

EHDS

HealthData@EU Pilot

**EMA HMA Big Data
Stakeholder Forum |
December 1st 2022**



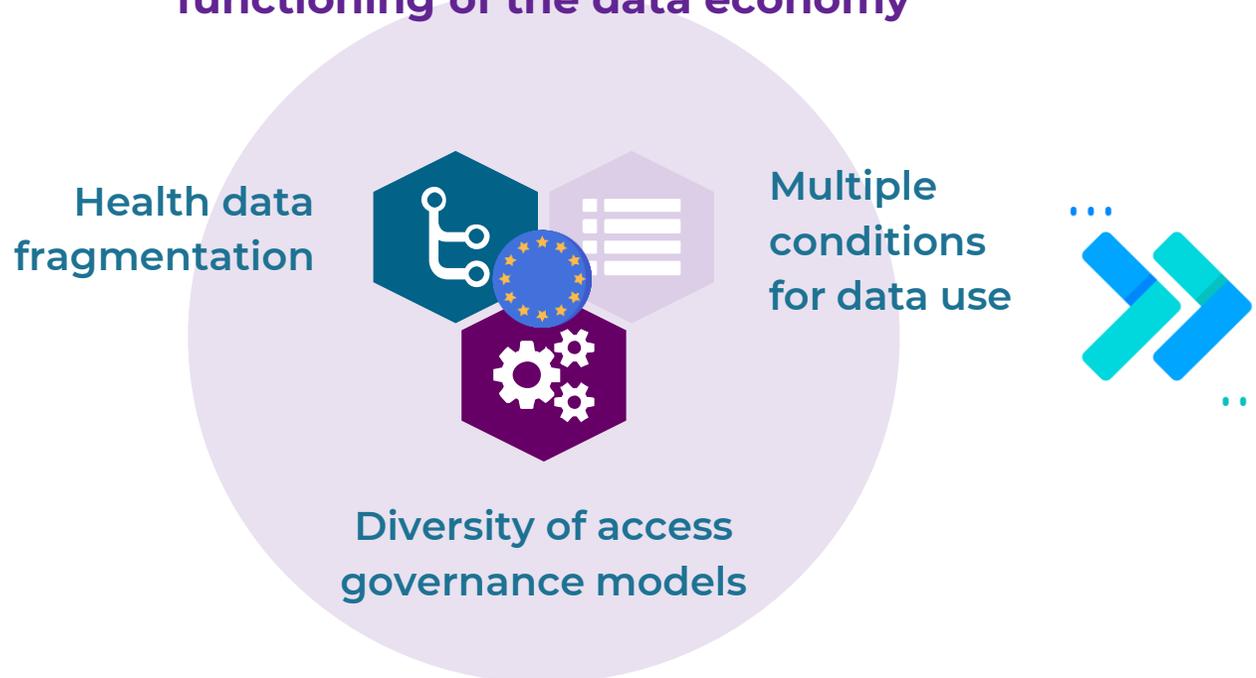
Classified as internal/staff & contract



Health data sharing, a major priority for the European Commission and European health policy

Objective

remove obstacles to the smooth functioning of the data economy



Solutions

create an EU-wide governance framework for data access and use

- 2020 Data Governance Act proposal
- 2021 Joint Action TEHDAS “Towards a European Health Data Space”
- 2021 Pilot version of European Health Data Space: call for proposals financed up to 5m€
- 2022 Proposed European Health Data Space legislation

The HDH, leader of a European consortium to build and operate a first version of the EHDS



HealthData@EUpilot

17 partners, 9 countries
2 years
5 million euros of European fundings

Create and test a beta version of the European Health Data Space



Build a network of data platforms on a European scale...



