



DATASPHERE  
INITIATIVE

# DATA, DATA GOVERNANCE AND THE DATASPHERE

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CLDP Central Asia WG



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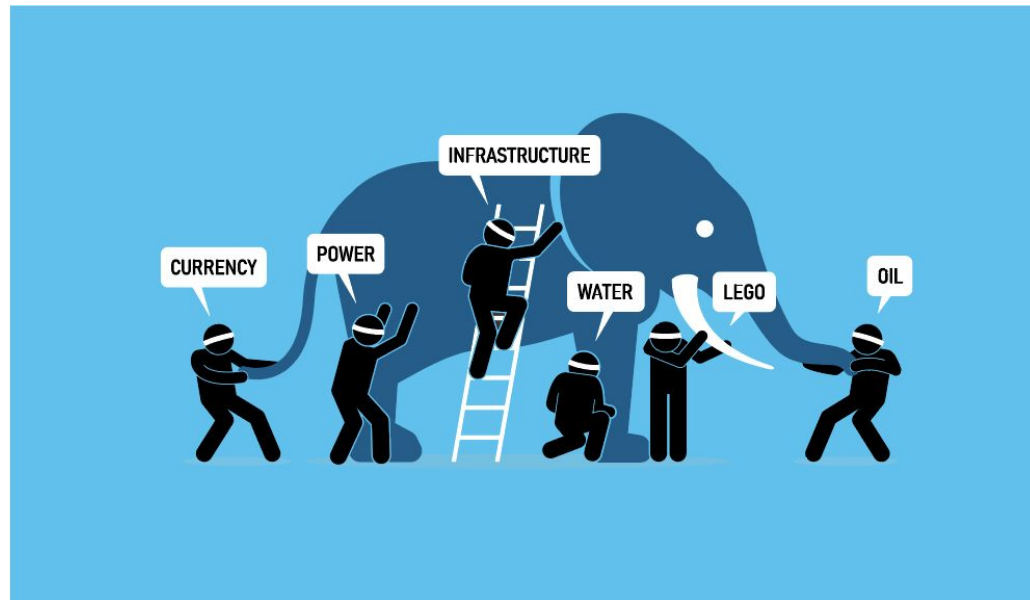


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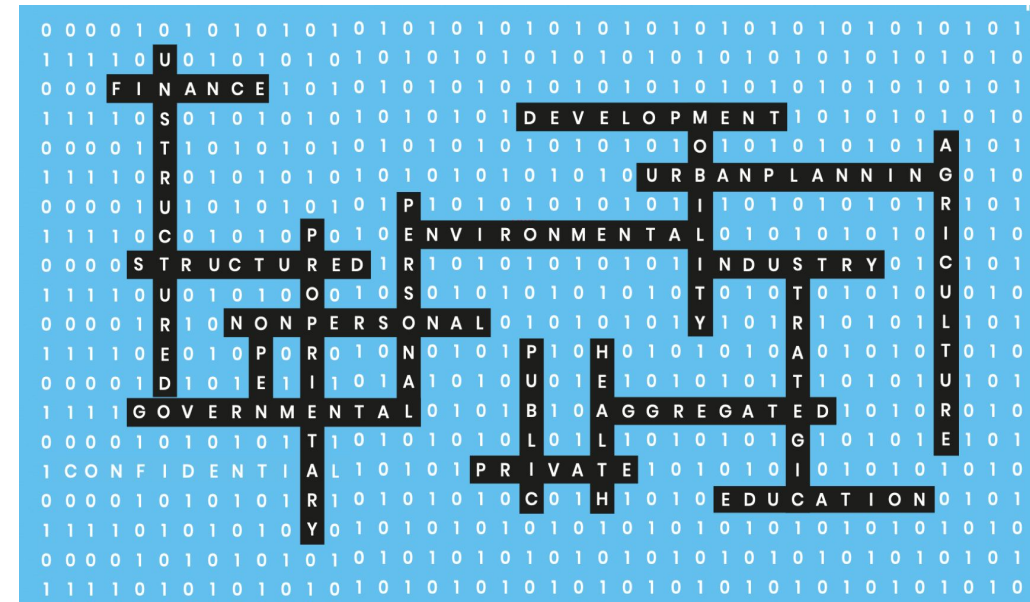
# DATA



