



BBMRI-ERIC®

The European research infrastructure
for biobanking and biomolecular
resources in health and life sciences

Thematic contributions to EOSC: BBMRI-ERIC

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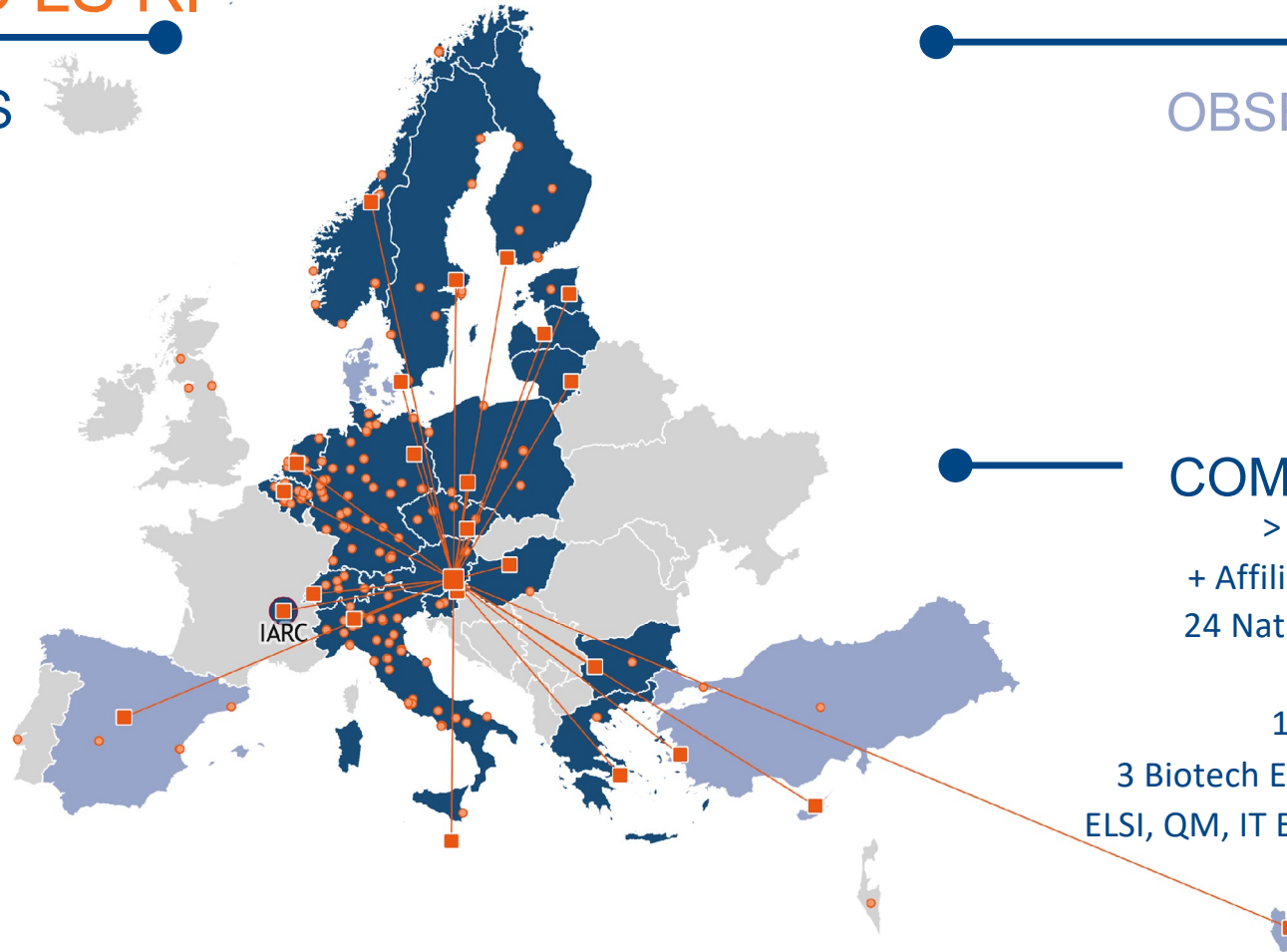
BBMRI-ERIC IS

