

EU Missions for Climate by 2030 Climate-Neutral and Smart Cities & Adaptation

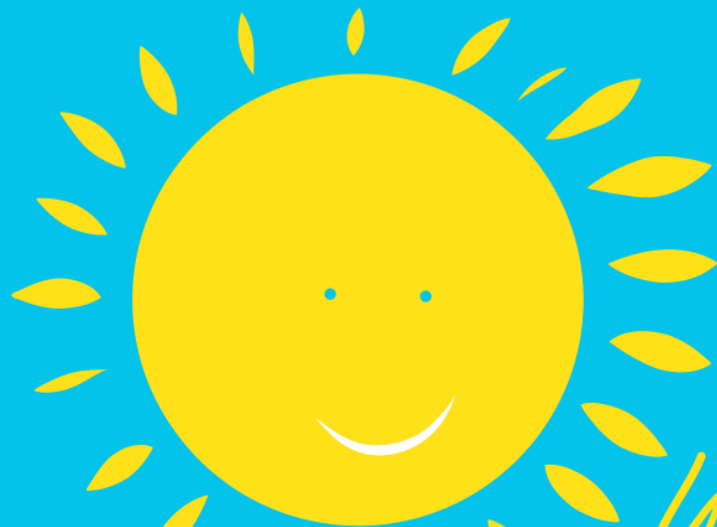
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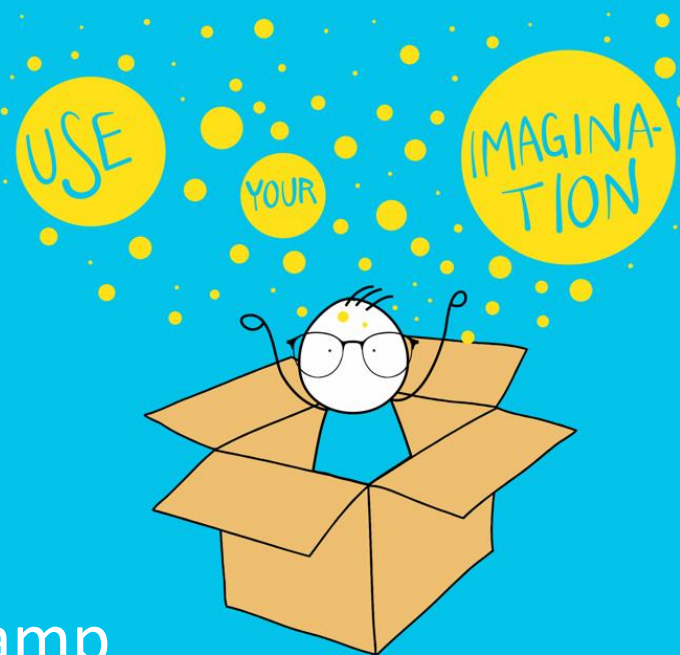
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University of Vaasa





Welcome

JOY
TOGETHER



@Innovation camp





29 September 2021



28 April 2022

Concrete solutions for our greatest challenges

CHALLENGES

- Climate change is an immediate threat to our **health, economy** and **way of life**.
- We are experiencing increased floods, hurricanes, forest fires, heatwaves and droughts.
- In the EU, the impact of climate change already costs at least **€12 billion per year**.

OPPORTUNITIES

- Be prepared for inevitable changes and extreme events;
- Share experiences and solutions;
- Prevent significant economic losses.

GOAL

Support at least **150 European regions and communities** to become climate resilient by 2030

ACTIONS

- The Horizon Europe programme will provide **€368.3 million** in seed funding during the period 2021-23 to help deliver on the mission;
- Establish a **Mission Implementation Platform** to support and coordinate delivering the mission and assist participating regions;
- The mission will **start working with 60-100 regions** between 2021-23, and continue with another 50-100 regions.

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MEET THE CITIES

OBJECTIVES OF THE EU CITIES MISSION

- 100 **climate-neutral** and **smart cities** by 2030
- Ensure that these cities act as **experimentation and innovation hubs** to put all European cities in a position to become climate-neutral by 2050

SELECTED CITIES

- 100 EU cities
- 12 cities from countries associated to Horizon Europe, the EU's research and innovation programme (2021-2027).