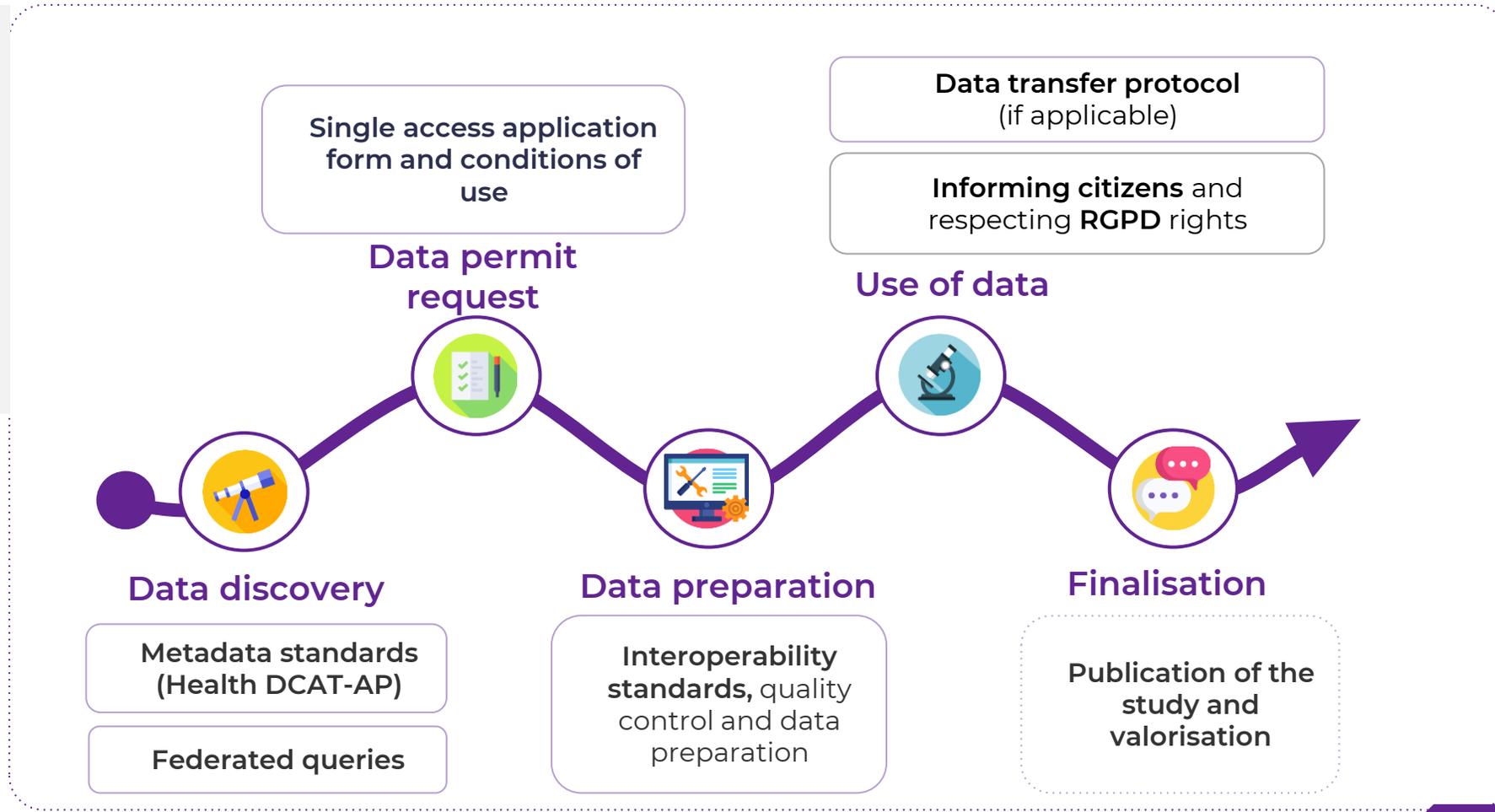
...tested by concrete cross-border use cases