A DISTRIBUTED LS RI

20

MEMBER STATES

Austria
Belgium
Bulgaria
Cyprus
Czech Republic
Estonia
Finland
Germany
Greece
Hungary
Italy
Latvia
Lithuania
Malta
Netherlands
Norway
Poland
Slovenia



5

OBSERVERS

Denmark
IARC/WHO
Qatar
Spain
Turkey

COMMUNITY

> 400 biobanks
+ Affiliated partners
24 National Nodes +
IARC/WHO
1 Headquarter
3 Biotech Expert Centres
ELSI, QM, IT Expert Groups

BBMRI-ERIC STRUCTURING ERA THROUGH RELEVANT EU INITIATIVES



Public-Private Partnerships
(EPND, Conception, Bigpicture)

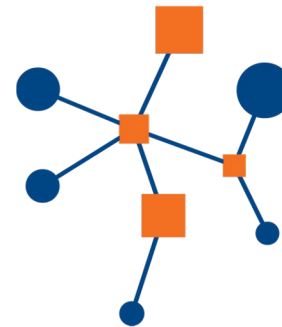


**European Health Data
Space (EHDS2pilot)**



1

**Cancer Mission &
Beating Cancer Plan**
(canSERV, EOSC4Cancer,
UNCAN.eu, EUCAIM etc.)



EOSC Association
(e.g., Corbel, EOSC-
Life, EOSC Future)

5

Pandemic Preparedness
(e.g., ISIDORe, BY-COVID,
BBMRI-Directory)

2

ESFRI RIs
(ERIC Forum, LS RI
Strategy Board etc.)

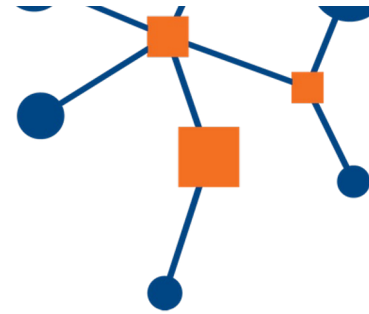
3
ERIC
FORUM

**European Partnerships in Horizon
Europe (Personalised Medicine,
Rare Diseases)**

4



BBMRI-ERIC's future perspective relevant for EOSC FEDERATION



- **Datafication of biobanks & biomolecular resources with Biobanks operating as data centers**
 - Availability of data sets and development of incentive schemes for data generation, data sharing, data reuse, and data return
 - through federation of federations
- **Bridging gaps between scientific disciplines, research communities and regions**
 - Bringing together health, food and environment R&D communities
 - ☐ ***One Health Approach***

These principles are embedded in the new 10-year BBMRI Roadmap:
Biobanking for a Healthier World

BBMRI-ERIC's FEDERATED ACCESS PIPELINE

BBMRI-ERIC's MIABIS* FAIR Data include:

7,834 OMOP viables of clinical phenotype data with biochemical measurements, 10PB whole slide or radiology image data, OMICs data (> 200K genomes, proteomics, metabolomics etc.), National Registries connections with e.g. survival data and other data types incl. surveys, genealogy, patient-provided data.

*MIABIS: Minimum Information ABout Biobanking data Sharing



Training & Education in:

ELSI
IT
QM



Biobank Development
Health & Life Science
Research/Development
Outreach/Engagement

BBMRI-ERIC Directory is largest biobank catalogue worldwide:

400 biobanks with
5.1 Mio. patients across
32 countries.

BBMRI-ERIC Federated Platform features:

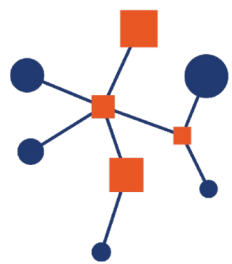
450,000 donors with
200,000 genomes
across
10 EU countries today.

BBMRI-ERIC's
10-Year Roadmap
for 2025-2035



**Biobanking for a
Healthier World**





BBMRI-ERIC[®]

biobanking for a healthier world

**THANK
YOU**

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