Cities from every Member State



Capital cities



Small, medium, large cities



Frontrunners and less prepared cities

BENEFITS FOR CITIES

- Tailor-made advice and assistance** from the Mission Platform (managed by the [NetZeroCities](#) consortium)
- Unlocking additional **funding and financing opportunities** through a Mission label
- Research & innovation funding opportunities** for cities to join large innovation actions, pilot projects and demonstrations (total budget from Horizon Europe for 2021-2023 is €360 million)
- Support through a national **coordination network**
- Networking opportunities, **learning and exchange of experiences** among cities
- Support with **involving citizens in decision-making**
- High visibility** – raised political profile and **attractiveness** for investment and skilled workers



EU CITIES

PRI – Cities 4.0 extended

- **Background for Partnerships**

- 100 Climate City Mission Cities, separate Horizon project on Innovation ecosystem
- Different geographical scope, similar interest with European priorities, directionality, objectives, governance, funding sources
- Critical analysis and test of the PRI Playbook & tools: improve the tools, collect good practices
- From 'innovation ecosystem' mapping to 'socio-ecological system mapping'
- Peer-to-peer learning through interregional collaboration
- Acceleration and exchange forum
- Ambassadors

- **How to make it happen ?**

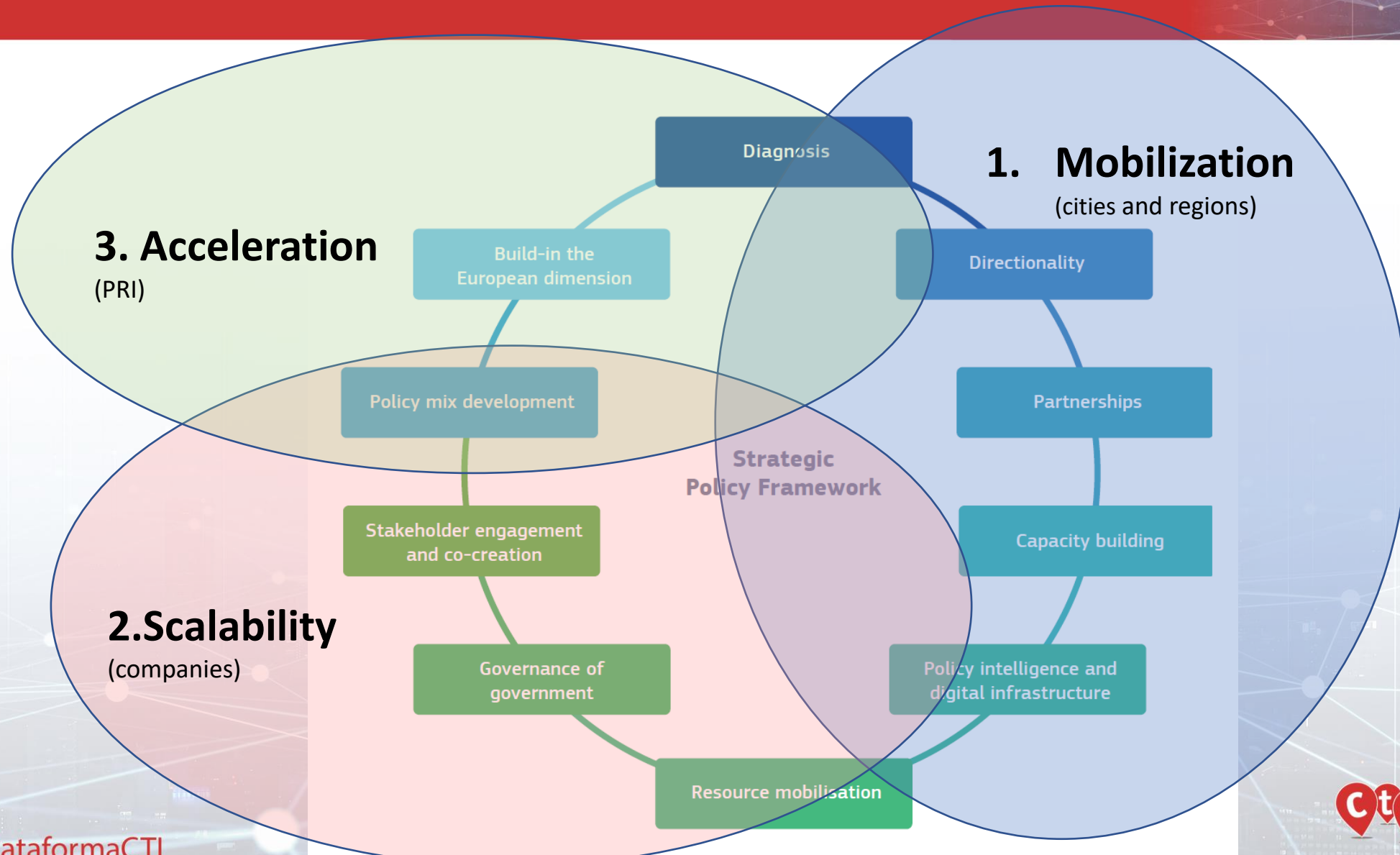
- PRI Pilot: Mobilize, Scale, Accelerate
- PRI as a lever for transition projects & governance
- PRI to activate innovation ecosystem and climate transition
- Stakeholder model – make it operational
- Interregional collaboration – joint funding – Deep tech Valleys
- Stakeholders' collaboration in the relevant European calls