The project will cover important pieces of the overall EHDS user journey



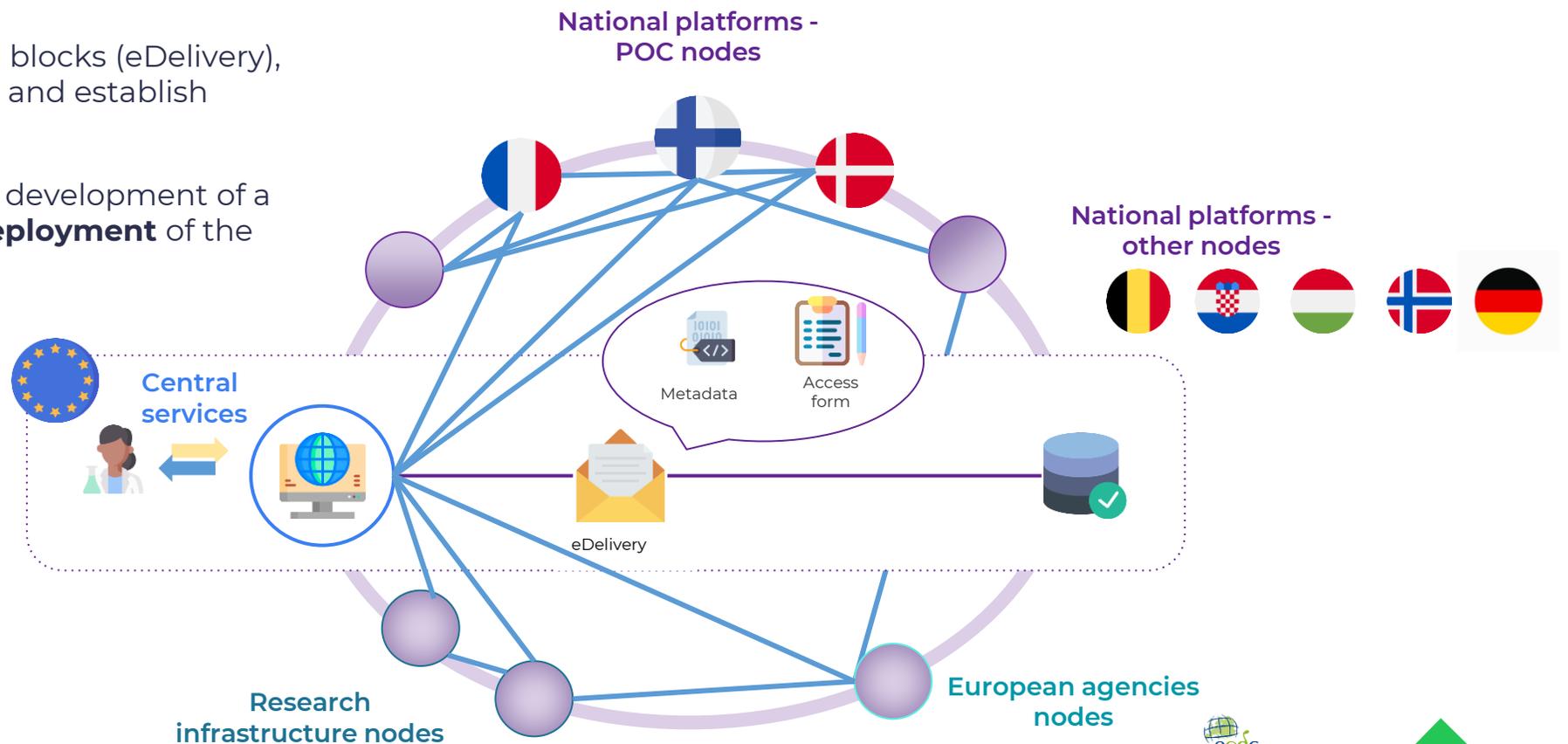
... building on the **IT infrastructure** connecting the data platforms and EU **central services** in a network allowing information exchange (WP5)



The HDH, co-leader of building the technical backbone of the HealthData@EU pilot

WP5 builds a **technical infrastructure** allowing the exchange of information between nodes

- Design and deploy a **technical infrastructure** for the **network of nodes** and the link with **central services**
- Use European building blocks (eDelivery), open source standards and establish **security standards**
- After a **scoping phase**, development of a **POC**, then **MVP** and **deployment** of the network



