

GEO Post-2025: next steps for the GEO Work Programme

PB-24: 6-7 September 2022

Recap: PB-23

ACTIONS

Integrate along EO value chain

Co-design

Indigenous and youth

Identify cross-GEO pilots

NEEDS

Use integration to leverage GEO's convening power

Flexible and non-onerous

Bottom-up

Deep engagement and users to lead

Communications

OPPORTUNITIES

Articulate value

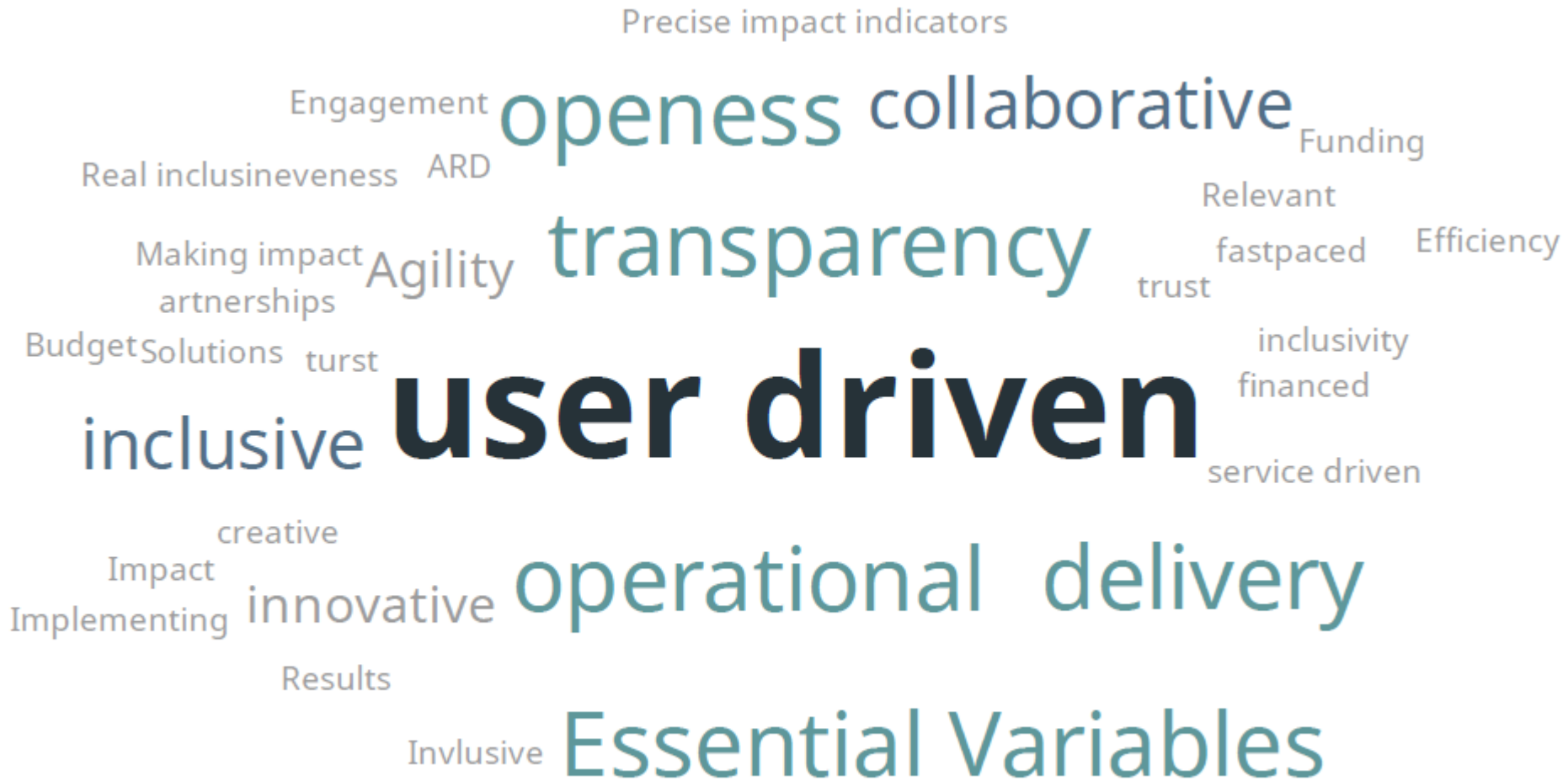
Youth engagement

GEO: place where EO meets user communities