- **Learnings and next steps**

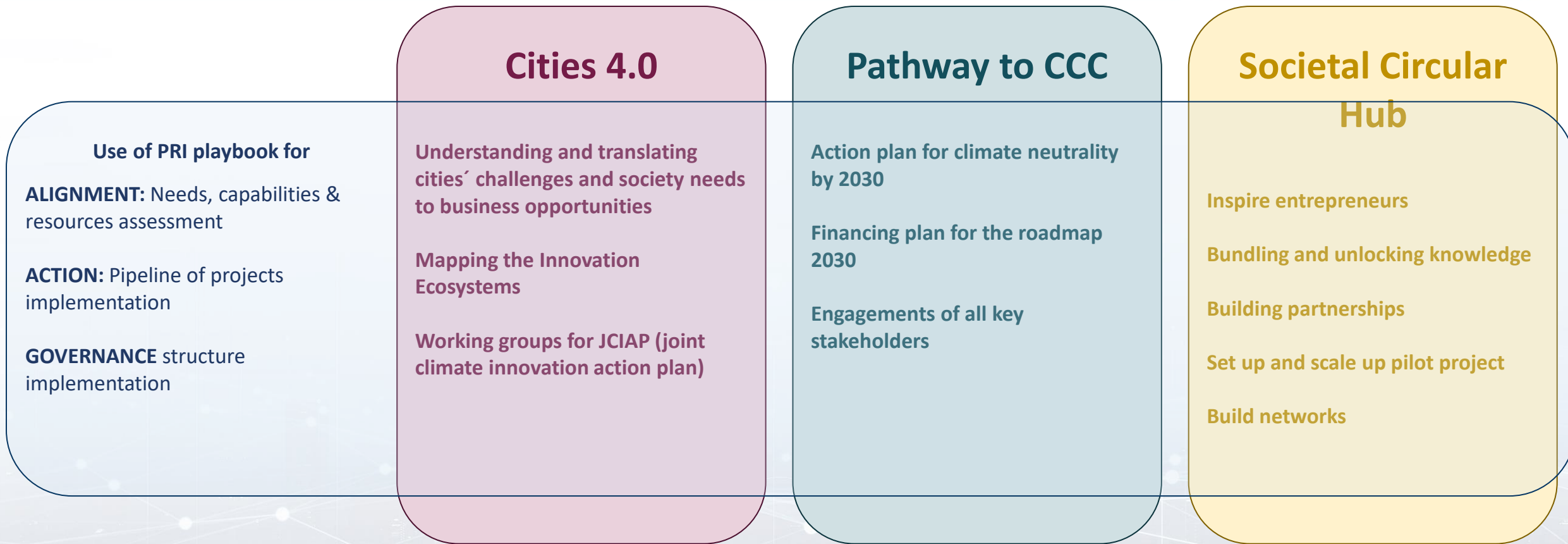
- Eindhoven (NL)
- Espoo (FI)
- Leuven (BE)
- Turku (FI)
- Bologna (IT)
- Cluj-Napoca (RO)



