



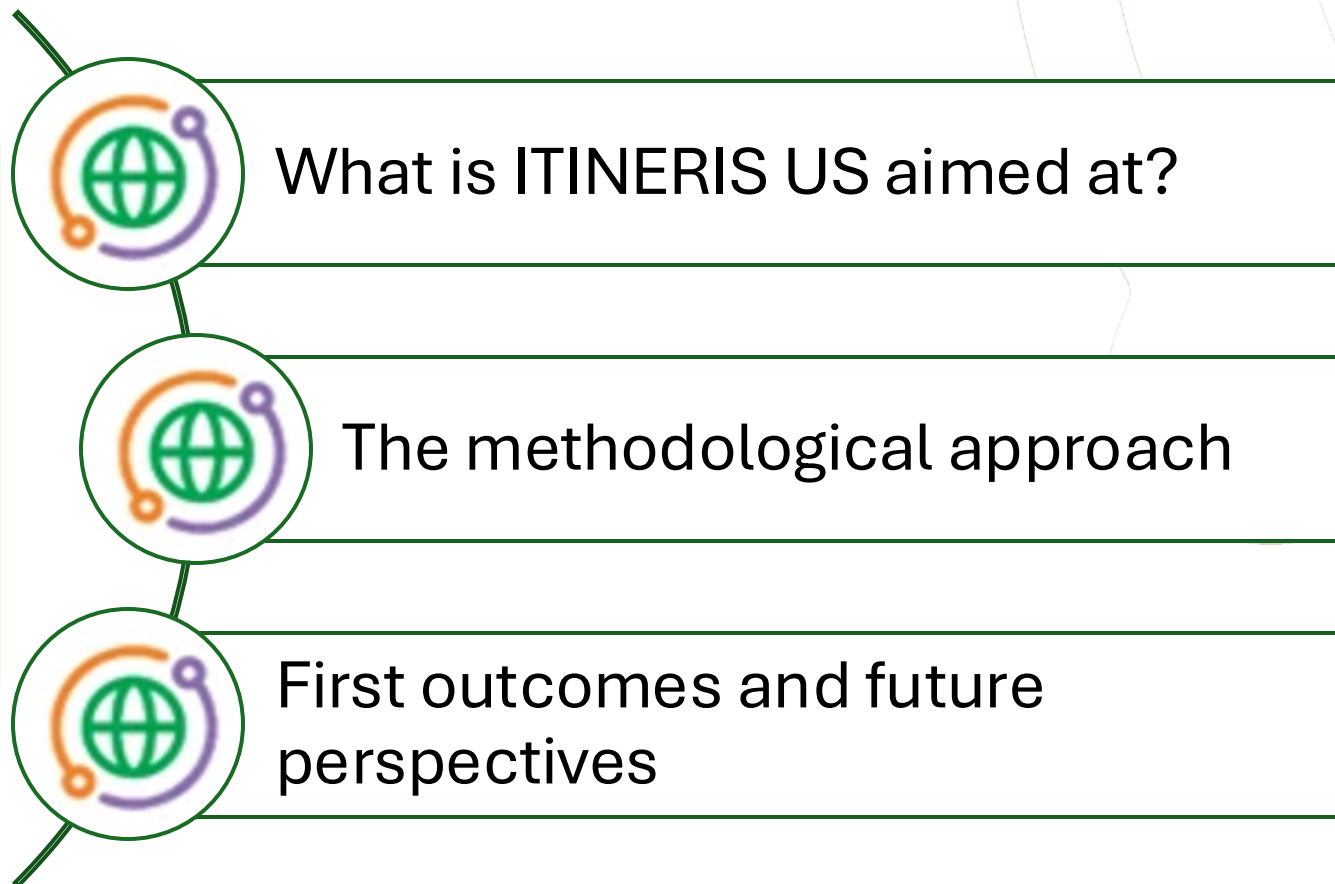
Advancing User-Centered Strategies for Integrated Environmental Research Infrastructures: The ITINERIS Approach

- **Loperte S.**, Gagliardi S., Gargano G., Petracca Altieri R., Ricciardi F., Russo C., Saganeiti L., and Cornacchia C.