Align to policy frameworks

EO funding in LMICs

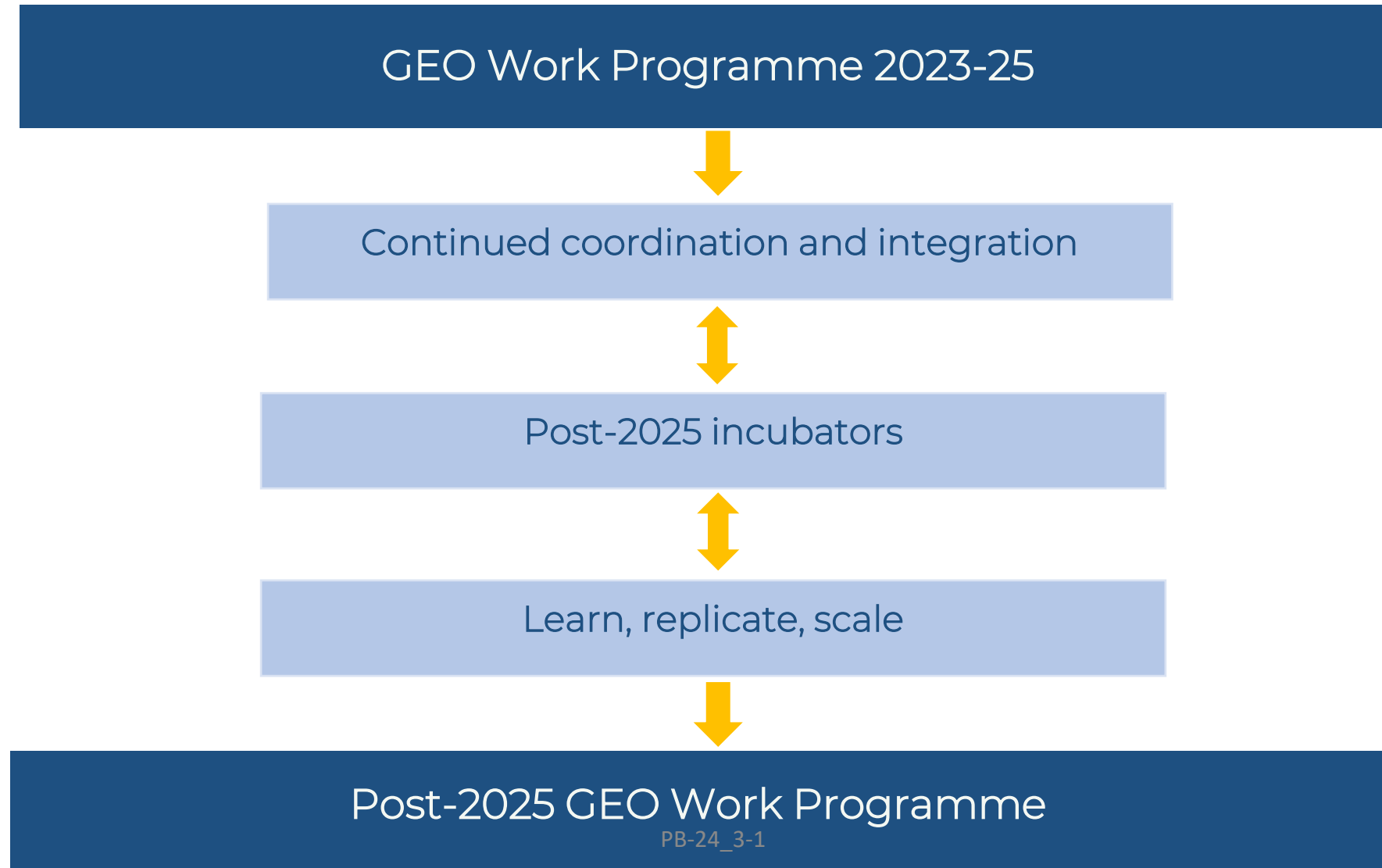
Recap: most imp. characteristics of a future GEO



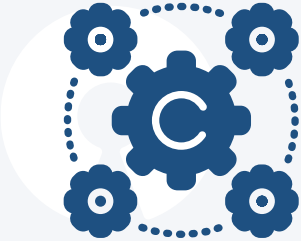
2023-2025 GWP review

- Bilateral engagements → opportunities for collaboration
- Implementation Plans → analysis of GWP activities: outputs, users, capacity-building, resources
- Results orientation → monitoring and evaluation
- Internal process → redesigned communications