Two work packages related to data discovery and interoperability



WP6 Metadata standards

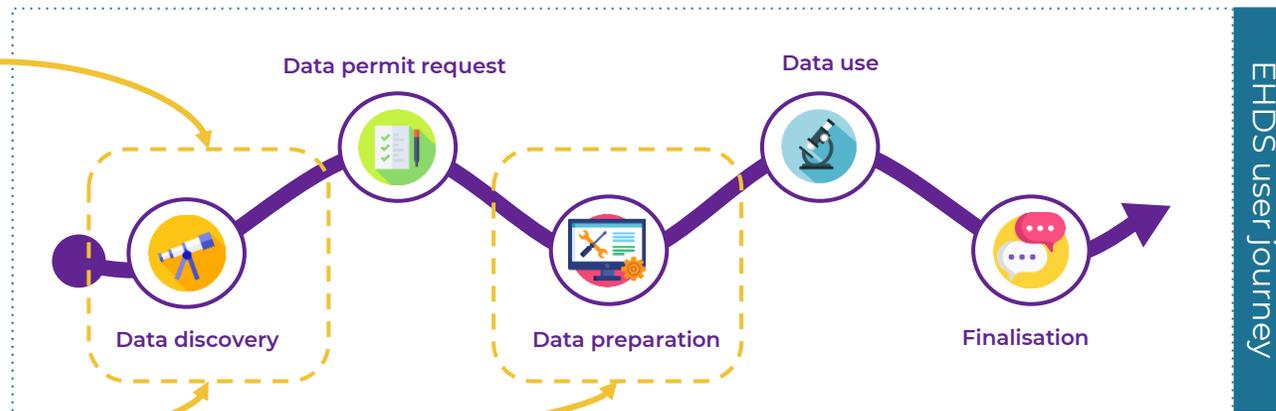
- Develop a **standardised descriptive metadata (Health DCAT-AP)** respecting the FAIR principles and User needs of the EHDS
- Implement Health DCAT-AP in the nodes
- Contribute to the implementation of a central search portal



Sciensano



Norwegian
Directorate of
eHealth



WP8 Data interoperability and quality

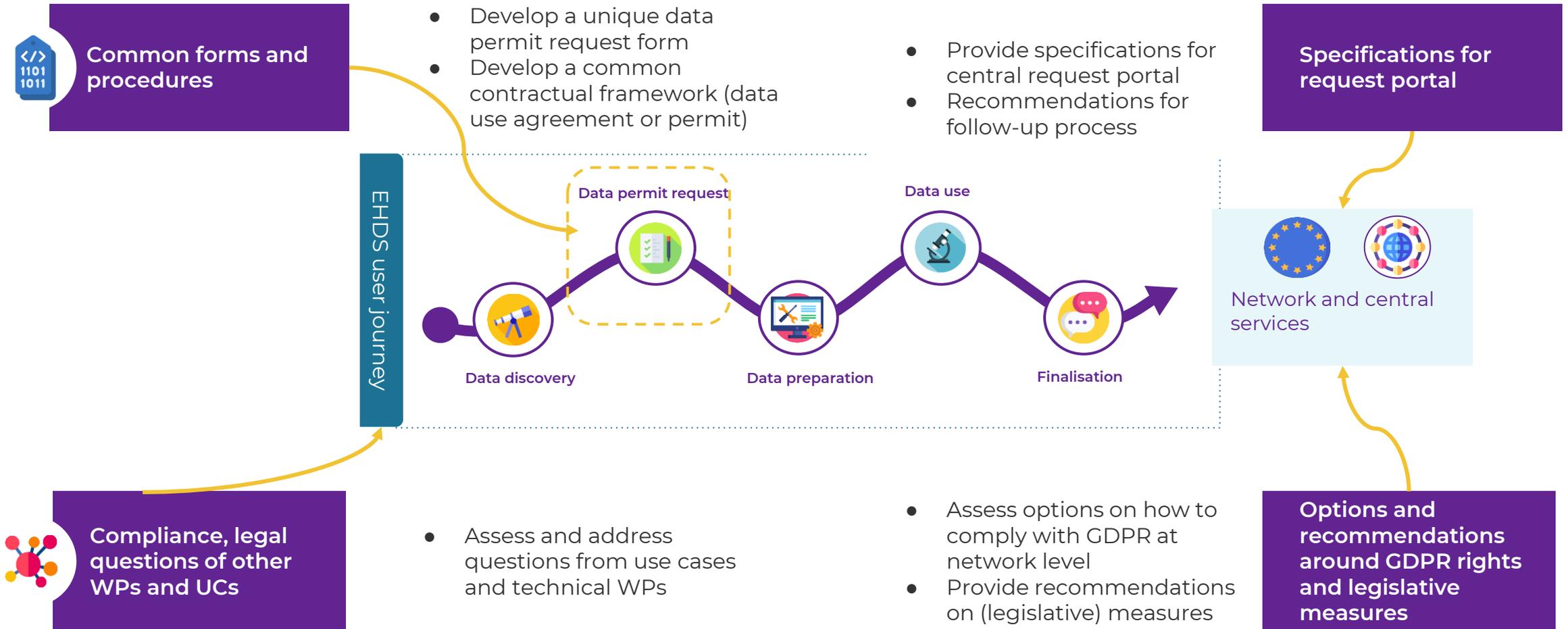
- Provide guidelines for **data standards** to address **semantic interoperability**, including **data quality assurance** and the definition of **security prerequisites** for transfer
- Investigate, and if feasible, test **solutions for query** (data discovery)
- If applicable, definition of data transfer protocol for the use cases