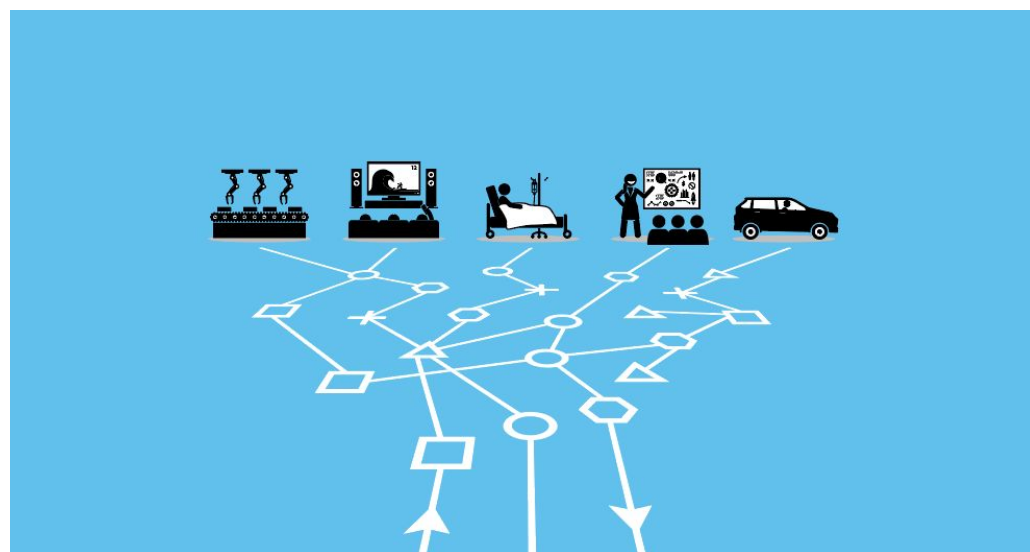
# BEWARE OF ANALOGIES



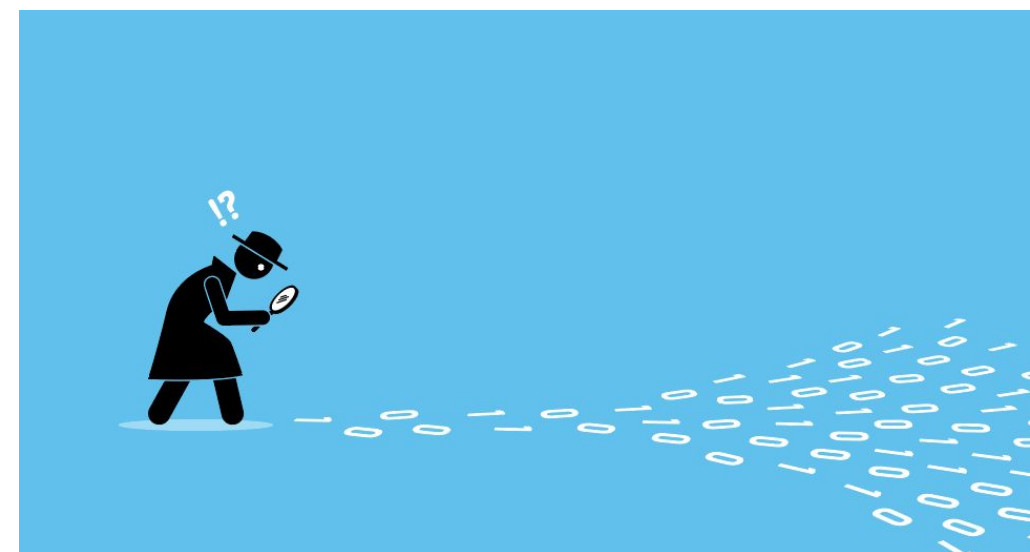
# DATA MULTIDIMENSIONAL



# DATA HAS UNUSUAL PROPERTIES



# LOCATION OF STORAGE AND PROCESSING IS NOT ALL THAT MATTERS





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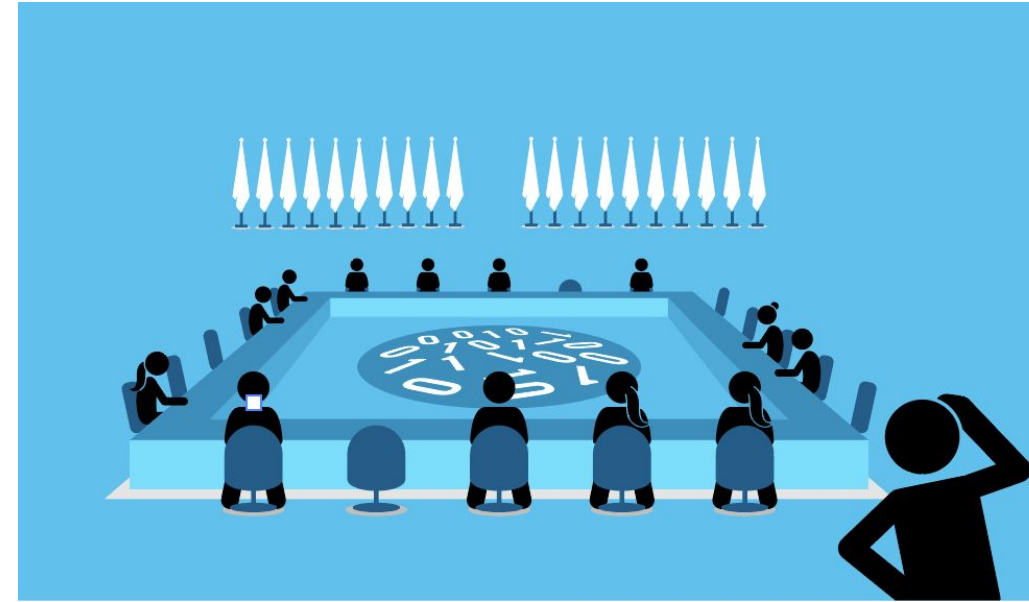
# FREE FLOW OF DATA