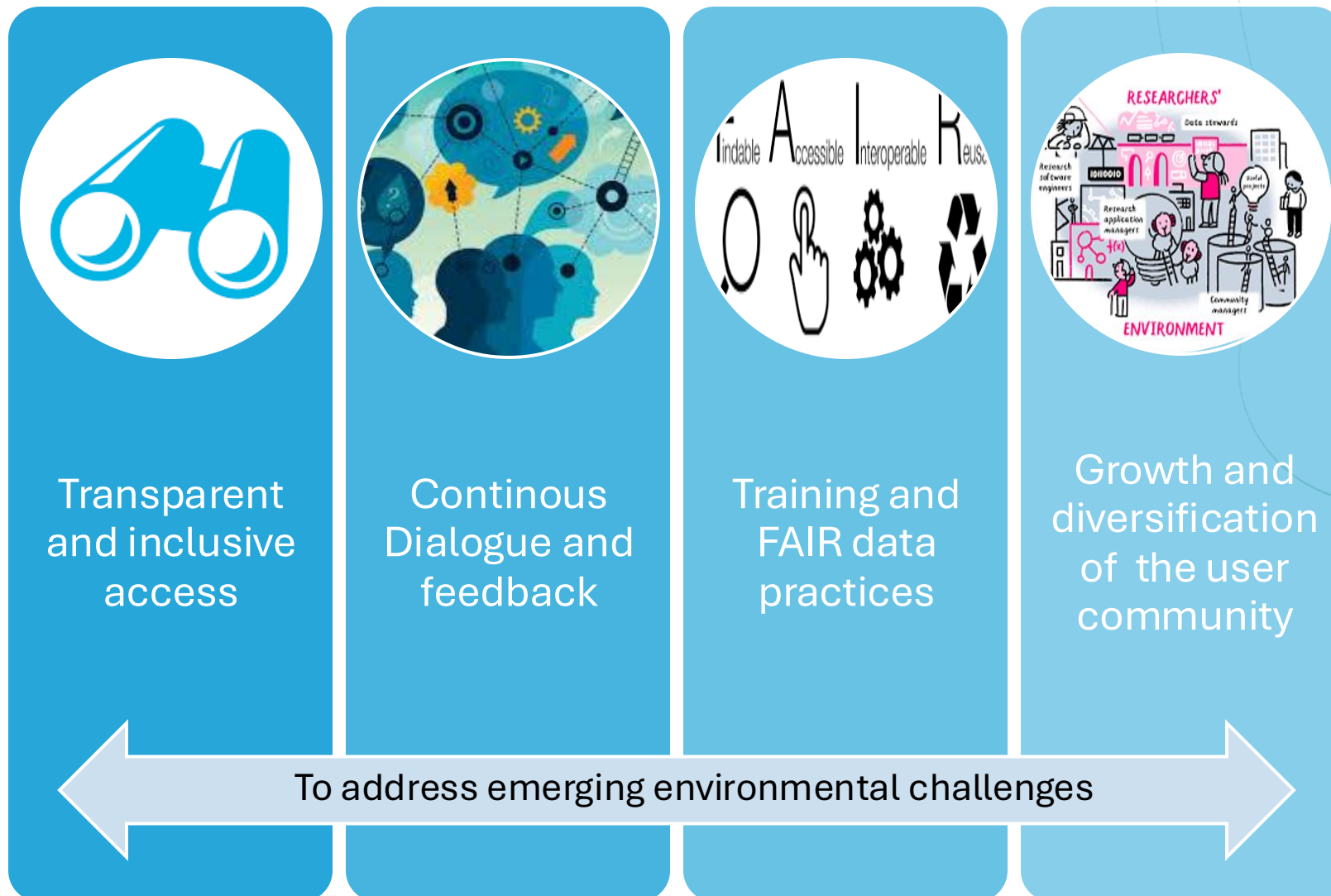
IR0000032 – ITINERIS, Italian Integrated Environmental Research Infrastructures System
(D.D. n. 130/2022 - CUP B53C22002150006) Funded by EU - Next Generation EU PNRR-
Mission 4 "Education and Research" - Component 2: "From research to business" - Investment
3.1: "Fund for the realisation of an integrated system of research and innovation infrastructures"



Agenda



WHAT IS ITINERIS US AIMED AT?



