



Cofinanziato
dall'Unione europea



Project Overview

Kick off meeting
March 18th 2025



www.iss.it/malattie-infettive



DIPARTIMENTO
MALATTIE INFETTIVE

Administrative information

StePs foRward fOr digital and real time surVeillance of Infectious DiseasEs iN Italy (PROVIDENT)
Grant Agreement no. 101183197

- Reference file: EB47
- Duration of the agreement: from **01/01/2025 to 31/12/2028**
- CUP: I85E24000920006
- Amount of funding: € 3.099.069,82
- Of which for transfers: € 937.513,61

Eligible expenditure for the purchase of goods and services is not subject to VAT under of art. 72 Presidential Decree 633/72 co. 3, in the % of 60.00 relating to the Community contribution granted

The project language will be Italian, but the documents that will be used to report to HADEA must be in English

Participants

Competent Authority



Affiliated entity



Project Summary: stePs foRward fOr digital and real time surVeillance of Infectious DiseasEs iN Italy (PROVIDENT)

PROVIDENT aims to **enhance surveillance of infectious diseases in Italy** through real-time digital data streams, building a scalable and integrated national health system.

Early-warning system

Development of a national **early-warning system** message system for microbiological, virological, and entomological alerts.

pilot integrated and surveillance system

Test and demonstrate interoperability of a **pilot integrated surveillance system** in three regions and create a scalable model for broader implementation across the country.

Capacity building

Provide **training and technical support** to improve diagnostic accuracy, with specific support on parasitology and entomology, and to avoid under-reporting.

Data interoperability

Promote interoperability by facilitating data linkage across vaccination, clinical, and hospitalization data while ensuring compliance with legal and ethical standards.

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Early-warning system

Development of a national **early-warning system** message system for microbiological, virological, and entomological alerts.

- A tool to exchange bi-directional messages , alerts, information in a systematic way
- A defined network specific for each area of alert
- Ensuring traceability of the messages
- Including the relevant stakeholder
- Clear rules on use and purpose
- Concept like ECDC Epi-Pulse but applied in a national context

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pilot integrated and surveillance system

Test and demonstrate interoperability of a **pilot integrated surveillance system** in three regions and create a scalable model for broader implementation across the country.

- We need more timely data from our laboratories
- We need to link this data with other relevant data sources (demographic, clinical etc)
- We will start focusing from the experience on AMR and BSI surveillance
- We need to create a sustainable system based on the regional capacities
- Interoperability is very relevant
- Technical and legal challenges to face at national level

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- Most of the surveillance suffer for under notification and under diagnosis
- Some specific systems need training or studies to understand the needs
- This project is a good opportunity to rethink not only on data, but also what is what is behind the data

Project Summary: stePs foRward fOr digital and real time surVeillance of Infectious DiseasEs iN Italy (PROVIDENT)