## THE SHADOW OF **THE FREE TRADE DEBATE**



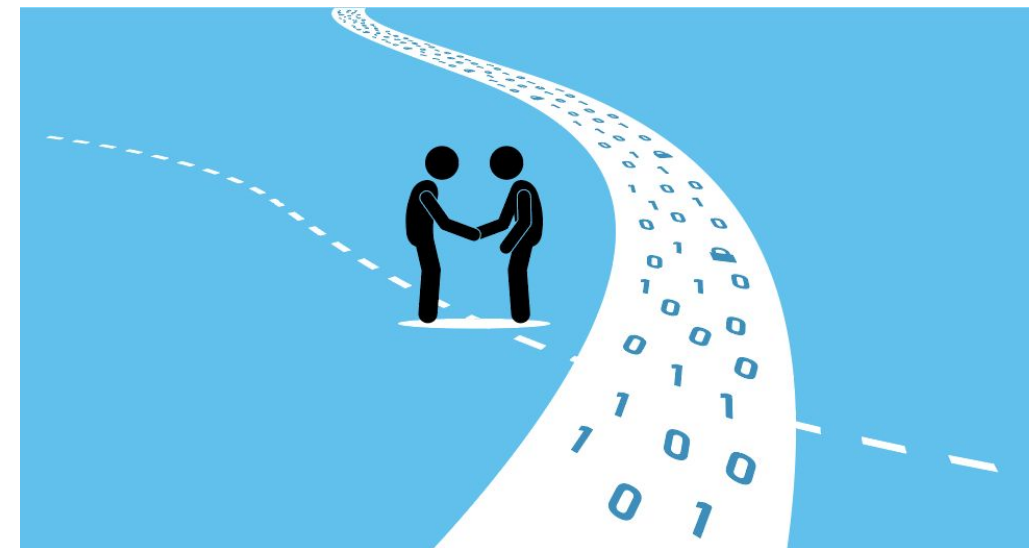
## FREE FLOWS OF DATA IS A TOPIC HIGH **ON GLOBAL POLICY AGENDAS**