The approach



Coordination workshops 2022/23



Information-sharing



Collaborations



Integration



EuroGEO Showcases: Applications Powered by Europe

EuroGEO and e-shape: tools for integration and incubation

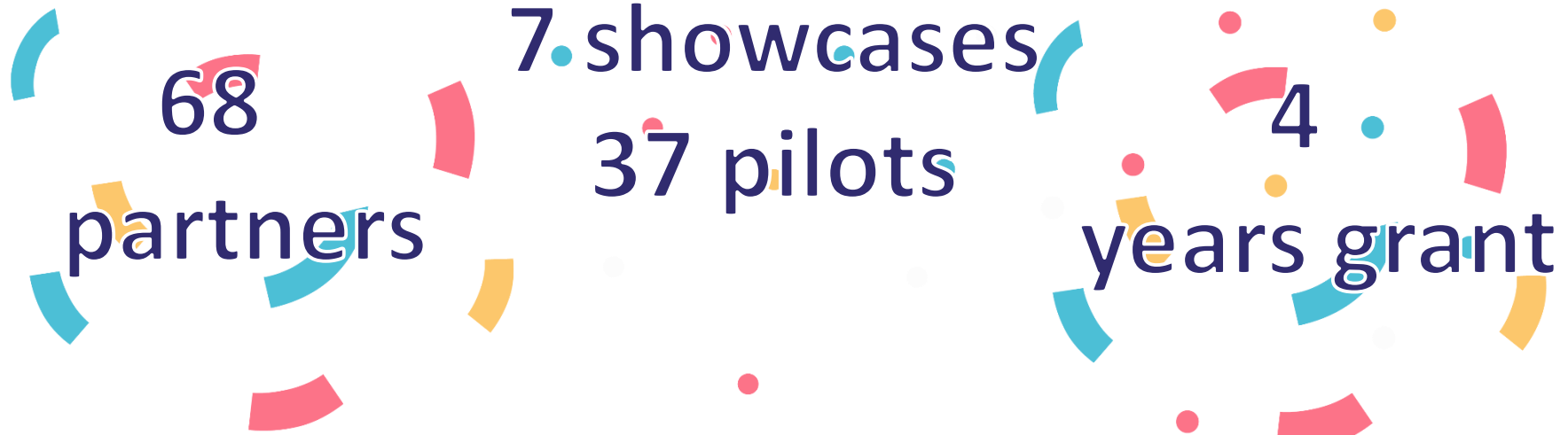
Prof. Thierry RANCHIN
Mines Paris - PSL – France
24th GEO Programme Board: September, 7th 2022

EuroGEO in a nutshell

- **Delivering an integrated European contribution to GEO** and increasing GEO benefits for Europe
- **Acting as an incubator to produce and test EO services and applications in cooperation**
- **Delivering** specific EO applications benefiting from integrating global datasets made available through GEOSS with Copernicus/European countries/organizations
- **Promoting, scaling up and developing EO applications in association with users**
- Building on Copernicus Data & Information Access Services (DIAS) + Horizon 2020/Horizon Europe resources/GEO
- **Supporting the implementation of the Green Deal and GEO engagement priorities**