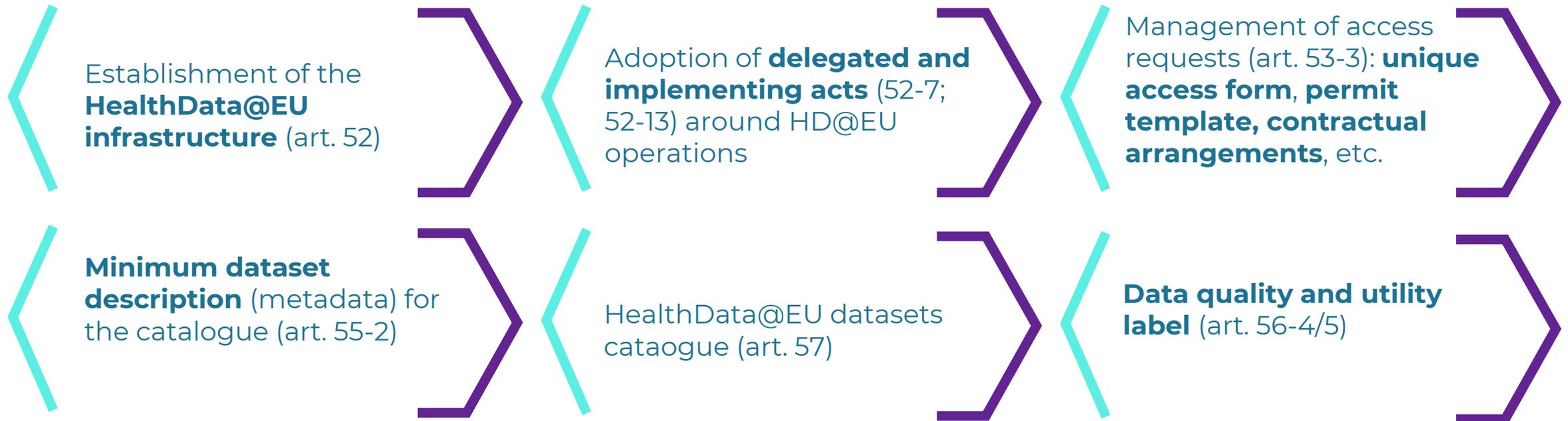
BBMRI



WP7, normative laboratory of the project



Link with IV-4 and IV-5 of the EHDS proposal



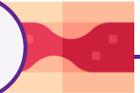
5 cross-border use cases will show the added value of HealthData@EU