## CONCERNS EXIST REGARDING DIGITAL **INTERDEPENDENCE DYNAMICS**



## ENHANCING TRUST FOR CROSS-BORDER **DATA FLOWS IS CRITICAL**



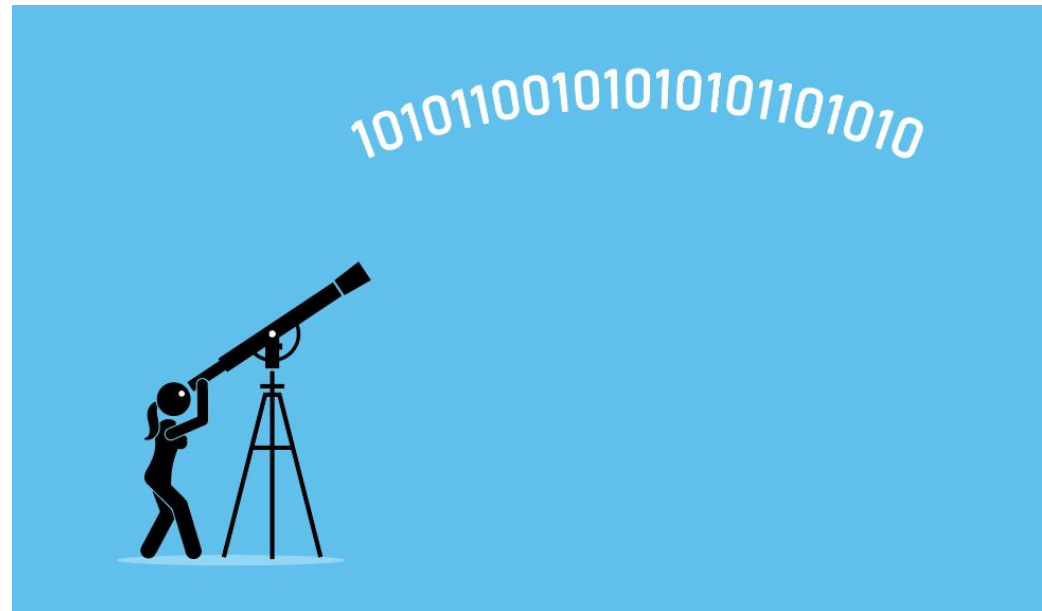


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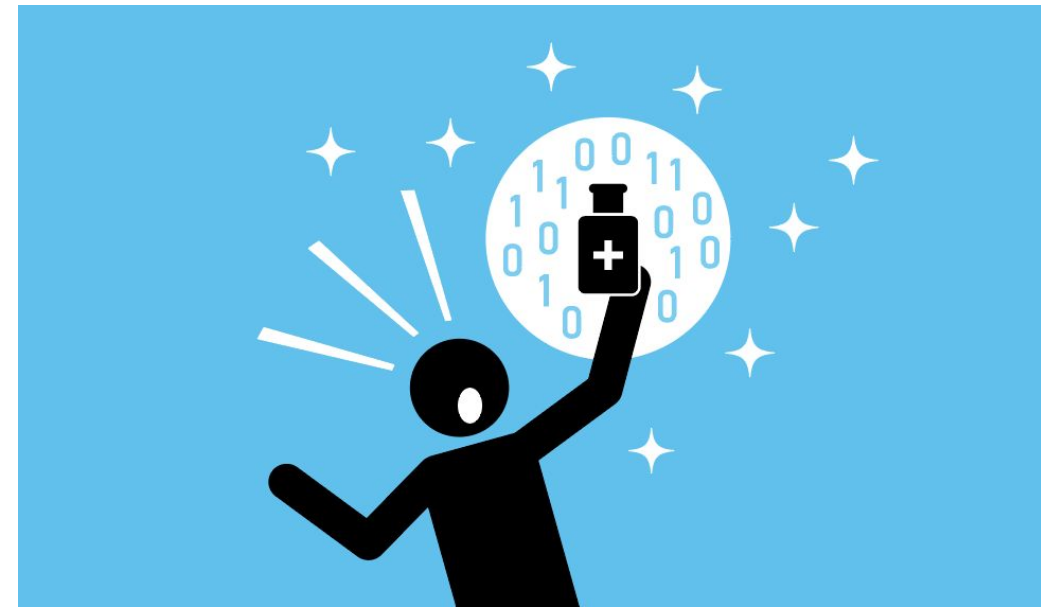
# DATA SOVEREIGNTY