● e-shape

Fast Facts for You




agriculture


health


renewable energy

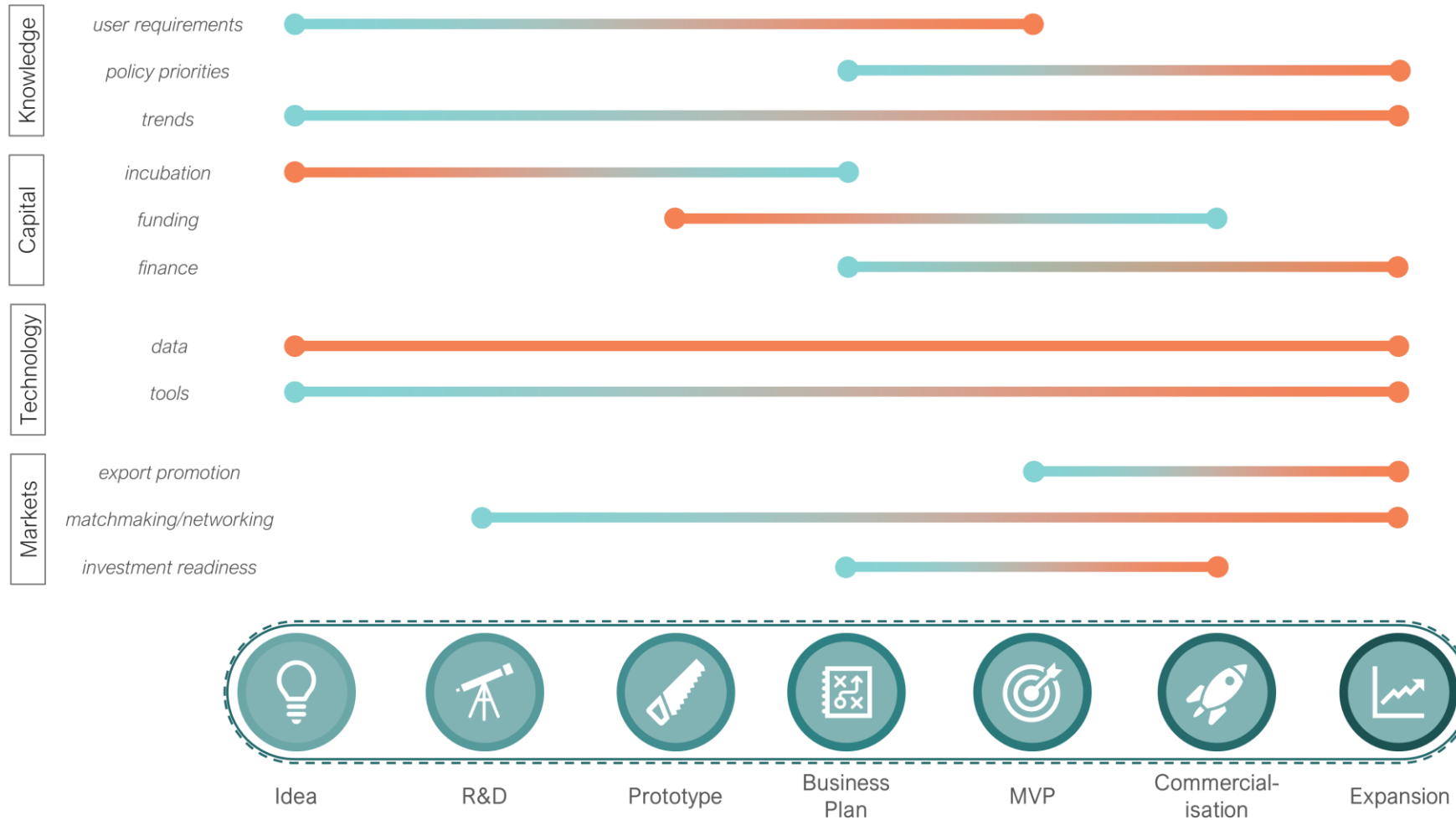

ecosystem

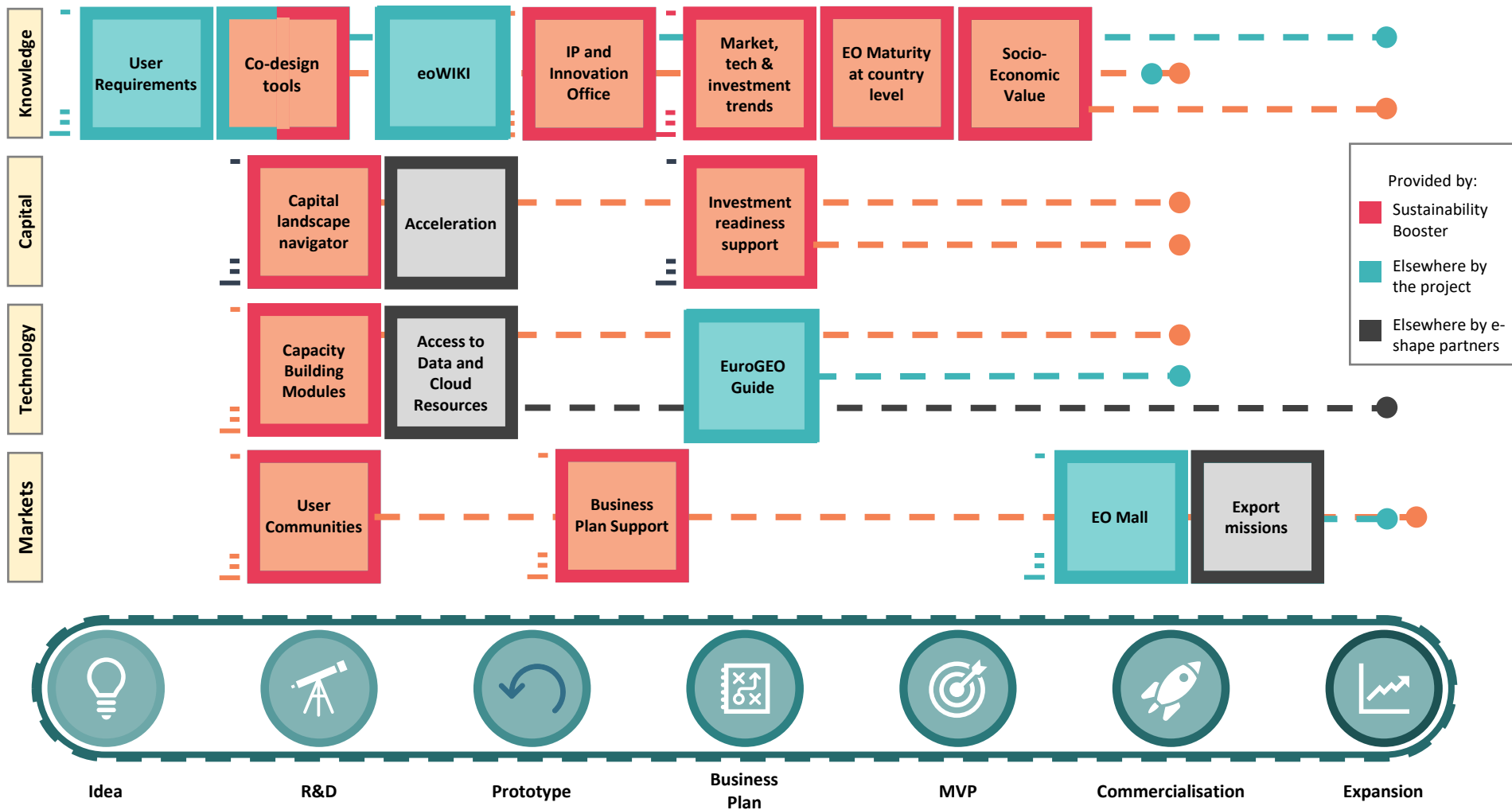

water


disaster

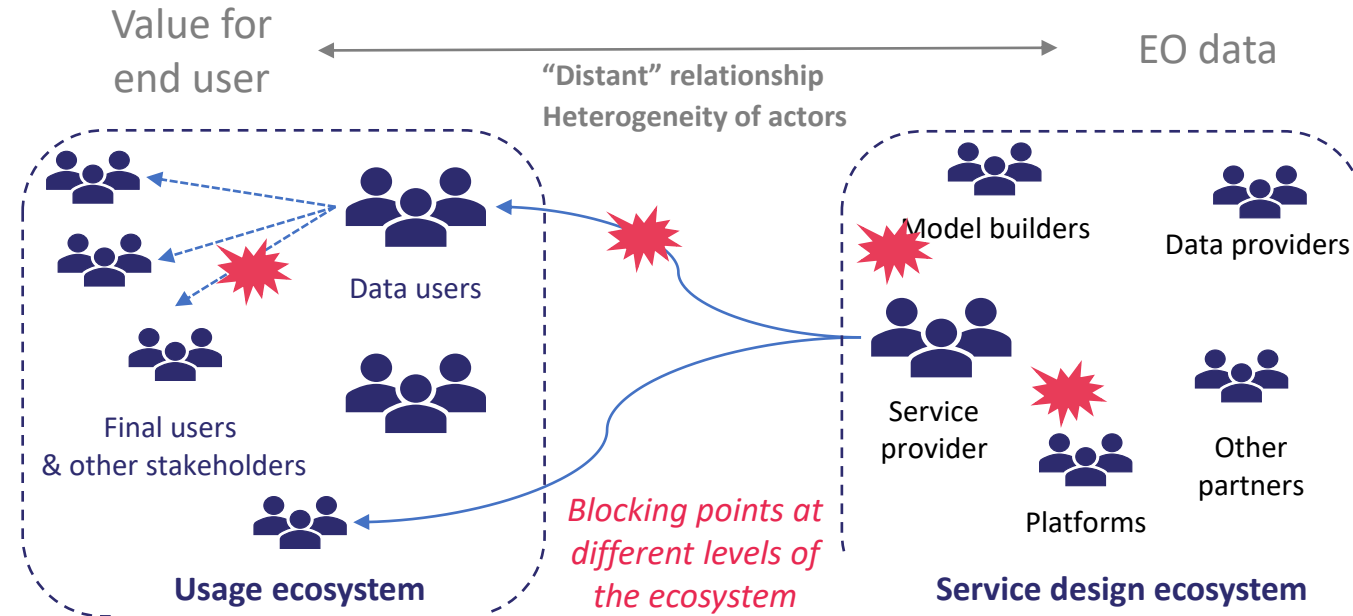

climate

e-shape: tools for integrated implementation of GWP





Co-design for the EO context



Issues to be addressed

1. **Growing an ecosystem** in a long-term perspective
2. **Blocking points not only at the end user's level**

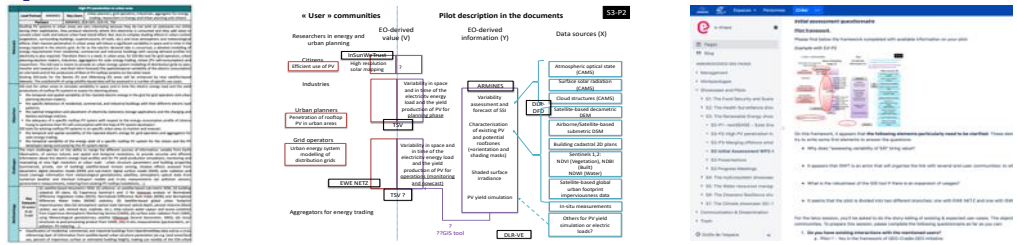
Co-design method

EO context particularly challenging
→ **specific method developed, tested and validated**

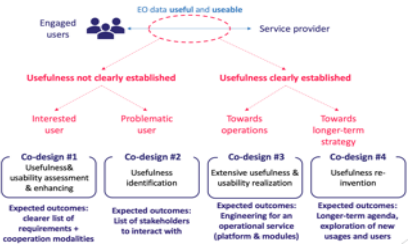
Co-design built in e-shape

Co-design to grow an ecosystem of efficient EO-based service designers
 Co-design approach in two phases: “diagnosis” phase + “action” phase

#1 Diagnosis process to identify blocking points in the ecosystem’s growth



Representation of each pilot’s ecosystem (“value-information-data” framework)



