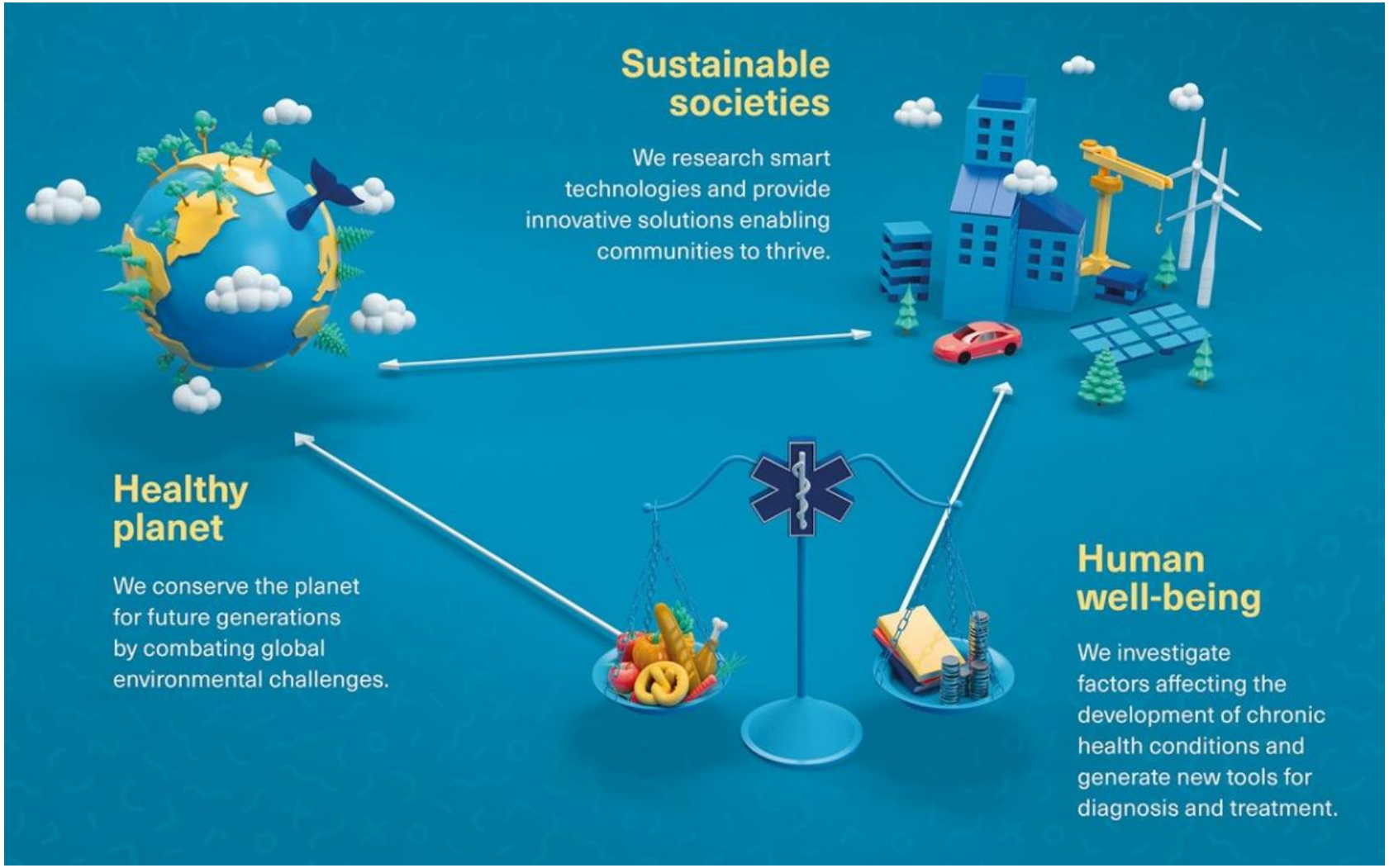
MUNI | RECETOX

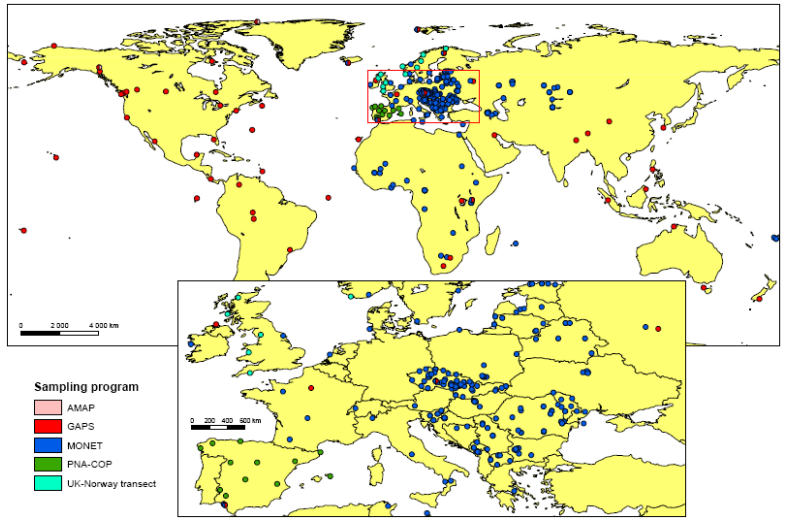
The EU Centre of Excellence in Environmental Health Science

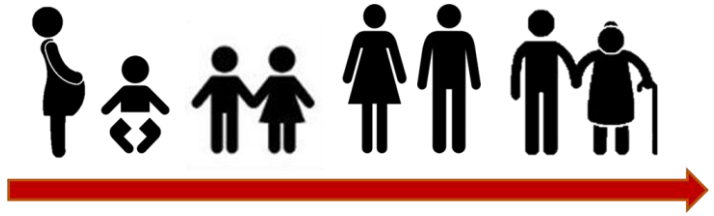


RECETOX RI: in the national roadmap since 2010





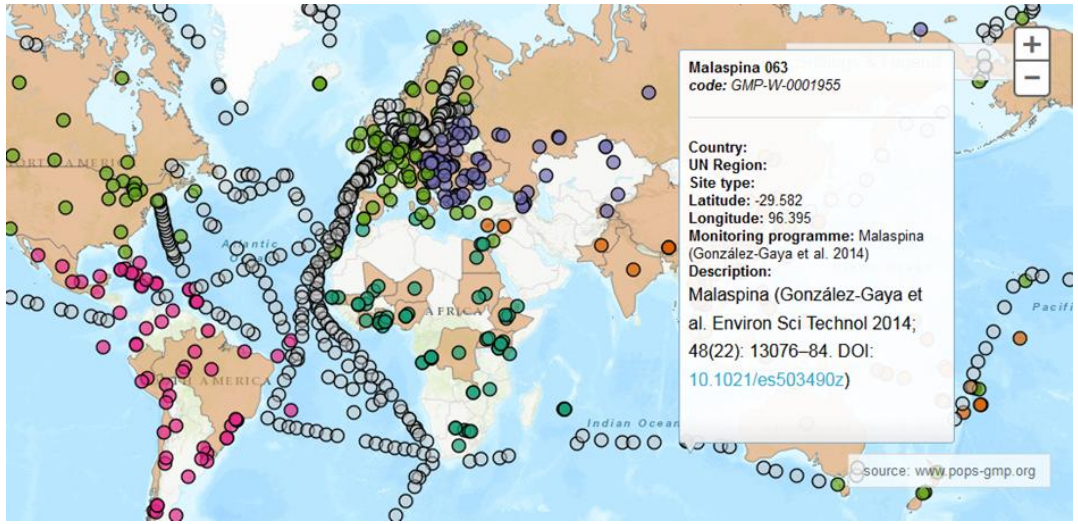






CELSPAC

RECETOX accredited laboratories
CELSPAC population cohorts
MONET environmental monitoring networks
GENASIS information platforms





EIRENE RI

Research infrastructure on Human Exposome

EIRENE RI

Research Infrastructure for EnvIRonmental Exposure assessmeNt in Europe

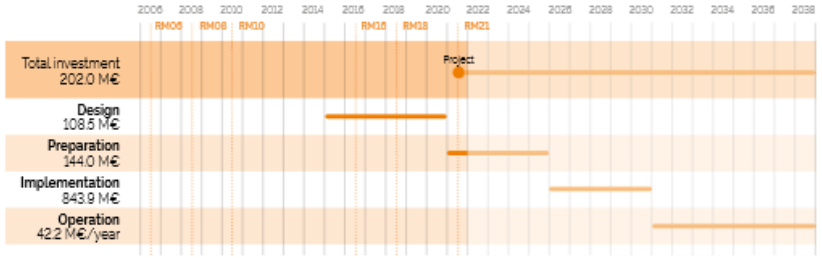
Website	Headquarters	Legal status	Type
pending	Masaryk University Brno, Czech Republic	pending	distributed

DESCRIPTION

The Research Infrastructure for EnvIRonmental Exposure assessmeNt in Europe (EIRENE RI) pioneers the first European Research Infrastructure on environmental determinants of human health, the Human Exposome. EIRENE RI intends to support large-scale research for the interdisciplinary assessment of environmental determinants of health, including indoor and outdoor environment factors, lifestyle, socioeconomics, and the individual's ability to cope with various stressors such as infection or disease. EIRENE RI will provide harmonised workflows and integrated services for data and sample collection, as well as knowledge and tools that will be made accessible to academic researchers, private companies, public authorities and citizens through the EIRENE open-access system and the EIRENE knowledge hub.