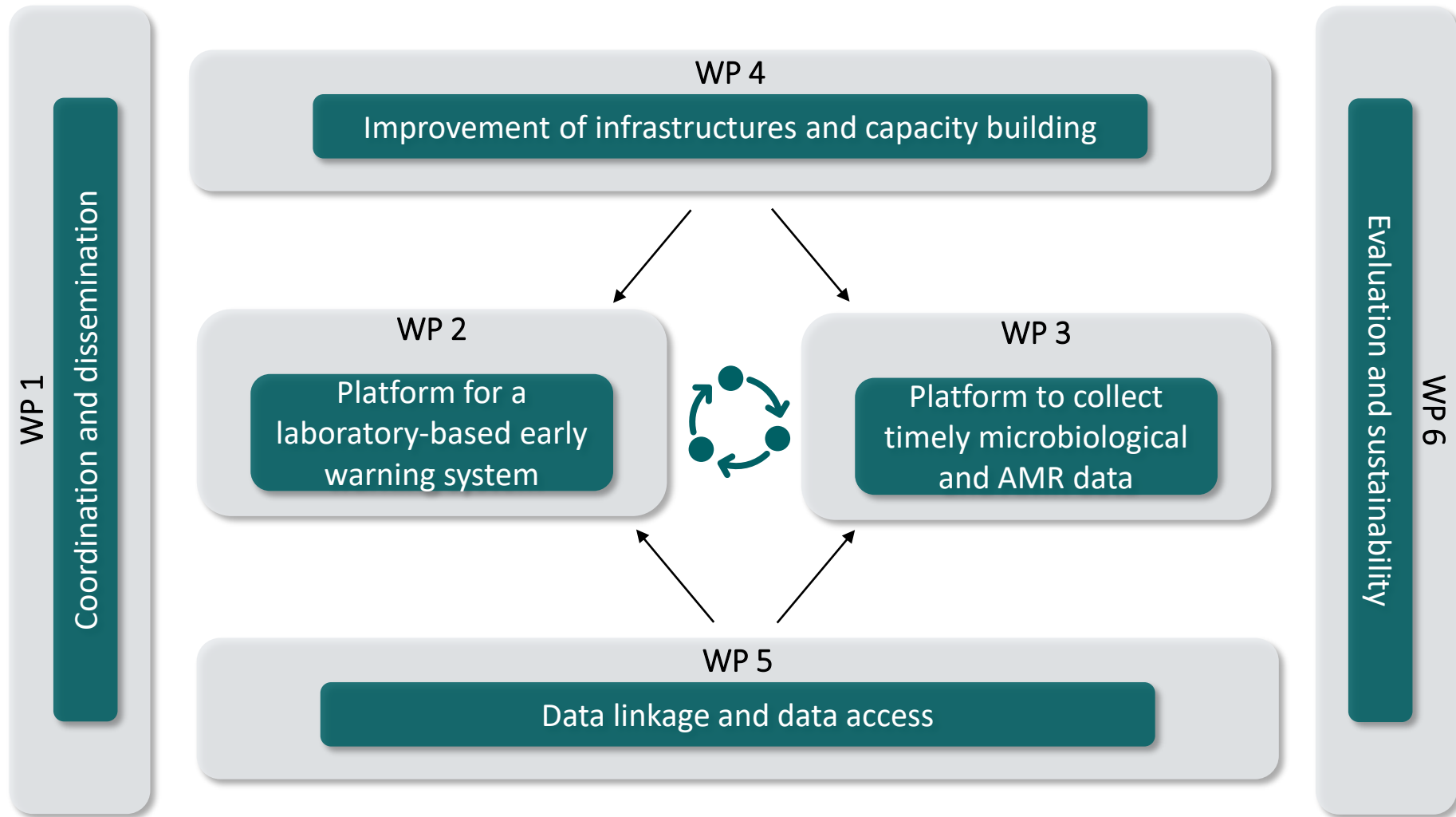
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Data interoperability