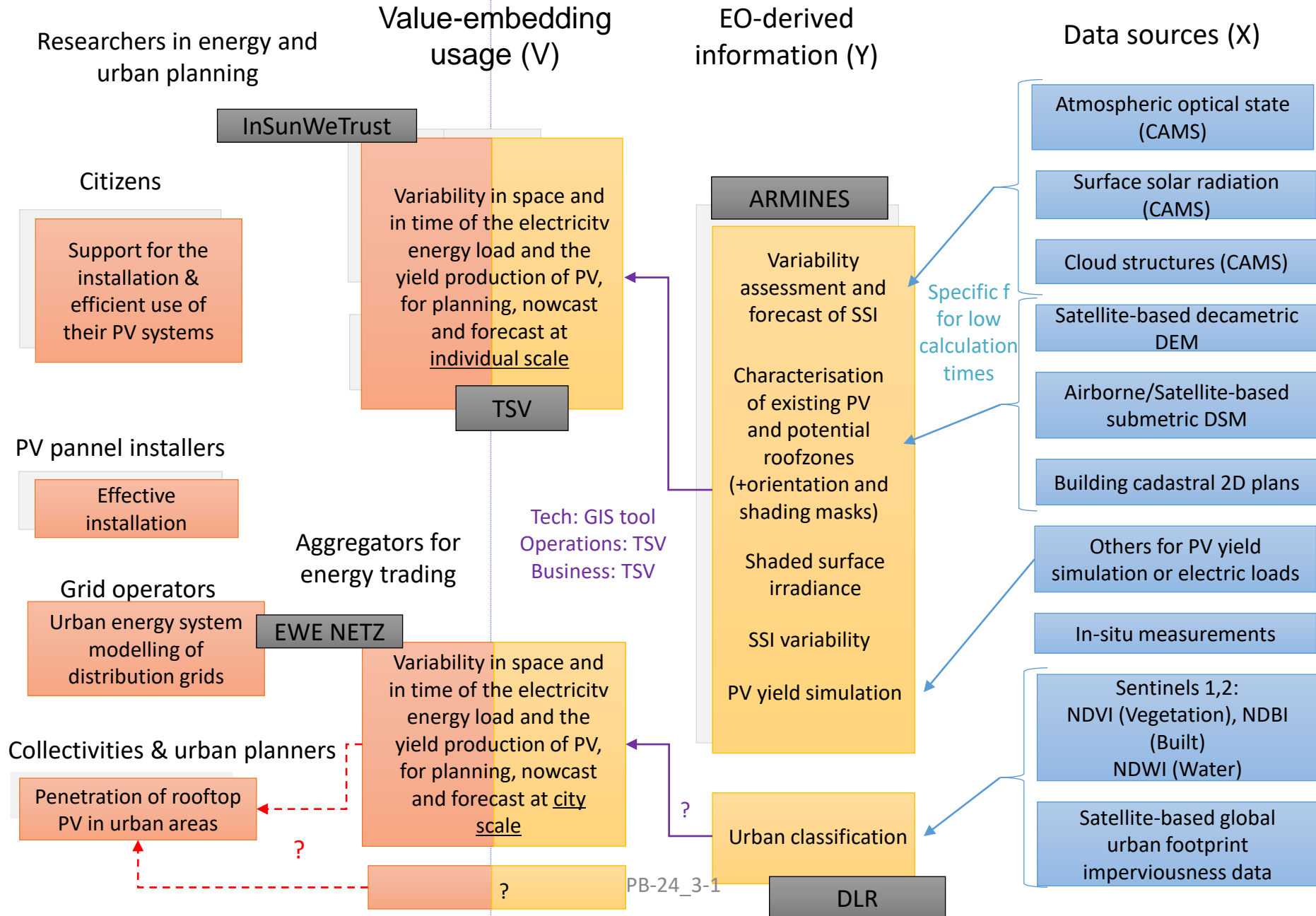
Identification of blocking points (i.e. *co-design needs*)