PRI Pilot: Mobilize, Scale, Accelerate



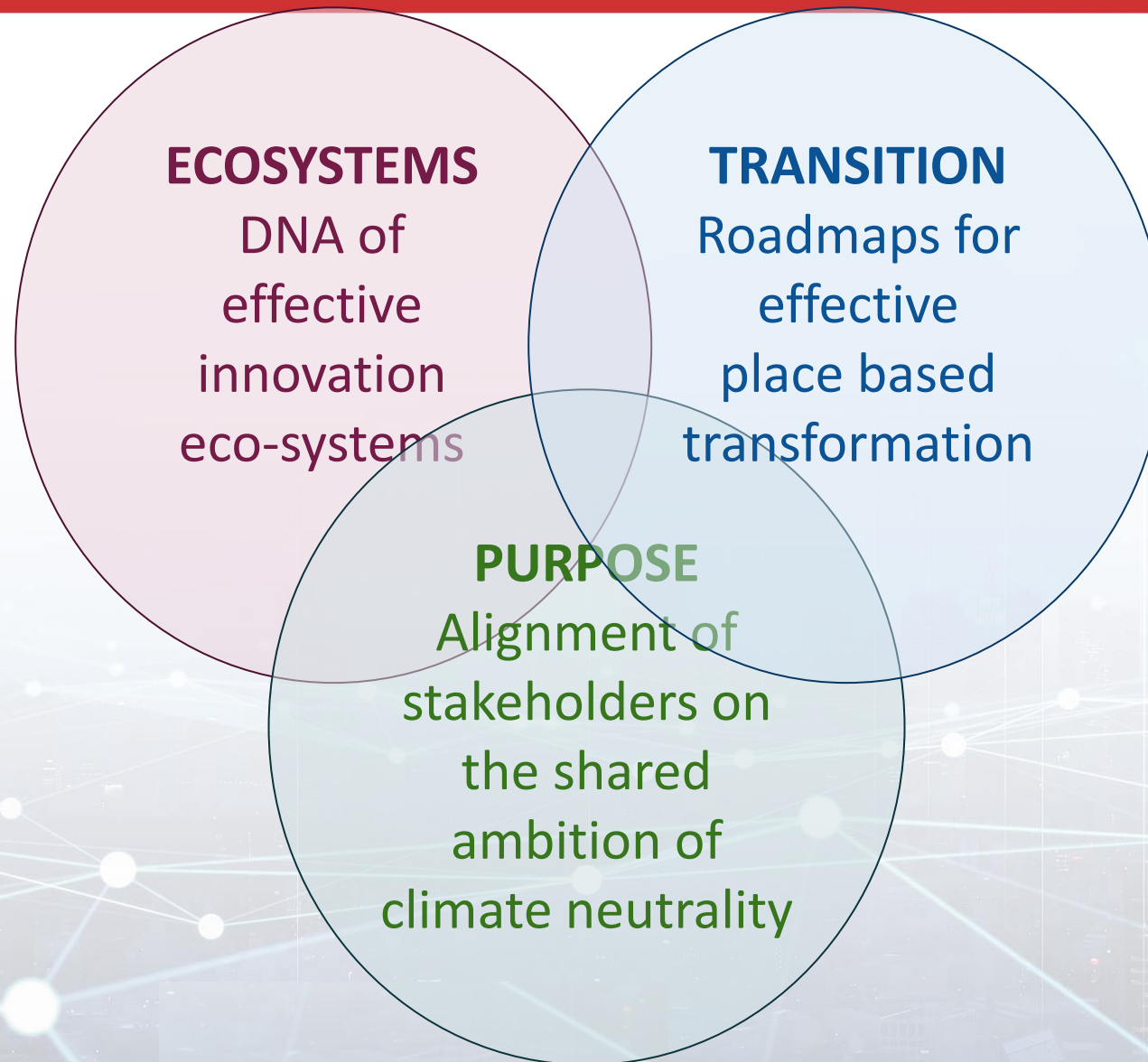
PRI as a lever for transition projects & governance