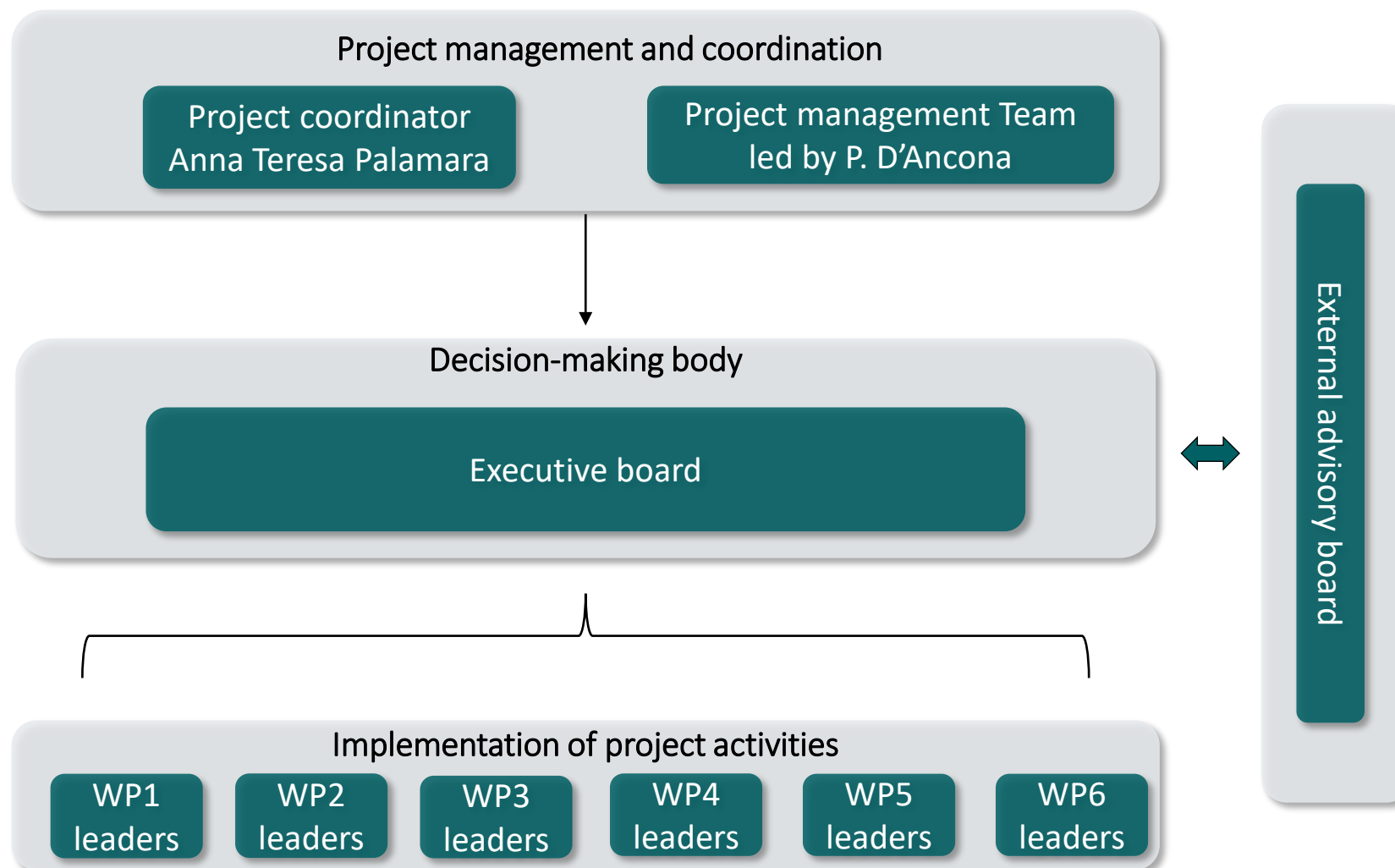
Promote interoperability by facilitating data linkage across vaccination, clinical, and hospitalization data while ensuring compliance with legal and ethical standards.

- Very sensitive and complex matter
- It needs an intersectoral, interinstitutional collaboration
- There are many activities at national or international level in this area and we need to define the activities in line with laws and the future development of the system