#2 Implementation of co-design actions to unlock blocking points

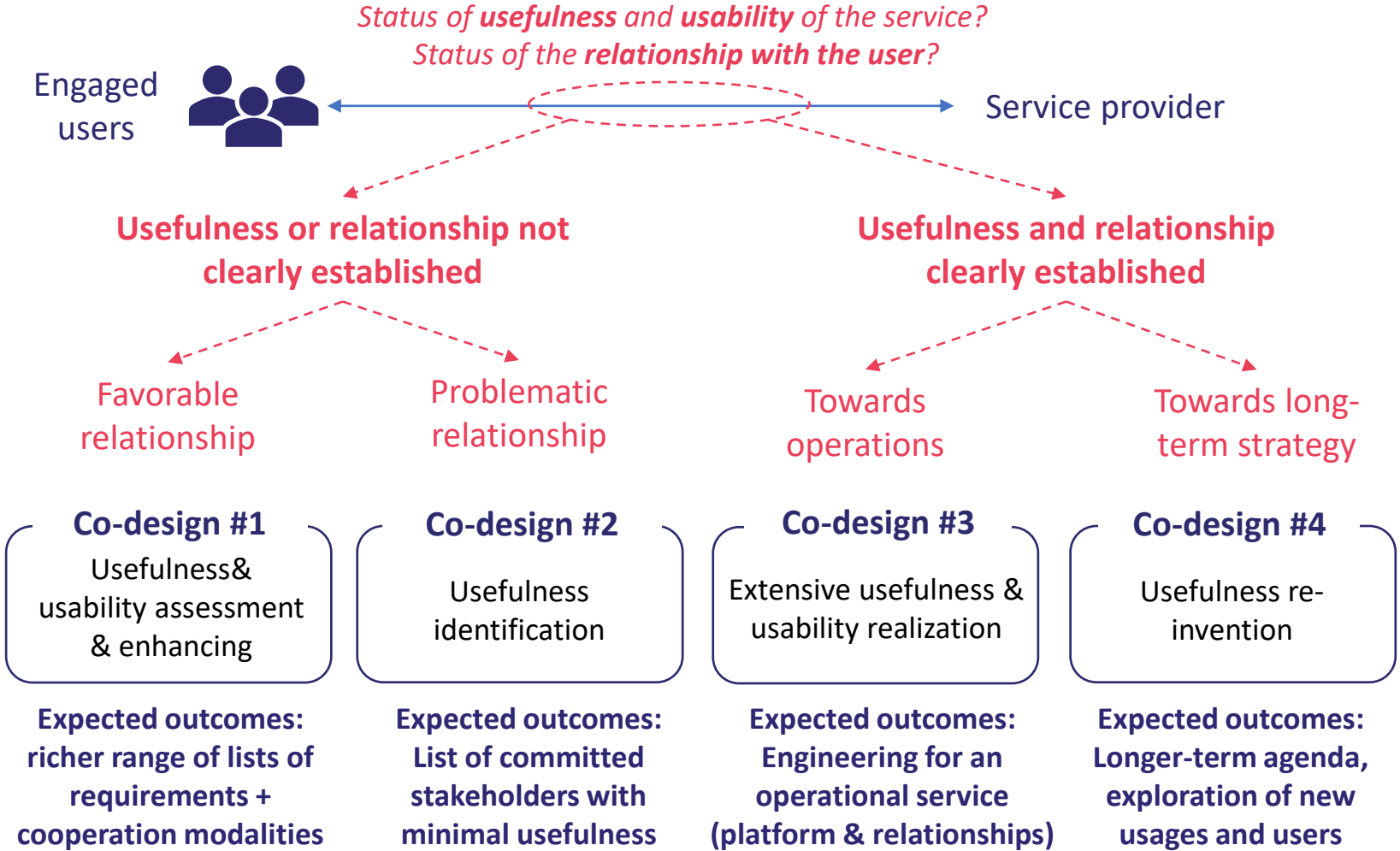
One pattern for each type of co-design: *building resilient fits with stakeholders*

« User » communities

e-shape pilot



Co-design types: design issues that might occur all along the service development process



Feedbacks about co-design

*“The co-design diagnosis also was very well structured [...] It was **very good to have short-term and long-term**, this helped us to come back couple of months after and see what we had said for the long-term and what is now time to implement.”*

(Alexia Tsouni, NOA, SC & pilot leader)

*“The initial co-design workshop proved to be an immense success [...]. **The workshop served as a means to formalize relationships and find synergies between workflows and users, propelling us to officially pursue partnering** with National Public Health Organization and the Ministry of Energy and the Environment to discuss and share data, and contribute to the development of a national health observatory.”*

(Evangelos Gerasopoulos, NOA, pilot leader)

*“For me it was really **eye opening that we could use it in such a broad way to look at all sort of possibilities rather than trying narrow down what we wanted to do**. It was more about broadening out and gathering lots of ideas and inputs.” **“The way we ask questions during the workshops – not just in this context but also in our other projects and activities – has changed to be more exploratory and focused on the potential seen by each stakeholder rather than on the willingness to test or buy our services.”***

(Merete Badger, DTU, pilot leader)

Implementation

- Cross fertilizing by **sharing knowledge** cross domains
- **Increasing awareness** by
 - Cataloguing the resources with an homogeneous framework and vocabulary,
 - Sharing knowledge on the data,
 - on Cloud Computing (not expertise),
 - on standards baseline, ...
- **Building success stories to showcase the benefits of EO**
- **Building a Big Picture** of current ecosystem of resources to build a vision of a European federation of resources based on standards and interoperability
- **Cooperating** between domains, with end users, with market experts..., **between application and platform providers,**
- Supporting upscaling, sustainability

Users' uptake

- User's uptake survey and identify **primary users communities**
- Creation of a network of secondary connection communities both regionally and at EU level
- Series of users' uptake events
- Capacity Building Best Practice Guide
- Promoting the use of services at sectorial, national and international level