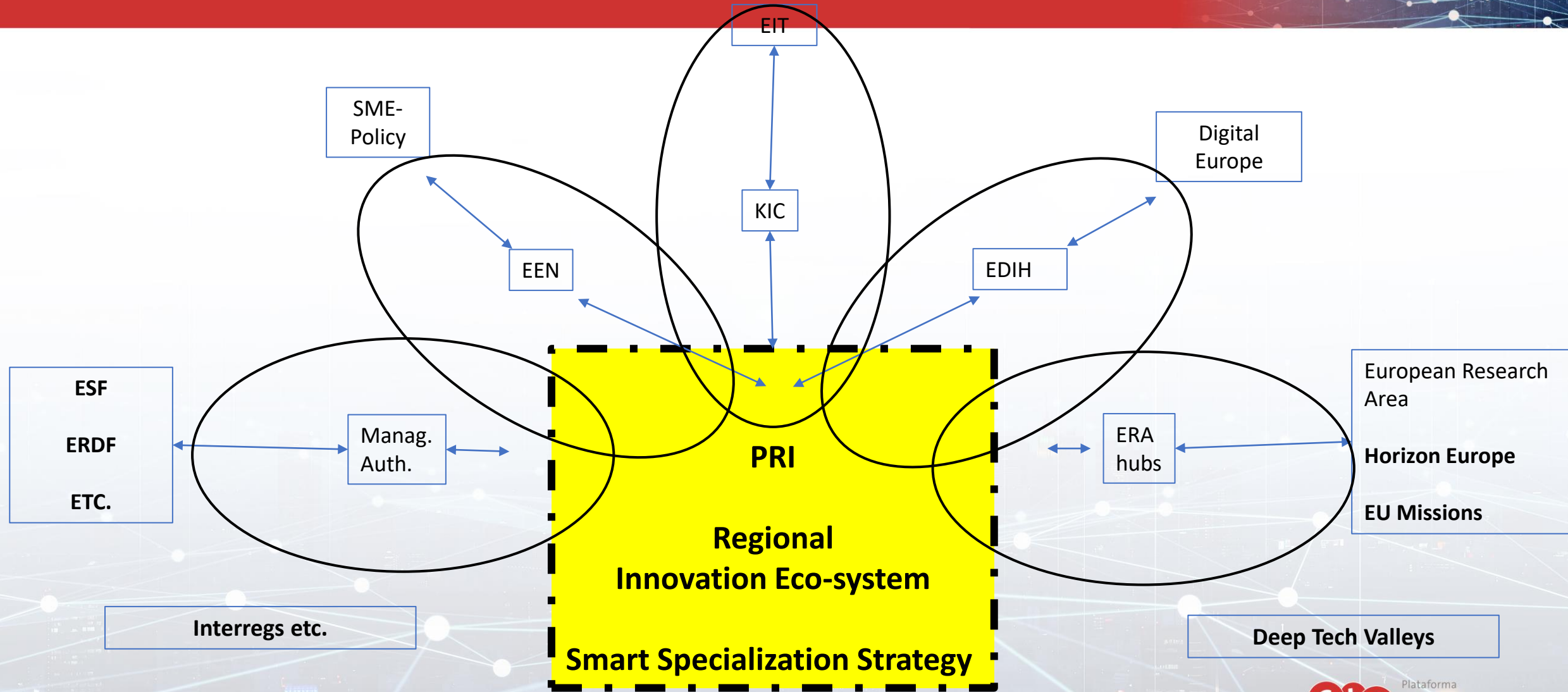
Common goal – shared challenges

Activate local innovation ecosystem on the sustainability ambition

PRI to activate innovation ecosystem and climate transition roadmaps

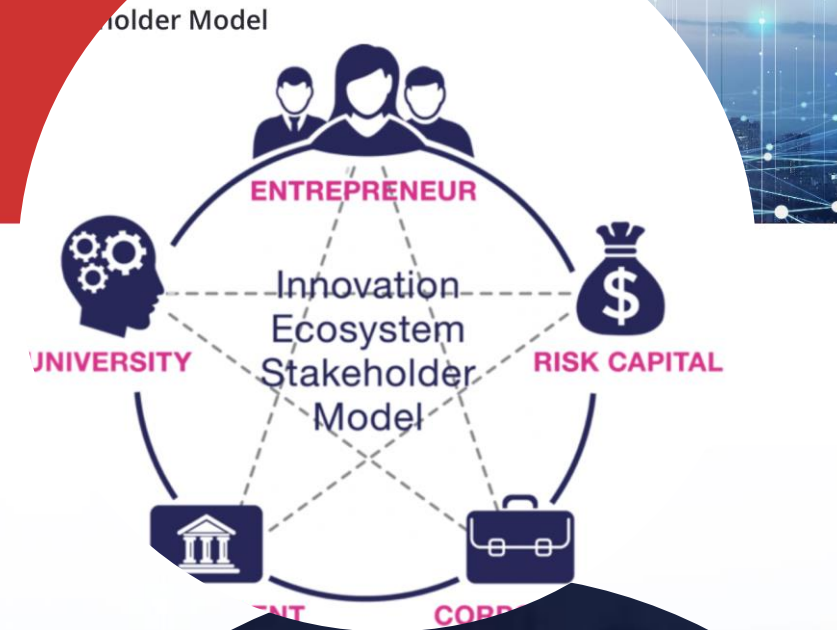


PRI: Interregional funding mechanisms – how to fund



Lessons learned and next steps

- **Grand societal challenges:** Europe is not any more the same as it was a half year ago.
- **Systematic approach & bottom-up** will have an increasing role in all global activities: new structures, processes and methods.
- **New EU practical instruments** are needed to accelerate Green & Digital twinning for transformation to sustainable growth: EU Missions & New European Bauhaus & Innovation Agenda.
- **Societal innovations & entrepreneurship & creativity** are essential.
- **Human capital & Intelligent assets** are critical success factors: individual & team skills and competencies + **bench-learning**.
- **Place-based innovation ecosystems & European partnerships** are the cornerstones.