DIGITAL CHALLENGES TO  
**TERRITORY-BASED  
SOVEREIGNTY**



DATA SOVEREIGNTY IS PADDLED AS A  
**PANACEA TO MANY CONCERNS**



IMPLEMENTATION  
**PITFALLS**



DEALING WITH  
**MULTIPLE JURISDICTIONS**

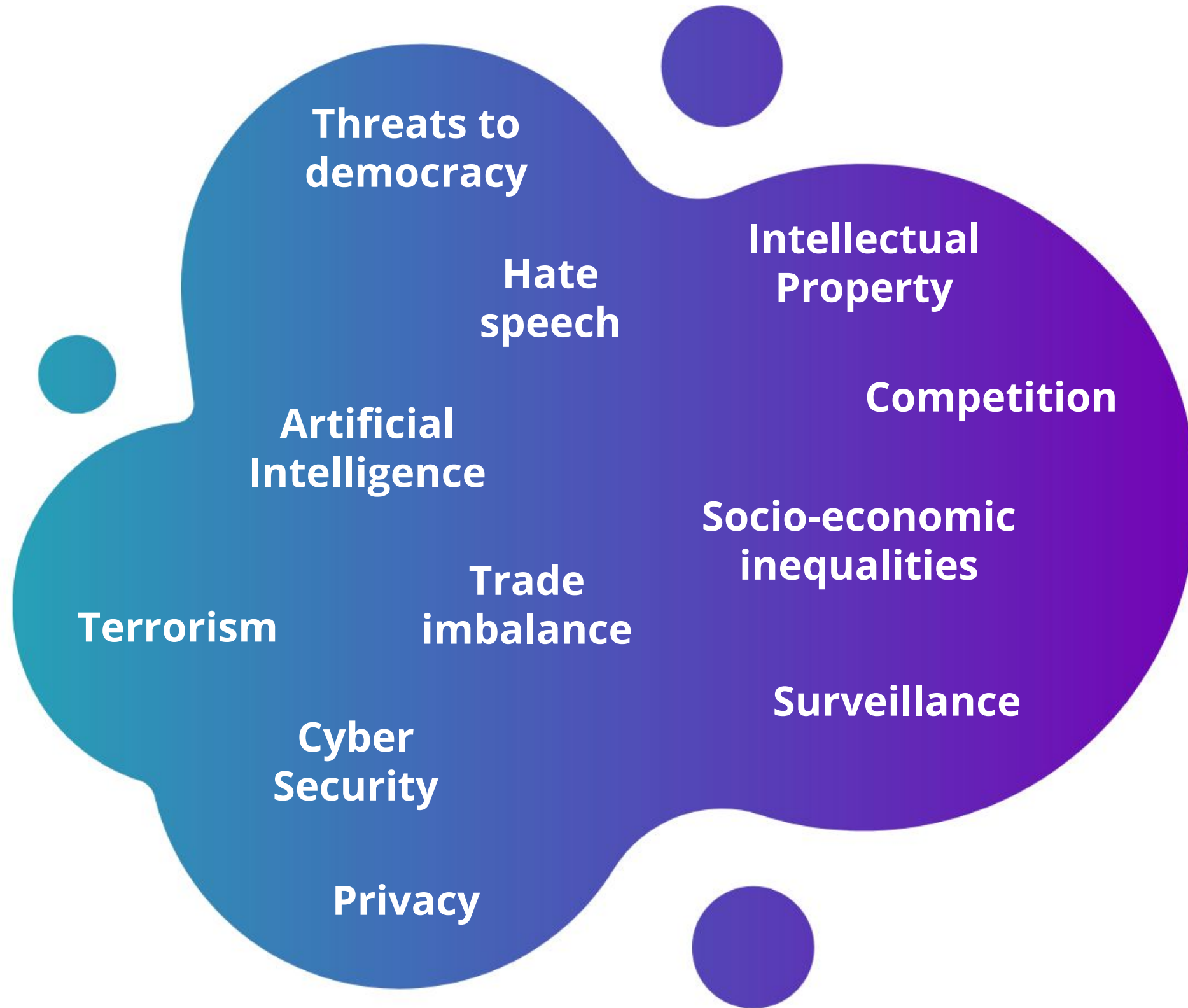




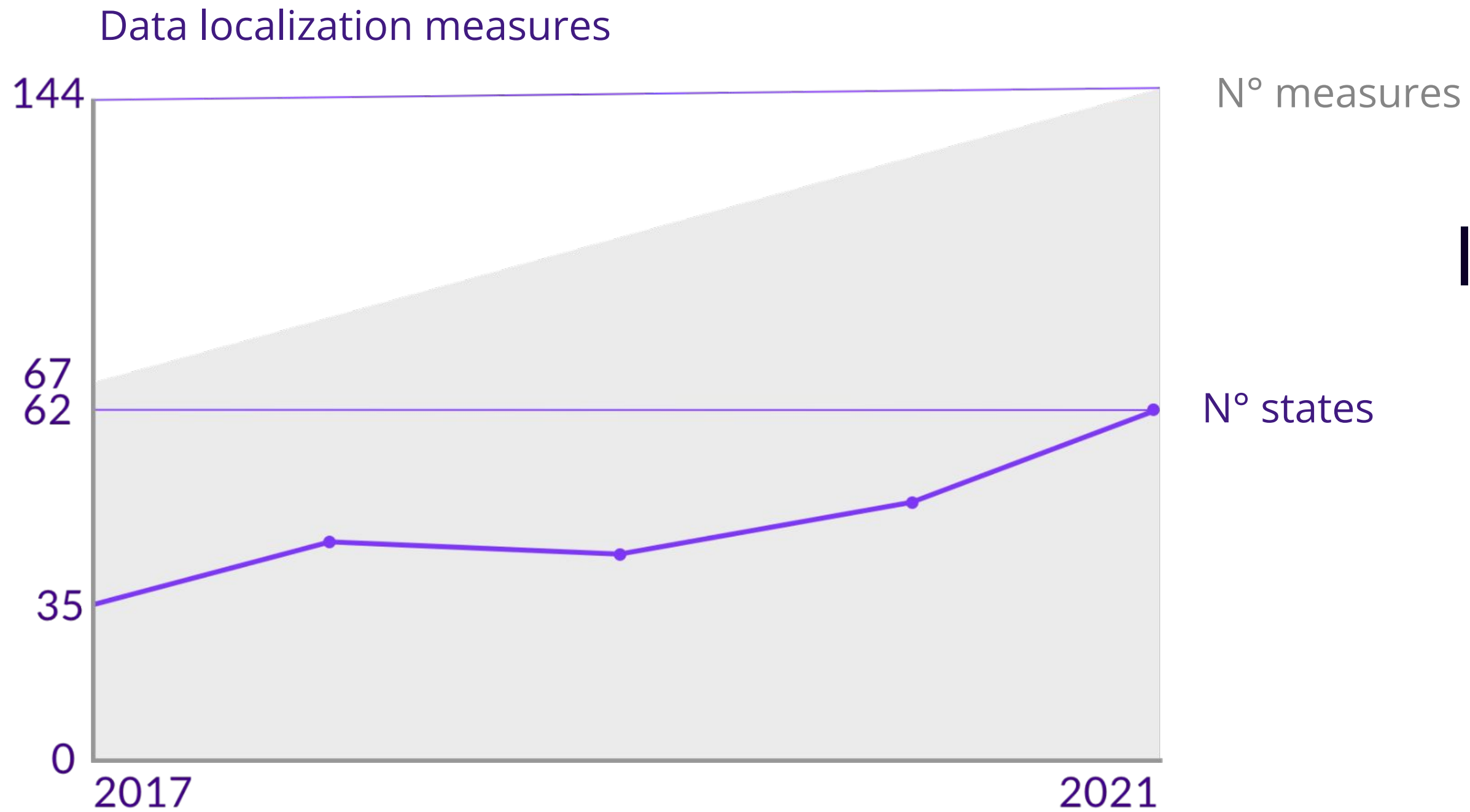


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# BEYOND THE DICHOTOMY



There is a widespread fear of losing control of the trajectory of our societies.



Increasing incentives  
for actors to act  
alone

(Cory and Dascoli, 2021)

The various issues are addressed in separate silos and the patchwork of uncoordinated actions creates more problems than it solves.





“Existing institutional frameworks at the international level are **not fit for purpose** to address the specific characteristics and needs of global data governance”

(UNCTAD, 2021)

# A GLOBAL MULTI-STAKEHOLDER DEBATE ACROSS SECTORS

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- Discussing the future of cross-border data flows cannot be limited to just a few countries
- The characteristics of data, its collection, processing and use, need to be socialized
- Designing, developing and implementing any approach must involve all stakeholders, not only states
- The discussion about data, conducted today in policy silos, should be more cross-sectoral

# A NUANCED DISCUSSION AND COMMON OBJECTIVES

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## A novel and complex issue

- Unusual characteristics of data
- Diversity of uses across all sectors
- Numerous norm-setters involved

## Common objectives to guide efforts

- Maximizing the wellbeing of everyone
- Addressing concrete issues
- Defining the distribution of responsibilities

## Caution is needed

- Use analogies carefully
- Be mindful of legitimate concerns
- Look out for implementation pitfalls

# EXPLORING AND FOSTERING INNOVATIVE APPROACHES

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## **New tools**

- Technical solutions
- Normative frameworks
- Concepts

## **Governance innovation**

- Enable experimentation
- Ensure that frameworks are future-proof
- Enable interactions and bridge silos





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# WE NEED A CHANGE OF PERSPECTIVE



**There is a need for a more  
systemic, innovative, and  
positive approach**

Leveraging the concept of  
**the Datasphere**

The complex system encompassing all types of data and their dynamic interactions with human groups and norms.