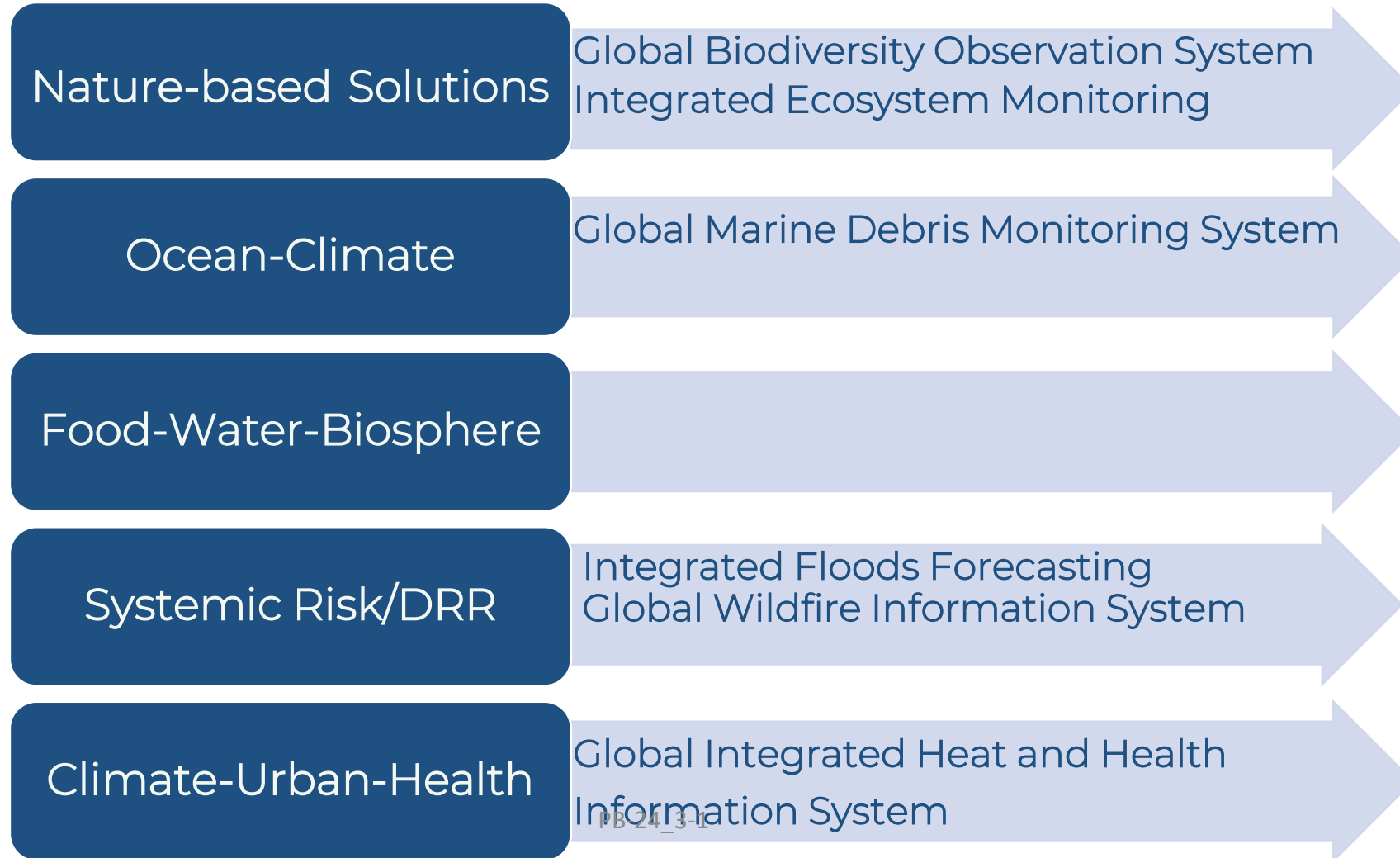
Sustainability

- Access to knowledge
 - *Market, policy, tech and investment trends*
 - *Guidance on Innovation and Intellectual Property*
 - *up-to-date understanding of national EO Maturity*
 - *understanding and promotion of socio-economic value*
 - *supporting capacity development*
- Access to markets
 - *opening doors to wider user communities*
- Access to capital
 - *helping EO actors to navigate the funding landscape*
 - *onboarding additional pilots with high maturity*
- **Follow closely the e-shape Sustainability Booster**
<https://sustainability.e-shape.eu/>

Potential support to integration and incubation from EuroGEO/e-shape

- Share the EuroGEO/e-shape experience with GEO
- Share the public deliverables with GEO
- Share the lessons learned and methods developed in e-shape
- Support the selection of the test case(s) for the road to post2025 (based on our on-boarding experience)
- Support of the e-shape's co-design team to prototype the integration and incubation processes and a real test case

E.g. Incubators



Thank you

