



Ecologic Institute

Science and Policy
for a Sustainable World

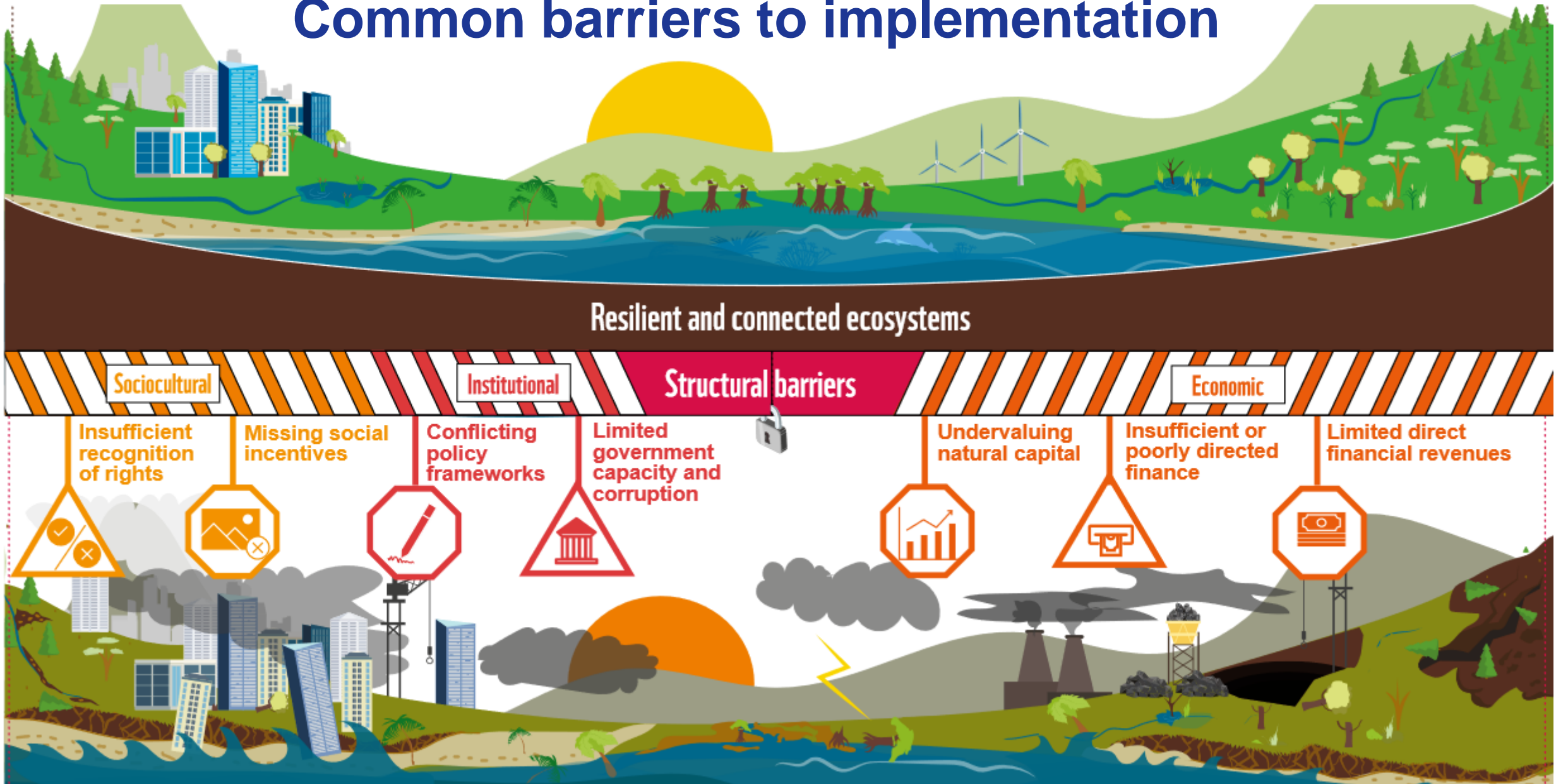
Creating enabling conditions for ecosystem restoration: Tools and guidelines for local impact