**DATASETS**

**HUMAN  
GROUPS**

**SPHERE**

**NORMS**



We are missing the vocabulary, frameworks and instruments to deal data through a holistic perspective.





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# DATASPHERE INITIATIVE



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## **VISION**

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A collaboratively  
governed Datasphere

## **MISSION**

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Build agile frameworks  
to responsibly unlock  
the value of data for all



# DATASPHERE INITIATIVE

Flexible and  
iterative

More than just  
regulation

Risk management  
and balances

Sharing and  
opening up

## Agile Frameworks to Responsibly Unlock the Value of Data for All

Economic but also  
social value

Personal and  
non-personal data

Addressing  
digital inequalities

# NEW, HOLISTIC & POSITIVE APPROACH

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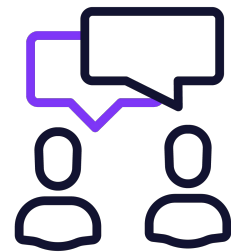
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- Fostering coordination to bridge silos
- Complementing existing structures through innovation
- Implementing a multistakeholder approach



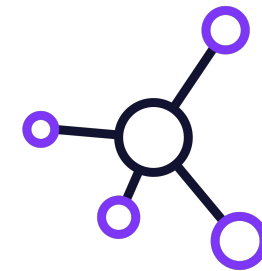
# ACTIVITIES

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## Platform for Dialogue

To foster global, regional, cross-sectoral, and multistakeholder dialogue around data and the governance of the Datasphere.



## Intelligence Hub

To gather evidence on concrete challenges, identify innovative data governance practices and translate technical data issues into actionable outcomes.



## Lab for Innovation

To provide a collective space to showcase and experiment with innovations in governance frameworks and technical solutions.

# PLATFORM FOR DIALOGUE

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Tackling imbalances through capacity building and inclusive debate with the global south to properly frame the debate on data governance.

Africa Dialogue

Europe Dialogue

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## INFORM

Increase awareness of data opportunities and challenges across regions.

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## ADVISE

Develop capacity-building programs with regional partners.

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## INNOVATE

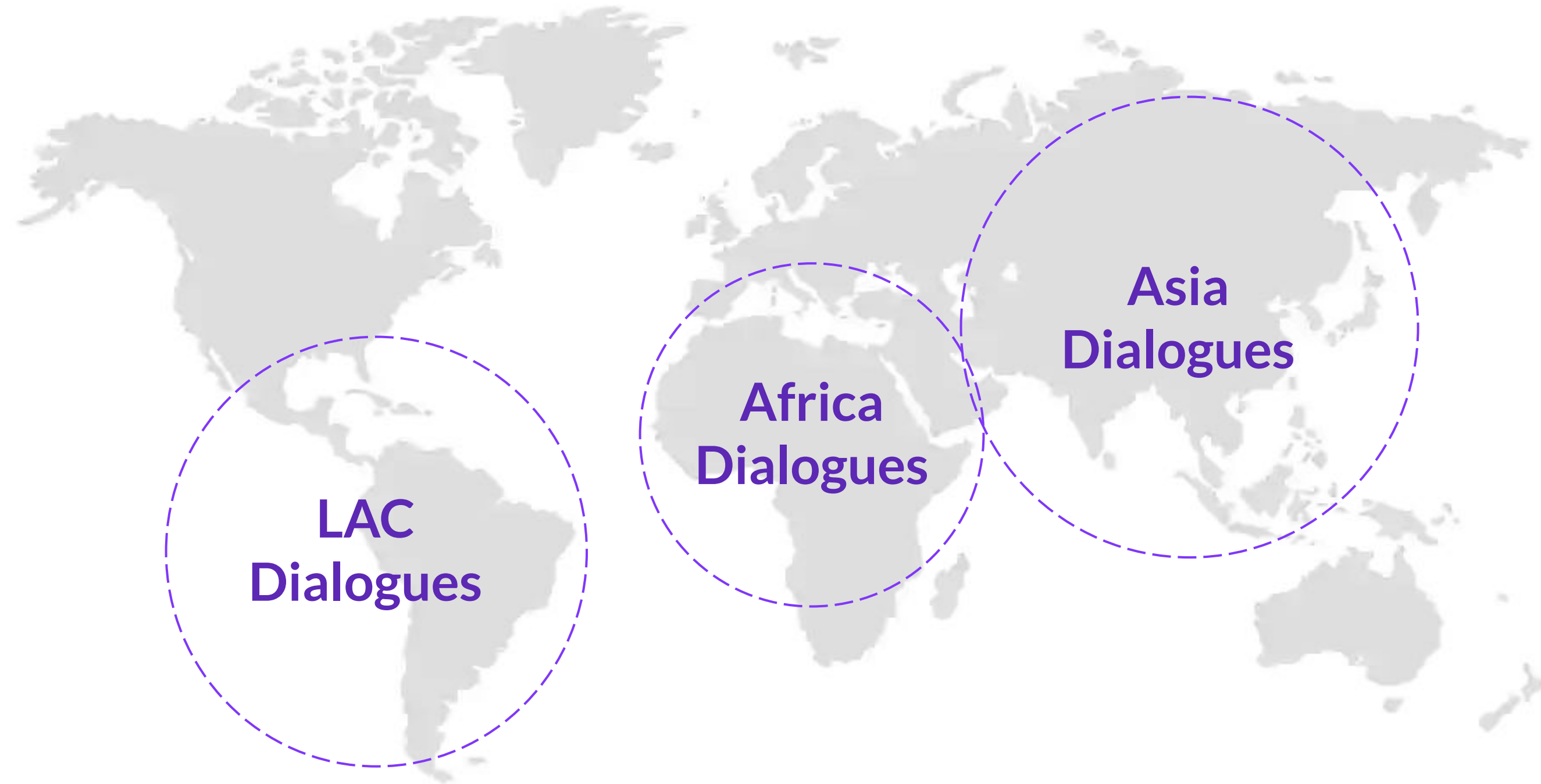
Identify real-world challenges that can be addressed by data and innovative data governance frameworks.