Work Packages



Governance structure as in the Grant Agreement



Project Management Team

Paolo D'Ancona

Alessia Caratelli

Valentina Cecchetti

with the support of Giorgia Napoletani, Chiara Rosso, Francesco Venuti

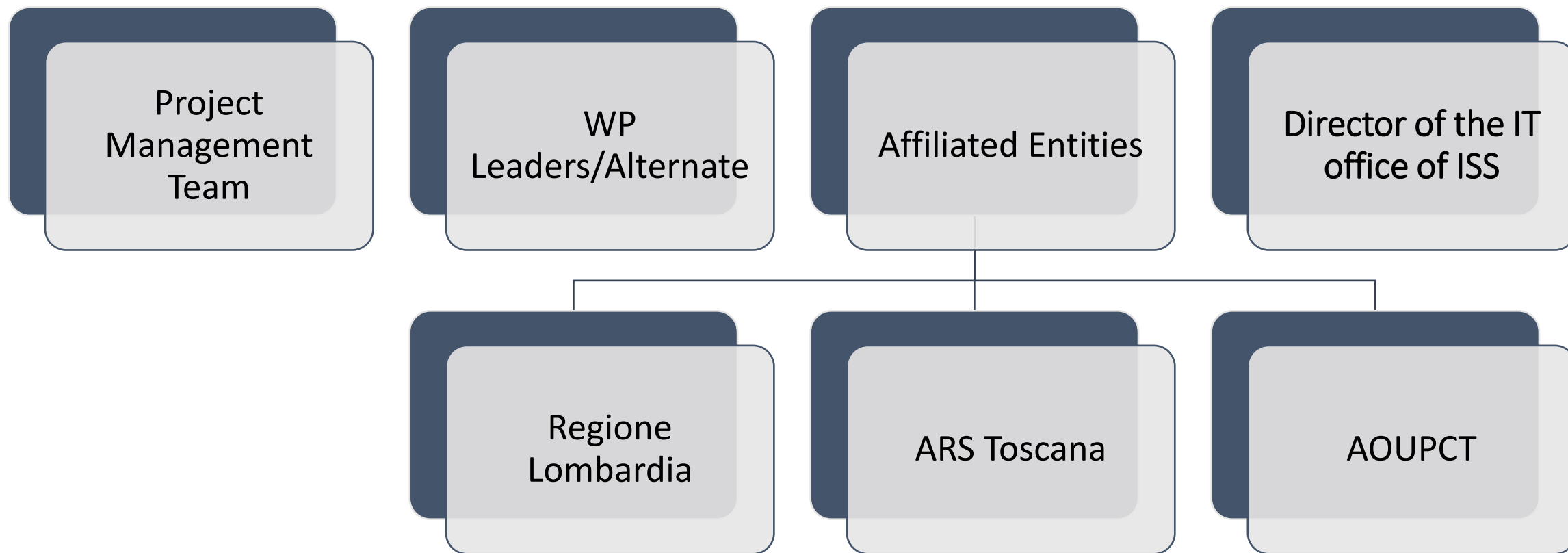
Work Package Leaders

	WP Leader	WP Co-leader
WP1 - Coordination and dissemination	Paolo D'Ancona	Mirella Taranto
WP2 - Platform for a laboratory-based early warning system	Paola Stefanelli	Alberto Mateo Urdiales
WP3 - Platform to collect timely microbiological and AMR data	Paolo D'Ancona	Monica Monaco
WP4 - Improvement of infrastructures and capacity building	Marcoalle	Simone Cacciò
WP5 - Data linkage and data access	Marco Bressi	Virginia Alongi
WP6 - Evaluation and sustainability	Paolo D'Ancona	Marcoalle

Governance

- **Project management Team:** responsible for supporting the project coordinator in managing daily activities. It ensures the project runs efficiently through administrative and organizational support.
- **Executive board:** responsible for the monitoring and execution of the project and will make major decisions with regards to its implementation. It will be composed of the management team, WP leaders, and a representative from every partner. It will meet every 3 months
- **External advisory board (EAB):** responsible for providing advice to the Executive Board on the acceptability, sustainability, and impact of the project's activities. The EAB will consist of institutional referents nominated by the regional technical committees for prevention, experts from various General Directorates of the Ministry of Health, as well as experts from relevant scientific societies and academia. We will invite also ECDC to be involved in the EAB.

Composition of the Executive Board



Main staff of the affiliated Entities (draft)

Regione Lombardia

- **Gabriele Del Castillo**
- **Simone Villa**
- Martina Barral
- Danilo Cereda
- Agnese Comelli
- Umberto De Castro
- Caterina Ferrario
- Mauro Maistrello
- Arianna Mazzone
- Plamino Pedroni
- Diletta Russo
- Simone Schiatti
- Martina Zanforlini