McKenna Davis

Ecologic Institute

BfN Making People Part of Ecosystem Restoration – 18 October 2023

Common barriers to implementation



Potential enabling factors



Resilient and connected ecosystems

Systemic Enablers

Integrated Social and Economic Policy Framework

Inclusive Governance

Smart Spatial Planning

Progressive Economic and Financial Regulation

Policy Levers

Policy Levers

Policy Levers



Legal rights



Investing in local institutions



Fair benefit sharing



People-centered planning



Ecological corridors



Climate-smarting



Subsidy reform



Natural capital accounting and beyond income measures



Regulated finance

Sociocultural

Institutional

Structural

barriers

Economic

Insufficient recognition of rights

Missing social incentives

Conflicting policy frameworks

Limited government capacity and corruption

Undervaluing natural capital

Insufficient or poorly directed finance

Limited direct financial revenues

Systemic enablers

Where does this leave us?

- Making people a part of nature restoration is not just an ecological endeavor, but a *social, cultural, and economic* one
- Need a holistic framework for ecosystem restoration going beyond rehabilitating landscapes and fostering a sense of *shared purpose, responsibility and well-being*
- Requires *transdisciplinarity* and *inclusivity* in research and practice to address gaps, gain acceptance and move beyond traditional siloed approaches, e.g.
 - *co-created* and *user-driven* tools, guidelines, approaches, principles, ...

From ambition to action

Tools for more inclusive planning
and implementation

Urban Governance Atlas (UGA)

A collection of more than **250 policy instruments** supporting nature-based solutions and ecosystem restoration



EN ES

Welcome to the Urban Governance Atlas

A collection of more than 250 good practice policy instruments supporting nature-based solutions and ecosystem restoration.

[Download our guidance on how to enter a policy instrument](#)

Enter search terms

Country City

REGION - Any - TARGETED URBAN AREA - Any -

TYPE OF INSTRUMENT INITIATING BODY

CHALLENGES ADDRESSED

RESET ALL APPLY

Displaying 1 - 250 of 250

Aims to:

- Foster **ecologically coherent, inclusive planning** for urban ecosystem restoration and green space planning
- **Inspire global action** through good practice instruments, including lessons learned
- Represent **diverse contexts** (institutional/geographic) – **bottom up & top down**
- Embrace a **collaborative design and development** process

For example...

CHALLENGES ADDRESSED



Water management
Watershed restoration/water quality
Flood risk / soil permeability

Legislative, regulatory, and strategic



Blue Deal - Flanders

The Blue Deal is a voluntary action plan of the Flemish government in Belgium to combat water scarcity and drought. The main objective is...

Economic & fiscal



Tax for stormwater and meltwater - Rumia

In response to the growing problem of local floods and an overloaded sewerage system, the municipality of Rumia in Poland introduced a tax...

Agreement-based or cooperative



River Congost River Stewardship Agreement between the Catalan Water Agency and the City Councils of Canovelles, Les Franqueses del Vallès and Granollers.

The River Stewardship Agreement is a regional cooperation agreement that formalizes the collaboration between the Catalan Water Agency and...

Knowledge, communication & innovation



Calculation tool for water storage solutions - Eindhoven

The city of Eindhoven in the Netherlands provides all building projects with a digital calculation tool to calculate the amount of storage...