THE METHODOLOGICAL APPROACH



The methodological strategies



USER COMMUNITY

- Surveys
- Desk research
- Current & potential communities (academia, industry, public authorities, civil society)



PROCESS HARMONIZATION

- Common standards for access & services
- Addressing heterogeneous maturity levels

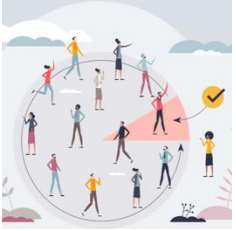


USER ACCESS

- Simplified procedures
- Unified service catalogue
- Flexible modalities
- User grants & financial support

The ITINERIS Catalogue: Unifying Environmental Resources Across RIs

The methodological strategies



ENLARGED COMMUNITY

- Targeted outreach (newsletters, events, campaigns)



CAPACITY BUILDING

- Training activities
- Knowledge & skills development





ORIENTED-RI ECOSYSTEM

- Stakeholder Engagement (Industry-RI Integration)
- Strategic alliances (ARPA, Civil Protection, Joint Calls - ACTRIS)
- Knowledge exchange




Some relevant experiences

CAPACITY BUILDING

	TITLE	TARGET AUDIENCE	PURPOSE
	Innovative Environmental Monitoring and Territorial Transformation Analysis	Researchers, planners, policymakers, professional bodies of Engineers and Architects, and stakeholders in territorial planning	To strengthen skills in using research infrastructures for sustainable urban regeneration, spatial monitoring, and the development of decision-making and planning tools.
	Discovering the sky	Children aged 10–14 living in contexts of educational poverty	To foster scientific curiosity, inclusion, and empowerment through hands-on experiences in biodiversity exploration and sky observation, opening pathways to knowledge and hope.

RIs as knowledge-sparkling environment among the Ecosystems of Territorial Coehsion strategy: a study case about the social impact of the ITINERIS Project

Some relevant experiences

	TITLE	STAKEHOLDERS INVOLVED	SCIENTIFIC FIELD
	Stakeholder Event on the New EU Air Quality Directive	National and regional environmental agencies, local authorities, businesses, research infrastructures (ACTRIS Italy, ITINERIS, RI-URBANS)	Air quality monitoring, science-policy interface, role of research infrastructures in supporting EU directives
	Urban Geophysics: A New Ground-Airborne Geophysical Instrumental Facility	Institutional representatives (e.g. Civil Protection), professional body of Engineers, private sector stakeholders, research community	Geophysics, land use planning, risk mitigation (earthquakes, landslides), resilience and sustainability of urban areas, strategic role of RI
	Coastal HF Radar Installation in the Gulf of Salerno and Capri	Local authorities (Region, Municipality), Coast Guard, Port Authorities, research institutions (CNR-ISMAR, ITINERIS), EuroGOOS network	Marine monitoring, maritime safety, environmental protection, role of research infrastructures in EU/global networks and data sharing

FIRST OUTCOMES & FUTURE PROSPECTIVES



Positive Outcome

- Greater visibility & attractiveness
- More engagement from non-academic users
- Progress on harmonized access policies & catalogues → interoperability
- Stronger training & capacity building

Future Focus

- Consolidating stakeholder alliances
- Improving digital access tools
- Monitoring long-term impacts

Remaining Challenges

- *Securing stable funding*
- *Balancing national vs. European priorities*
- *Engaging underrepresented user groups*



For any further information, feel free to
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THANKS!

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