The concept of a pan-European infrastructure supporting research on the effects of long-term exposures to various types of stressors on population health and the roles these exposures play in the development of chronic diseases is based on ten-year experience of Czech national RECETOX RI. Entered in the ESFRI Roadmap 2021, EIRENE RI already connects 50 research institutions from 17 countries. It builds on the legacy of the European environmental monitoring networks and their databases (EMEP, GMP, GMOS), GEO Initiatives (GOS4POP and GOS4M) and related H2020 projects (ERA PLANET, e-SHAPE), EU biomonitoring initiatives (DEMOCOPHES, HBM4EU), UNEP/WHO global biomonitoring efforts, EU exposome (HELIX, EXPOSOMICS, HEALS and EHEN cluster) and other related projects (HERA, EURION cluster).

TIMELINE & ESTIMATED COSTS



INTERCONNECTIONS



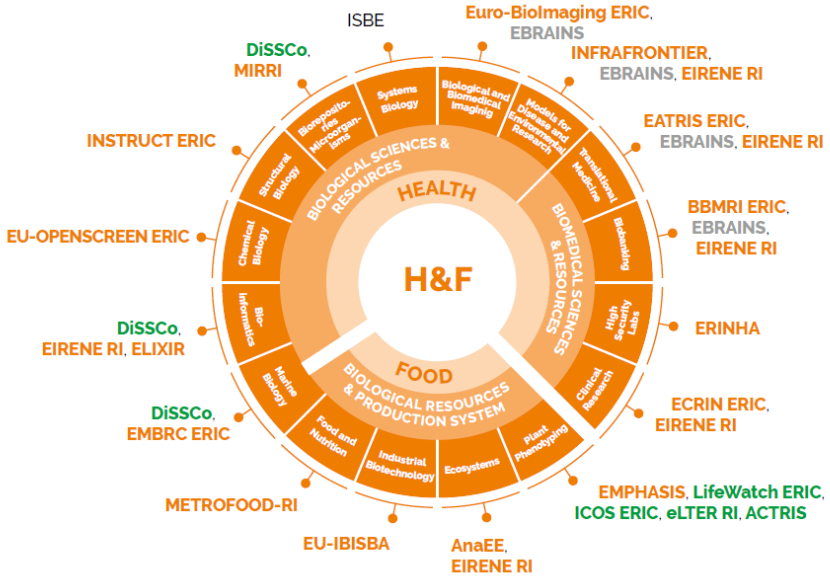
POLITICAL SUPPORT

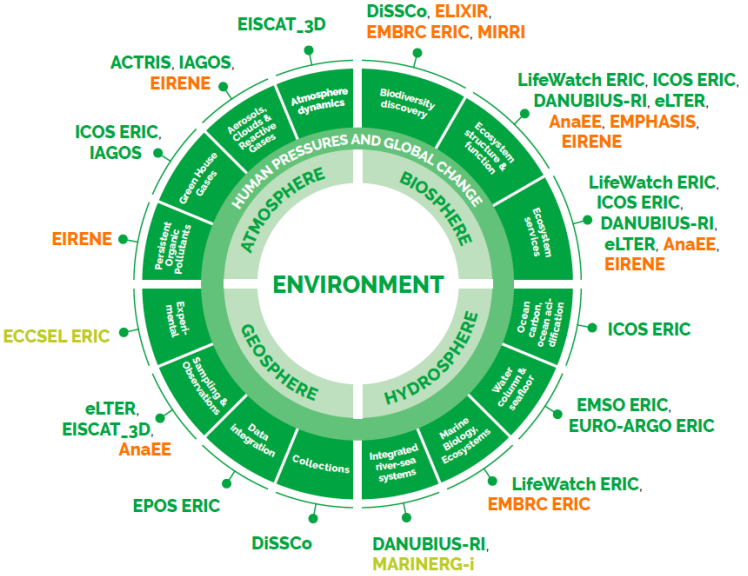


Lead
CZ

Prospective member
AT, BE, DE, EL, ES, IS, IT, NL, SK

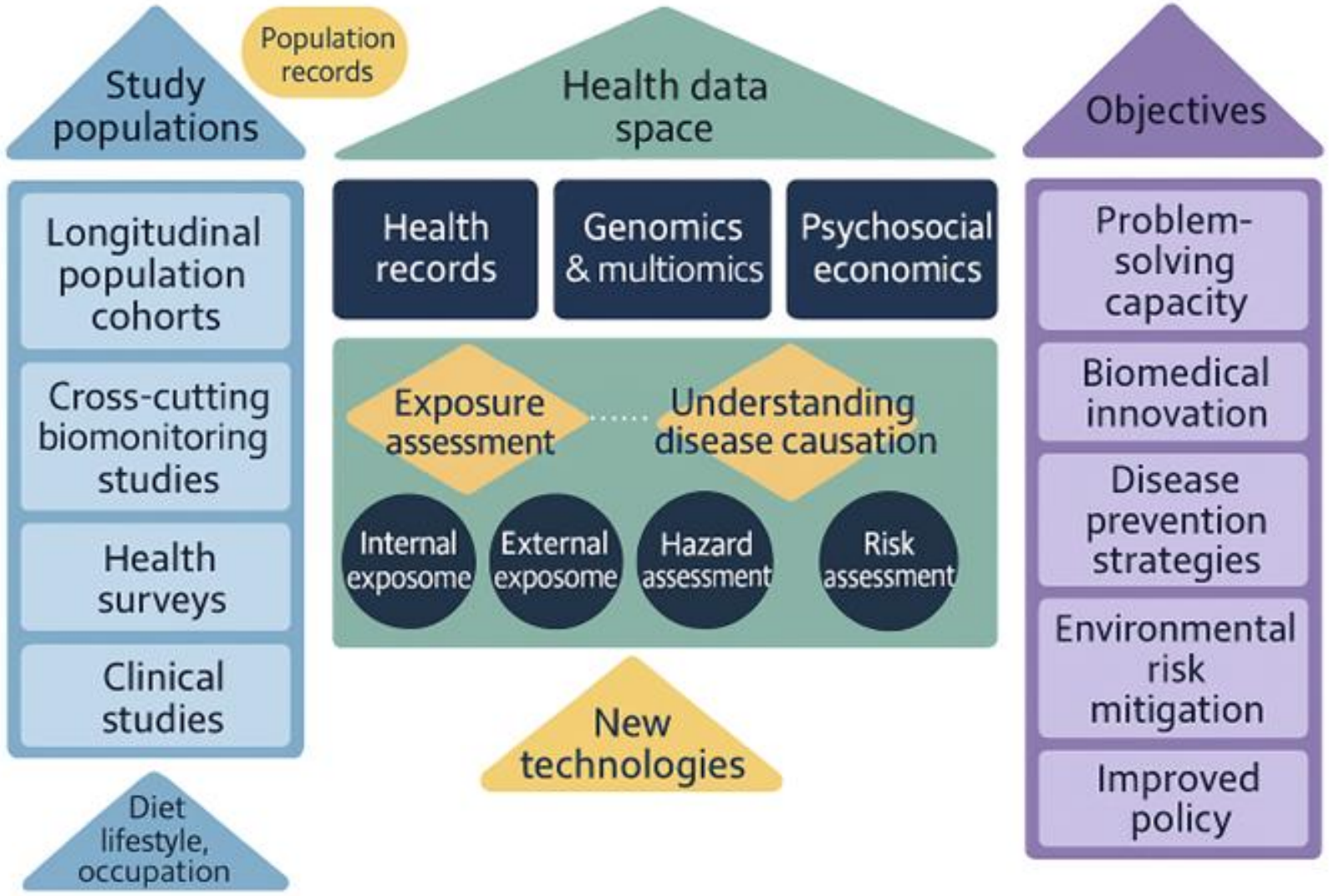
- **Austria, Belgium, Czechia, Italy, Netherlands**
- Germany, Greece, Island, Slovakia
- France, Norway, Sweden
- Finland, Slovenia, Spain, UK, US
- Cyprus, Denmark, LX, Portugal
- Australia, Canada, Japan, Switzerland
- EMBL/EBI





EIRENE RI

SIRENE: Linking environment & health



EIRENE
BBMRI
ECRIN
EATRIS
ELIXIR
SHARE
ACTRIS
ICOS
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EMBRC
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INSTRUCT

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