INTERLACE
RESTORING URBAN ECOSYSTEMS
RECUPERANDO ECOSISTEMAS URBANOS

User-driven development: Introducing an agile workflow

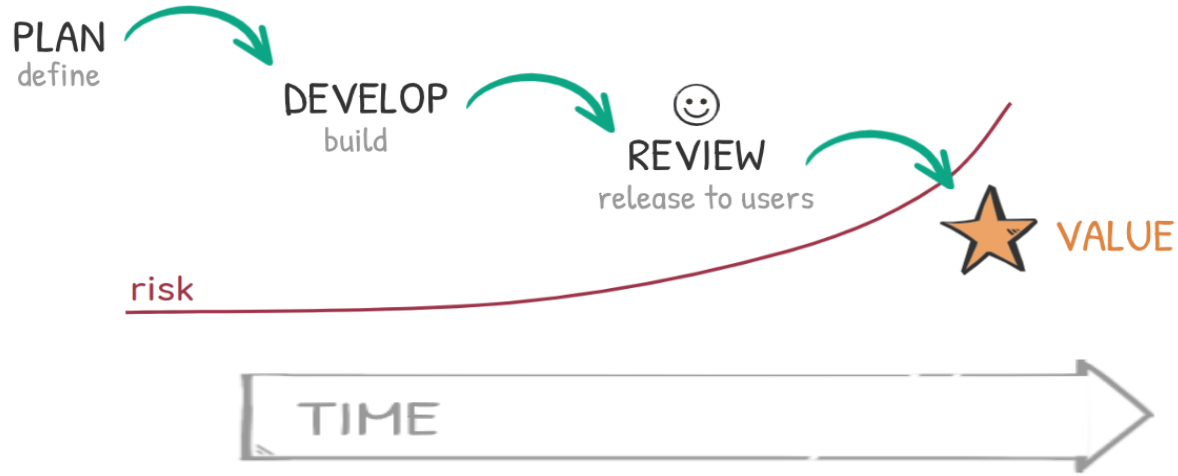
interlace-project.eu



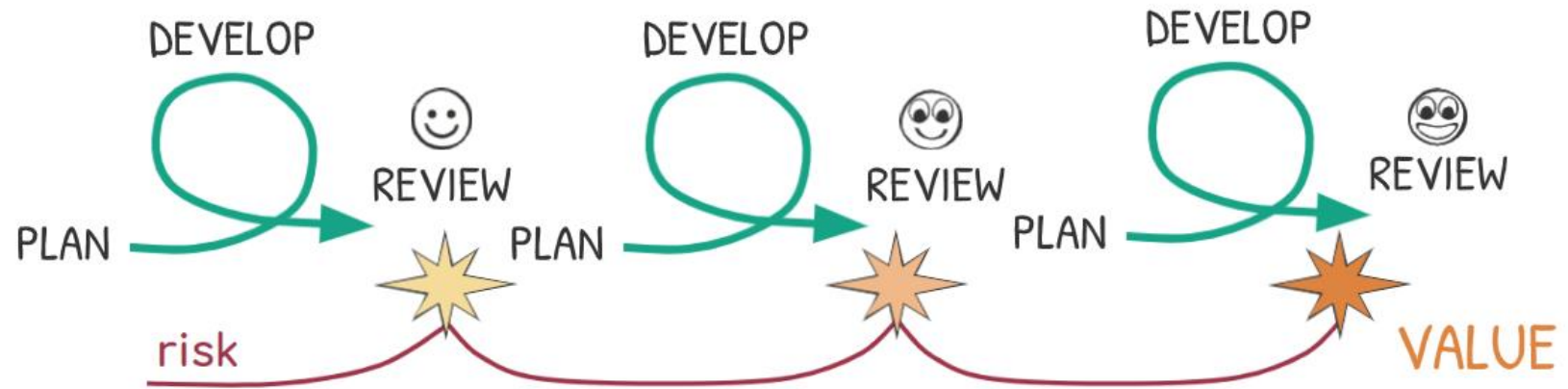
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 887396.