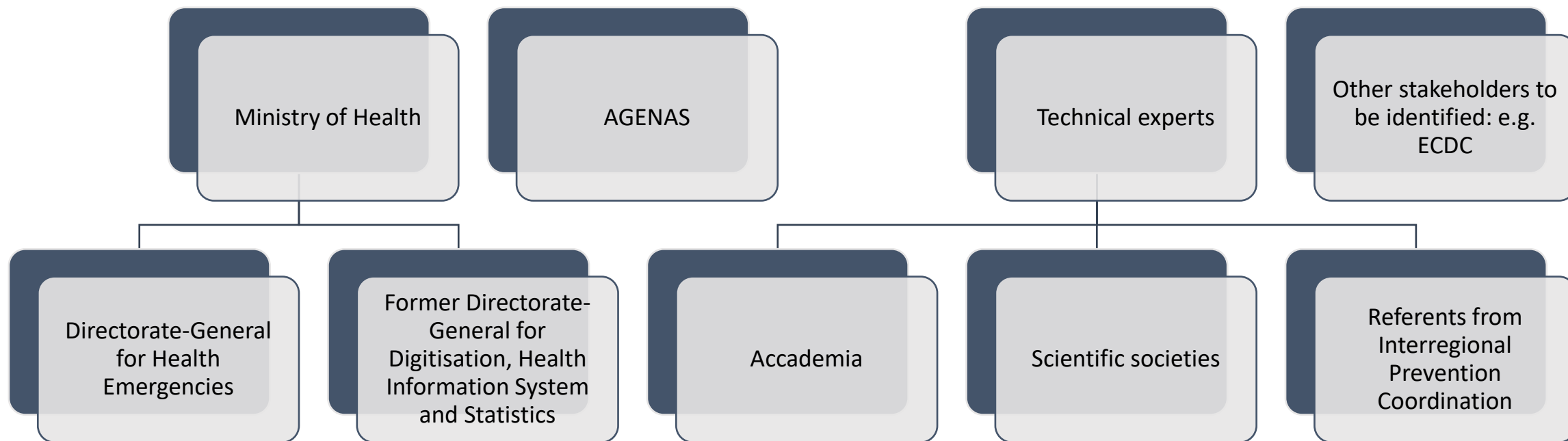
ARS Toscana

- **Silvia Forni**
- **Fabrizio Gemmi**
- Guglielmo Arzilli
- Simone Bartolacci
- Claudia Szasz

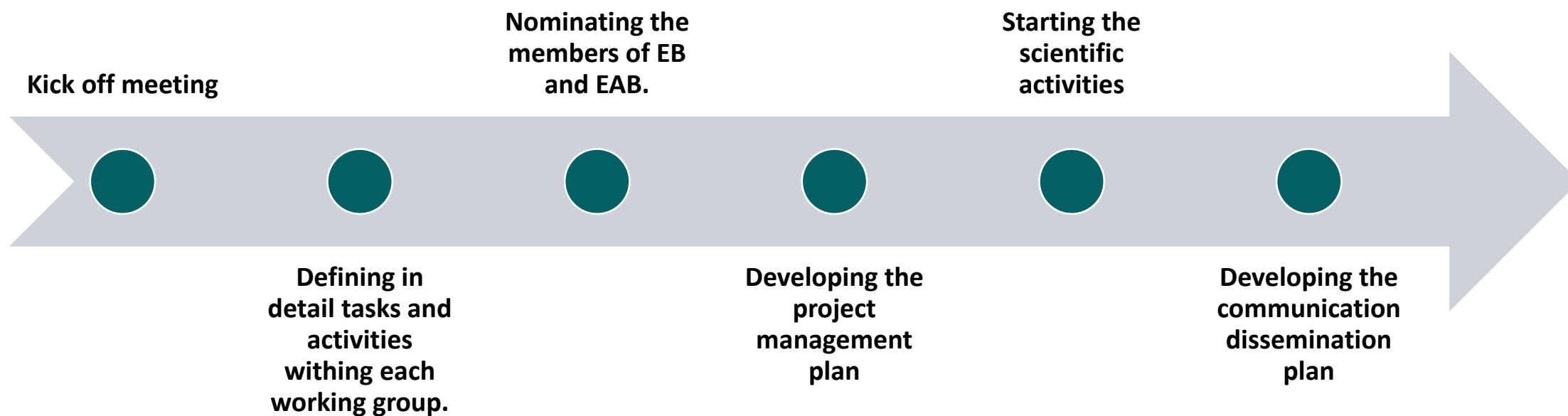
AOUPCT

- **Stefania Stefani**
- **Francesco Grasso Leanza**
- Lorenzo Anastasi
- Simona Di Virgilio
- Salvatore Favitta
- Natale Lagrotteria

Proposal of composition of the External Advisory Board



Next six months of PROVIDENT project



Our direction

- Providing new tools for contrast infectious threats
- Looking for sustainability
- Implementing innovation
- Avoiding overlapping and duplication
- Providing a guidance for the other regions and A.P.

Thank you