- **Avoiding Fragmentation:** The only way, that Europe will become the global leader in science, the industrial base, vibrant start-up ecosystems, favourable conditions for innovation, and the talent base.
- **The practical operational work continues with along the strategic line defined, deepening local understanding and commitment and integrating more people locally.**



3-YEAR

CROSS REGIONAL ENGAGEMENT
PROCESS

SMART-UP
BSR:
BALTIC
SEA
REGION

LEARN
HANDSON

INNOVATION
CAMPS

CAPACITY BUILDING FOR REGIONAL
INNOVATION & RIS3 IMPLEMENTATION

BUILD
SOLUTIONS

DYNAMIC

policy & decision-
making

CIRCULAR

ECONOMY

BSR RIS3

DIGITAL-
ISATION IN

SMART
CITY

ENTREPRE-
NEURIAL

ENGAGING

BSR
2040

SMART &
SUSTAINABLE

CLIMATE CHANGE

BSR
BOTTOM-
UP

INNOVATION
& PROCESS
EXPERIMENTATION

26
ASSOCIATE
PARTNERS

9
COUNTRIES

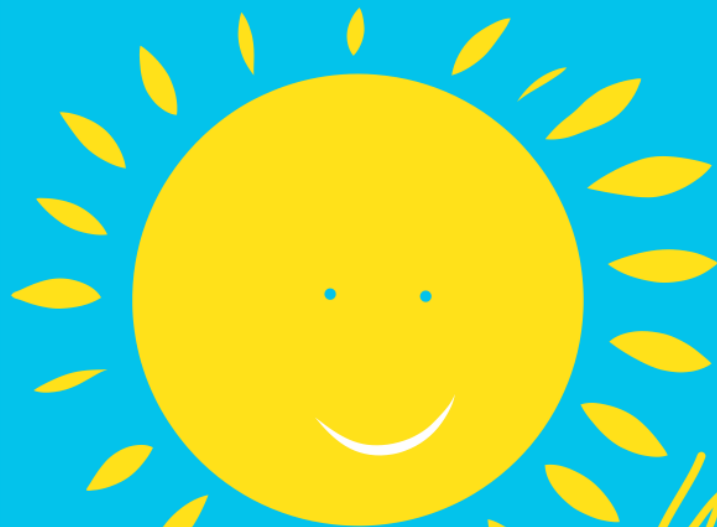
BALTIC
SEA AREA

13
PARTNERS

INCL.
JRC
&
DG REGION

RAQUEL
BENMERGUI

EVIDENCE



Welcome

JOY
TOGETHER



Thank you !
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