Traditional project approach

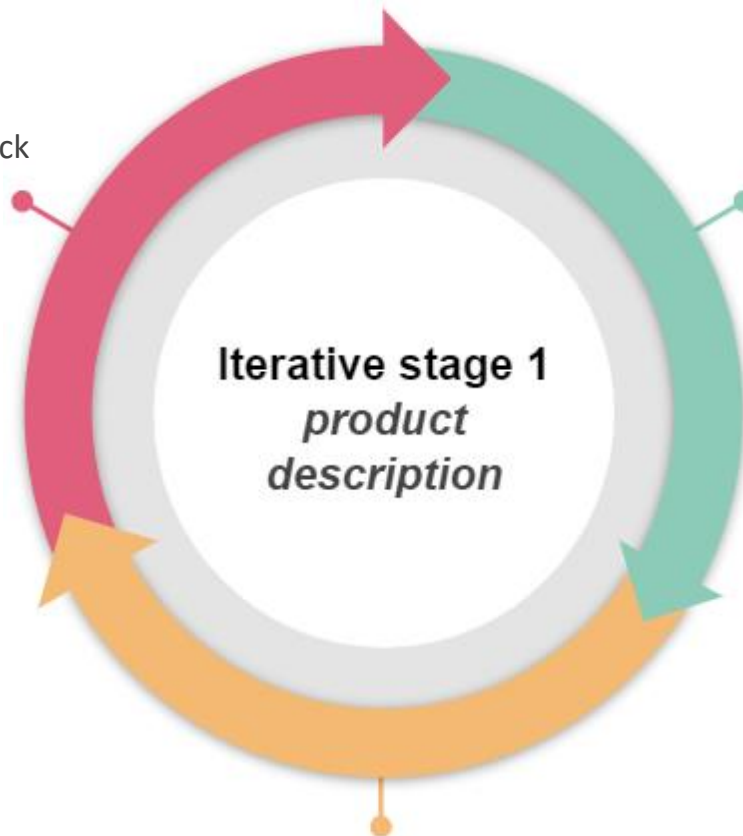


Agile project approach



REVIEW get user feedback

- Engage users on product vision and user stories
- Discuss product stages



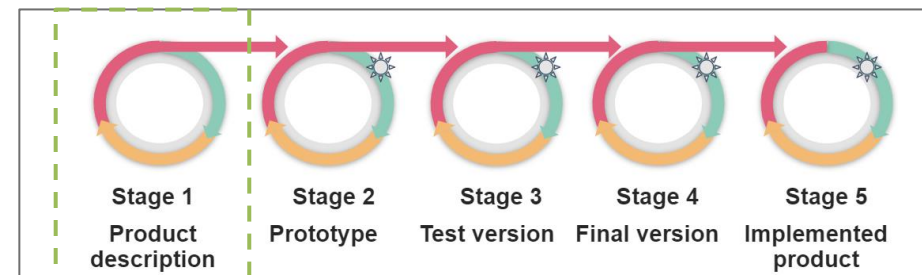
PLAN Organize what to do in this stage

- ✓ - Define your product vision
- ✓ - Identify its main user(s)
- ✓ - Formalize at least one user story
- ✓ - Estimate your product development stages
- ✓ - Engage your user(s)



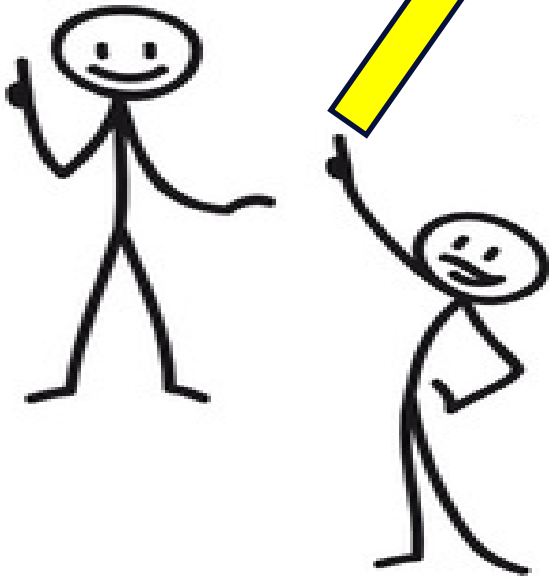
DEVELOP activities carried out during the stage

- Discuss and finetune product vision
- Derive first product requirements in a user story format
- Identify users (profiles)
- Agree on a meeting strategy



Agile in practice:

Opportunities for input to the Urban Governance Atlas



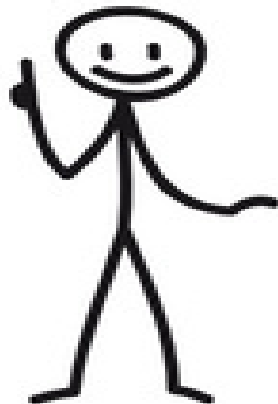
- Ambition and objectives to be addressed (*,user stories‘*)
- Typology of policy instruments & selection of good practice criteria
- Type of information to be included per instrument
 - e.g. lessons learned
- Identification and entry of policy instruments
- User interface
 - e.g. search criteria, prioritisation, design elements
- Promotion, use and analysis of contents

Step 1: Defining the scope and objectives

User requirements = user stories

Who is the user? **What** do they need? And for what purpose (the **'why'**)?