# REGIONAL ACTIVITIES

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# INTELLIGENCE HUB

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Addressing knowledge gaps and sectoral silos by providing actionable evidence on data governance across sectors.

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## MAP

Map the relevant actors, policy processes, innovative approaches, concepts, and trends on data governance.

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## DEVELOP

Develop holistic analytical and measurement frameworks for the Datasphere.

Datasphere Governance  
Atlas

Fellowship Program

Mapping the  
Datasphere

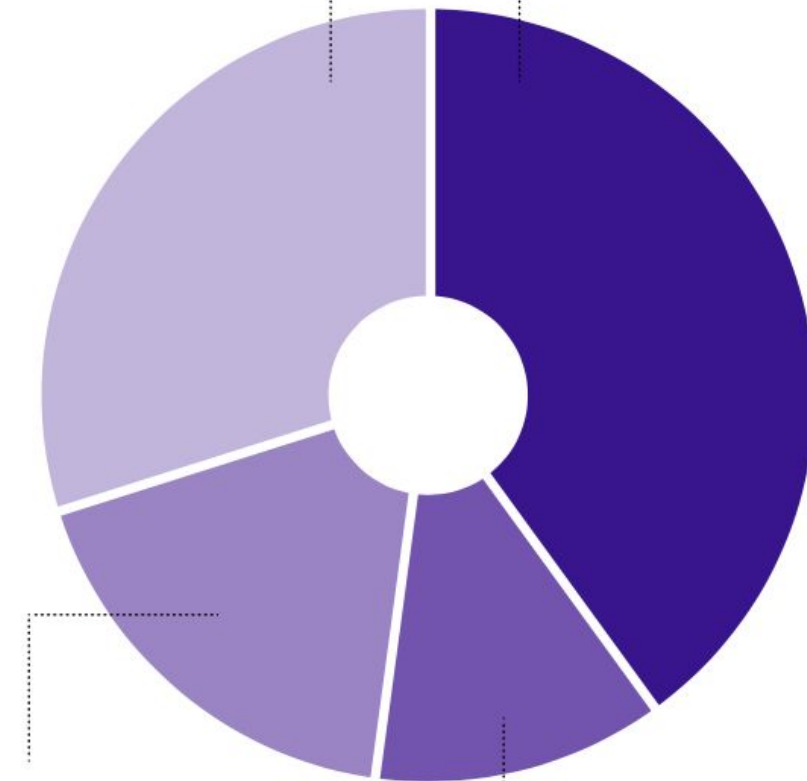
# DATASPHERE GOVERNANCE ATLAS

## Objectives of organizations

200+  
Organizations

29.1%  
Data Repository

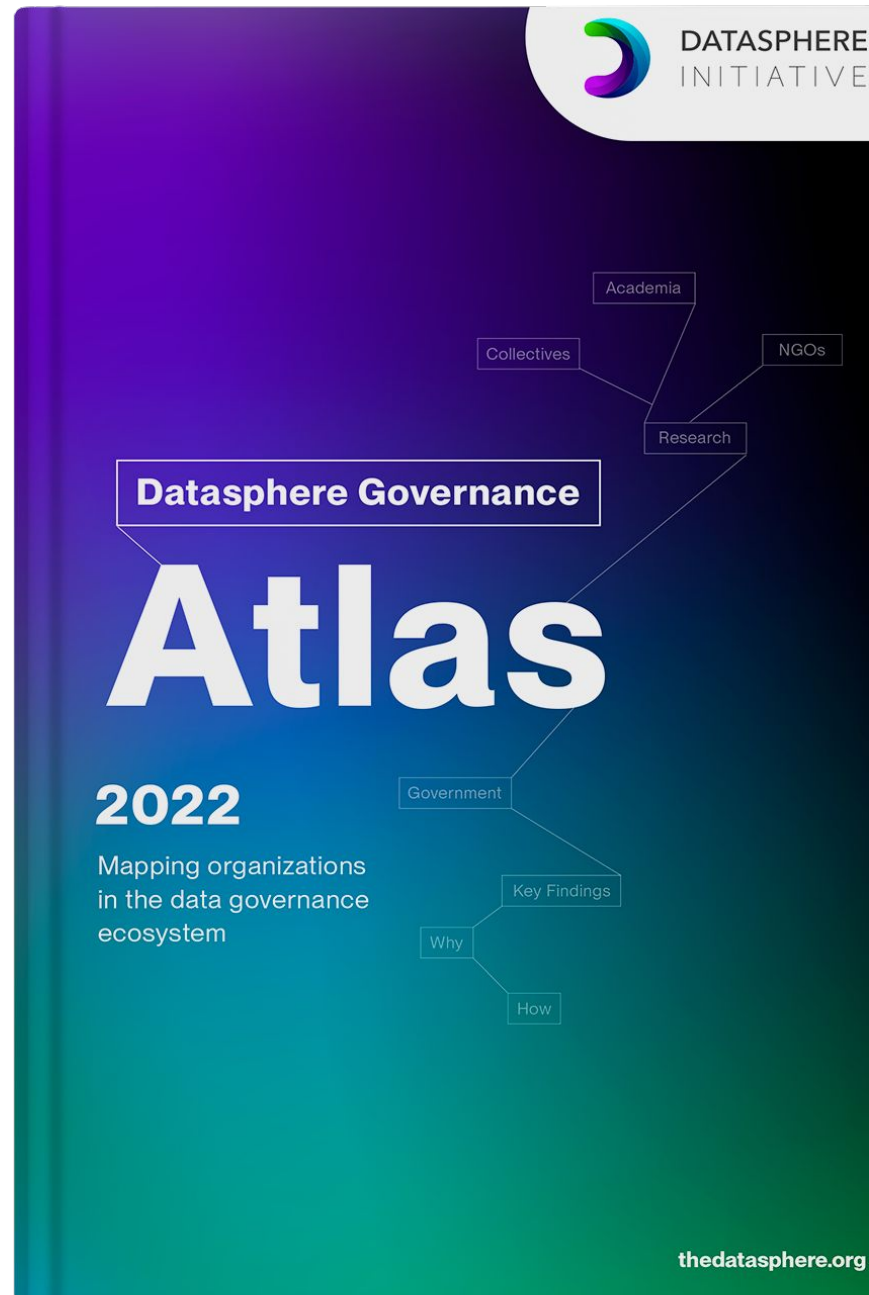
40.5%  
Data Governance



18.6%  
Socio-Economic  
Development

11.8%  
Trust

Source: Datasphere Governance Atlas Database (March 2022)



# LAB FOR INNOVATION

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Designing and testing innovative governance frameworks and technical solutions.

Data Sandboxes

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## CONNECT

Provide a platform allowing actors with diverse points of view and experiences to explore and build interoperable solutions bridging normative efforts with the related technological layers.

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## EXPLORE

Organize showcasing events, brainstorming and hackathon sessions, and dedicated working groups, to explore innovative concepts, technical tools and policy frameworks.

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## IMPLEMENT

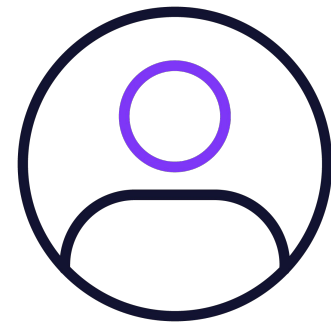
Build upon the outcomes of the Dialogue and Intelligence Programs, iteratively feeding back into them the results of its investigations.

# SANDBOXES FOR DATA



# JOIN US

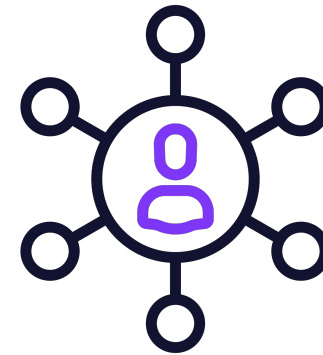
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## Friends of the DataspHERE

### For Individuals

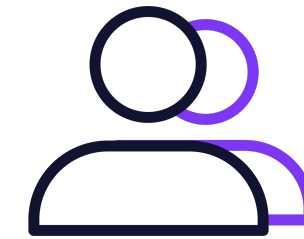
You believe in the vision, mission, and values of the DataspHERE Initiative and would like to share your knowledge.



## DataspHERE Project Partners

### Public, private, non-profit, multilateral organizations

You would like to provide a specific financial relevant in-kind contribution to a DataspHERE Initiative project or output.



## DataspHERE Institutional Partners

### For organizations

You are interested in contributing strategically with organization-wide funding or in-kind support to core activities.



# FOLLOW US & SHARE YOUR NEWS

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## DATASPHERE



New in the  
DataspHERE  
Initiative



Initiatives to  
watch



What we are  
reading



Opportunities  
to engage



Dates for  
the diary



Job  
opportunities



[www.thedatasphere.org/newsletter](http://www.thedatasphere.org/newsletter)

# THANK YOU!

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