1 

Antimicrobial resistance surveillance

led by 



2 

Identifying the risks of coagulation disorders in patients with Covid-19

led by 

EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH



3 

Test use, hospitalizations and vaccination adherence in vulnerable sub-populations

led by 



4 

Project to anticipate care pathways in cardio-metabolic diseases using AI

led by 



5 

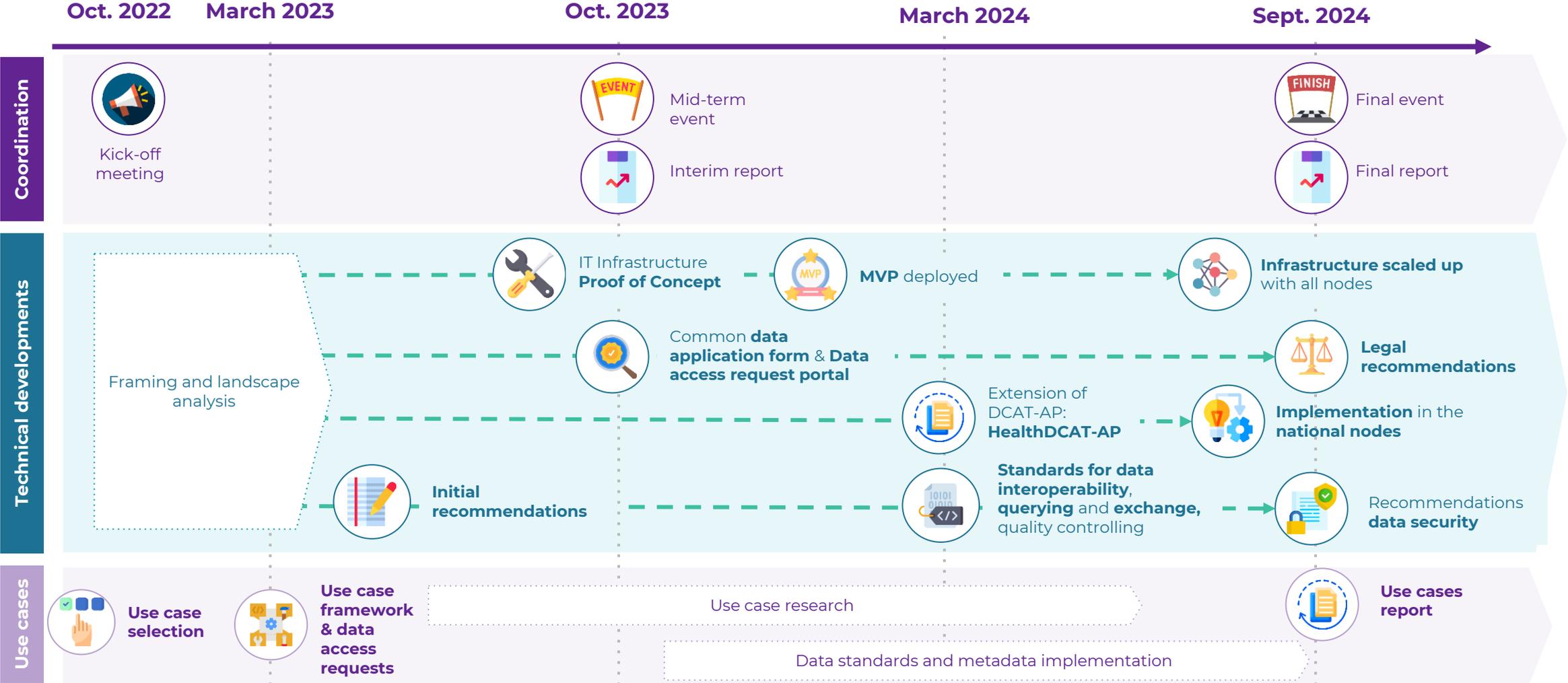
Identify genomic signatures characteristic of different types of colorectal cancers

led by 

BBMRI-ERIC 



Project partners have committed to an ambitious 24-month timeline



Opportunities to engage with the project



Over the 24-month project timespan, there will be multiple opportunities to engage with us!



Open call for our **External advisory Board** (Dec-22/Jan-23)



Stakeholder meetings to present and discuss project activities and outcomes



Stakeholder roundtable discussions



Interactions with the community of HDABs (working on the direct grant for HDABs)



Multiple **presentations, round table discussions** and forums



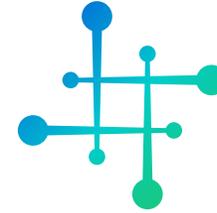
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**Co-funded by
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