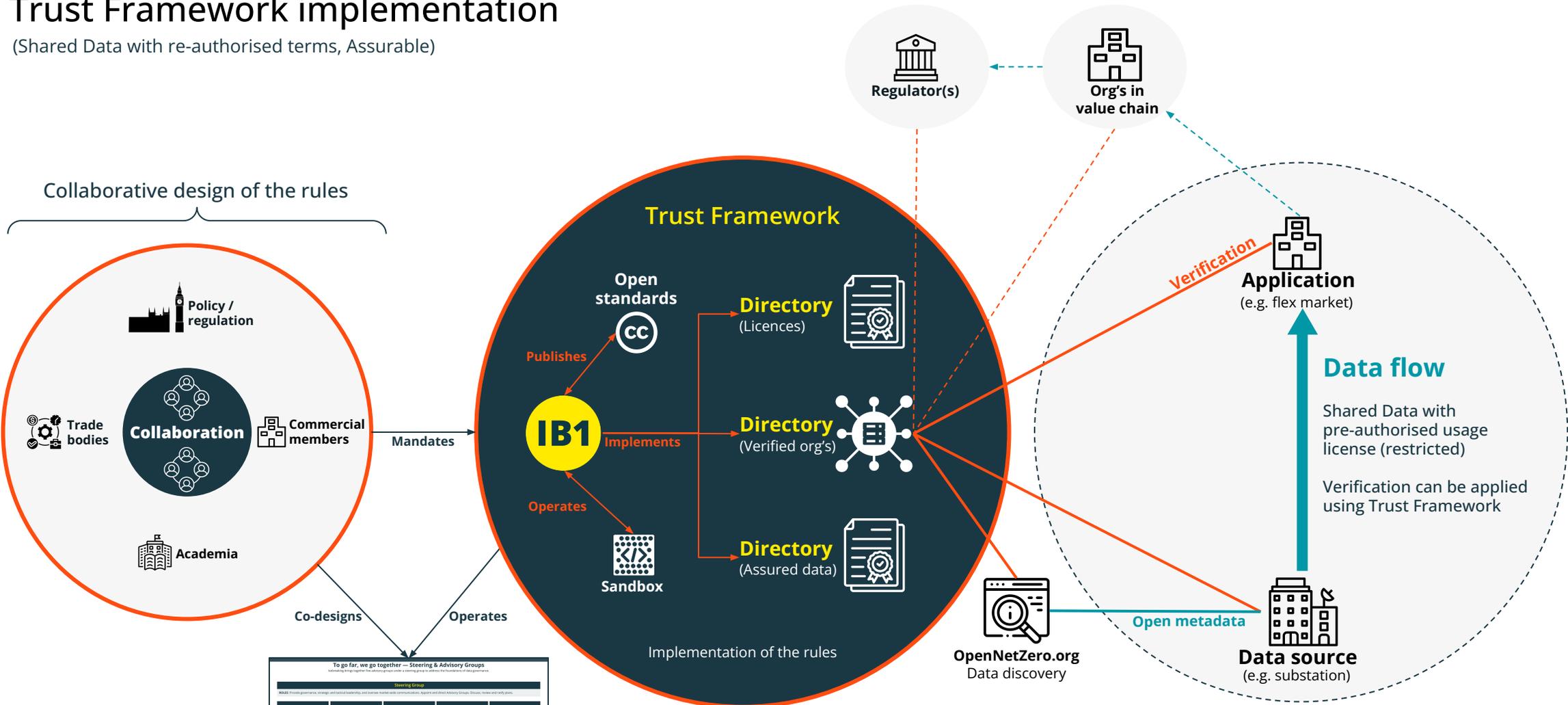
Icebreaking
Process to co-define rules through collaborative, multi-stakeholder engagement

Licences
Codified rules (legal, technical, rights, liability, communication, policies)

Verification and Assurance
Tests to what levels organisations and/or datasets are compliant

Trust Framework implementation

(Shared Data with re-authorised terms, Assurable)



To go far, we go together — Steering & Advisory Groups

Steering Group				
<p>User Needs, Maturity, Impact</p> <p>Define user needs, maturity, impact, and the value of the data for the data users.</p> <p>Agree on the user needs, maturity, impact, and the value of the data for the data users.</p>	<p>Technical Infrastructure, Technical standards & systems</p> <p>Define the technical infrastructure, standards, and systems for the data sharing.</p> <p>Agree on the technical infrastructure, standards, and systems for the data sharing.</p>	<p>Data Licensing & Legal, Legal, rights & consent</p> <p>Define the data licensing, legal, rights, and consent for the data sharing.</p> <p>Agree on the data licensing, legal, rights, and consent for the data sharing.</p>	<p>Engagement & Communications</p> <p>Define the engagement and communication for the data sharing.</p> <p>Agree on the engagement and communication for the data sharing.</p>	<p>Policy</p> <p>Define the policy for the data sharing.</p> <p>Agree on the policy for the data sharing.</p>

Icebreaking processes
(Steering, Advisory and Working Groups)

Icebreaking
Process to co-define rules through collaborative, multi-stakeholder engagement

Licences
Codified rules (legal, technical, rights, liability, communication, policies)

Verification and Assurance
Tests to what levels organisations and/or datasets are compliant

Net Zero data at your fingertips

Find, access and securely share net-zero data across industry, environment and finance.

Can't find what you are looking for?

[REQUEST DATA →](#)

Suggest or submit Open or Commercial data to make it discoverable

[SUBMIT LINKS TO DATA →](#)

Support the Icebreaker Principles for net zero data flow

[LEARN MORE & SUPPORT →](#)



Perseus Steering Group



Observers



v2023-06-27



Trust Framework for data sharing at market-wide scale

- **Interoperable** common processes & systems
- **Legal** framework data rights, liability, redress
- **Controlled** assured, secure, consent management
- **Cohesive** common application
- **Universal** open to the whole market



**Connect
Don't
Collect**

LinkedIn

@GavinStarks

@IcebreakerOne

To go far, we go together.

IB1.ORG

Join us.