*"As an urban planner, I need a section in the Atlas dedicated to **examples of financing approaches** for Nature-Based Solutions in cities, to get familiarized with funding opportunities for NbS projects."*



*"As a citizen group, I need a section in the Atlas that includes **stakeholders sharing their story and lessons learned**. This serves as a source of inspiration and motivation, and helps me learn what worked well or not so well."*

*"As a researcher, I need the **contact details** of the person / organisation that developed the best practice, to be able to establish new partnerships and ask specific details on the process."*

*"As an advisor to the local mayor, I need a **classification of the NbS practices according to the user group**, including different narratives and levels of depth of knowledge. This will enable to make the knowledge available to a bigger audience, and different stakeholders can benefit from the Atlas."*



Selecting criteria for ,good practice‘ policy instruments



Inclusivity



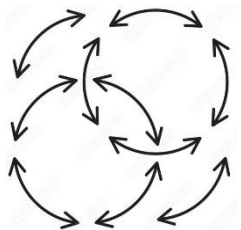
Long-term sustainability



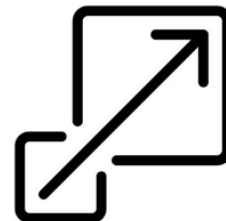
Effectiveness



Locally appropriate



Multifunctionality



Upscalability /
replicability

The result in a nutshell...

250
good practice
policy
instruments

Co-created by more than
48
organisations

Featuring examples from
41
countries

Available in
& English Spanish

Urban Governance Atlas

A collection of more than **250 policy instruments** supporting nature-based solutions and ecosystem restoration

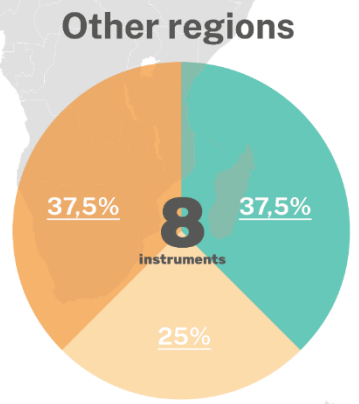
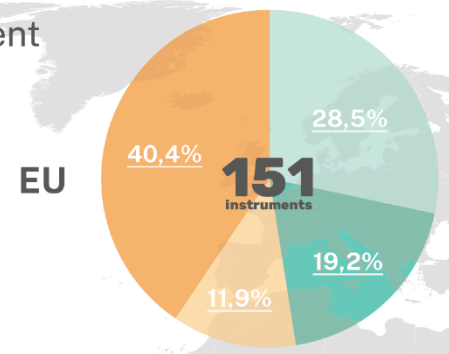
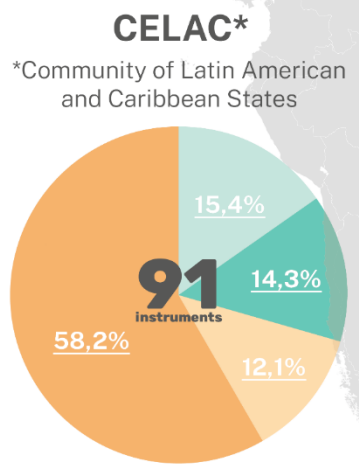
→ **4** instrument types:

1  **Legislative, regulatory, strategic instruments:**
usually binding laws and regulations as well as strategies that set visions and strategic goals – overall: **47% of all instruments.**

2  **Agreement-based or cooperative instruments:**
instruments in which the government and/or involved actors jointly and on a voluntary basis decide to behave in a certain way – overall: **23% of all instruments.**

3  **Economic and fiscal instruments:**
instruments that influence market mechanisms through for instance disincentives, incentives, payments, subsidies, financing mechanisms and market-based instruments – overall: **18% of all instruments.**

4  **Knowledge, communication and innovation instruments:**
try to influence behavior by disseminating information to actors or involving actors in critical processes in innovative ways to inspire voluntary behavioral changes – overall: **12% of all instruments.**



Find out more about the methodology, findings, and how to contribute a new policy instrument at:

<https://www.interlace-project.eu/>
<https://interlace-hub.com/>



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Thank you!

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Guidance on agile workflow



Urban Governance Atlas



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