



# RESEARCH INFRASTRUCTURE FOR ENVIRONMENTAL EXPOSURE ASSESSMENT IN EUROPE

**ESFRI Roadmap 2021 Launch event**

7th December 2021

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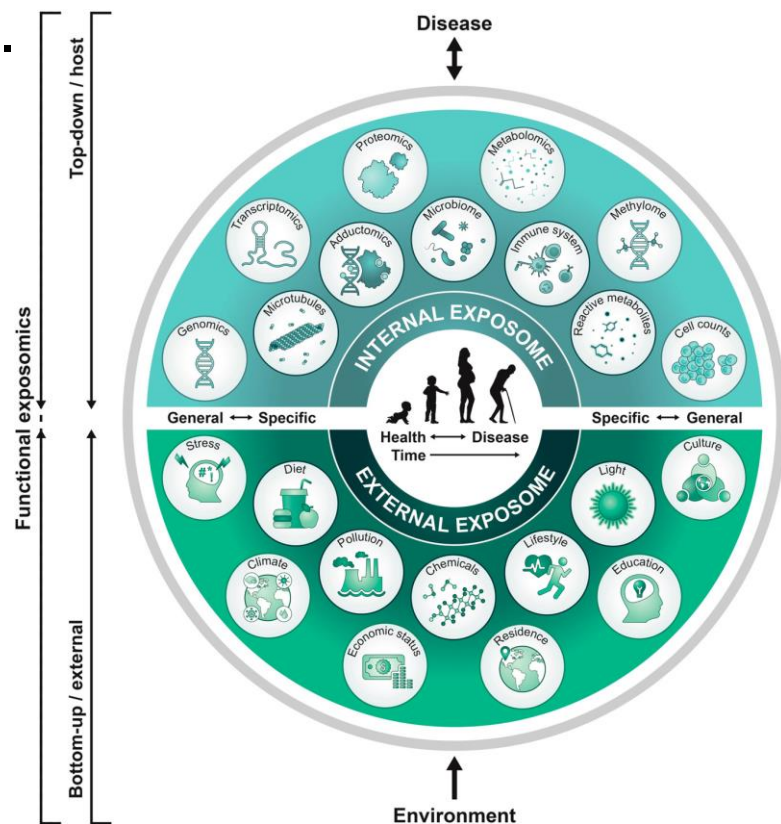
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# Why EIRENE?

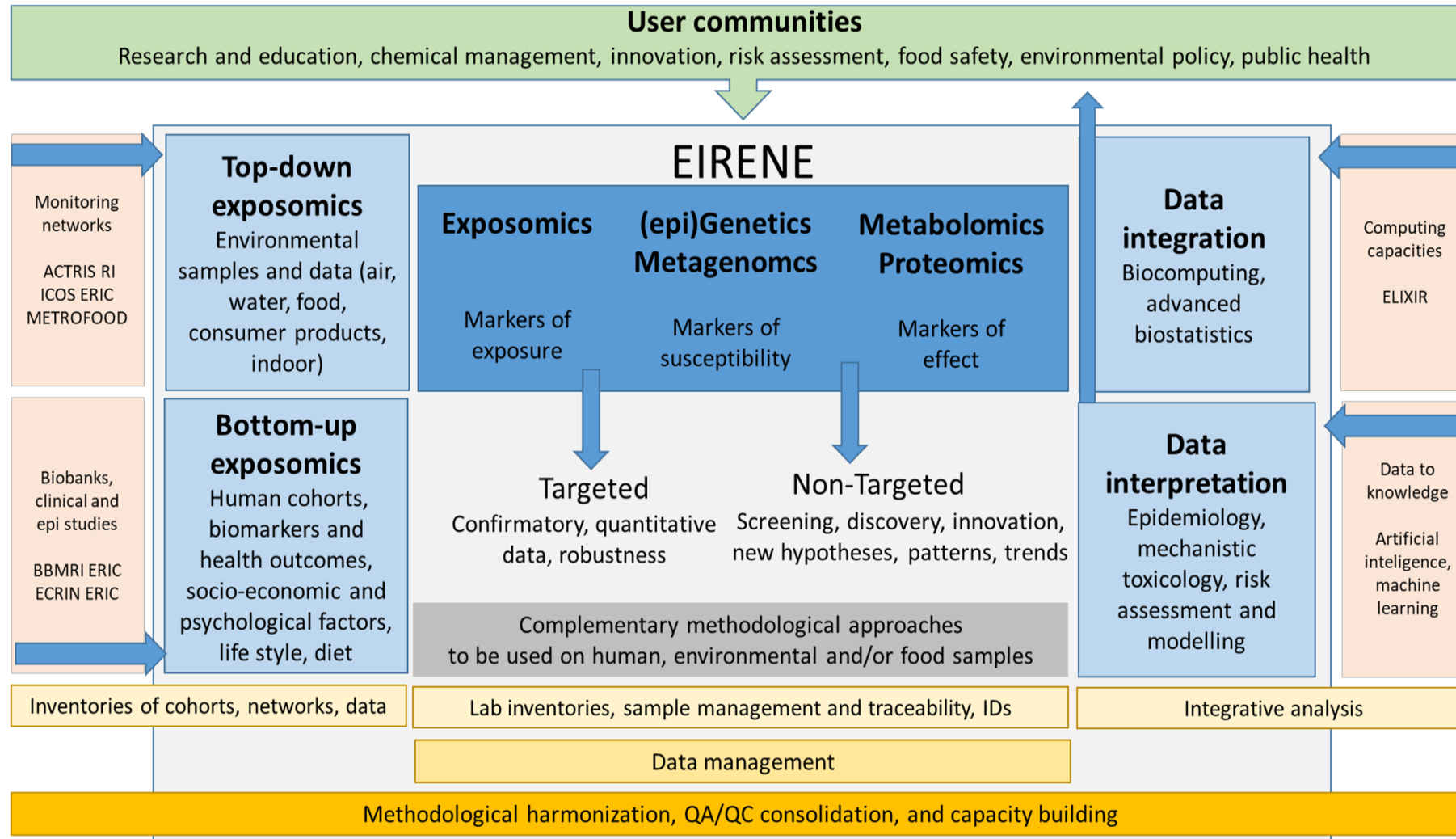
EIRENE fills the gap in the European infrastructural landscape and pioneers the **first EU infrastructure on human exposome**.

- major gaps relate to chemical exposures;
- existing environmental RIs do not address a chemical pollution;
- Capacities needed for implementation of the European Green Deal (Zero Pollution Ambition);
- an experience from implementation of the H2020 EJP (HBM4EU) and preparatory phase of Horizon Europe Partnership (PARC) clearly shows that a lack of harmonization and missing infrastructure are major obstacles preventing sustainability;
- exposome project clusters do not provide an environment for building a systematic structure for innovative assessment of complex exposures.



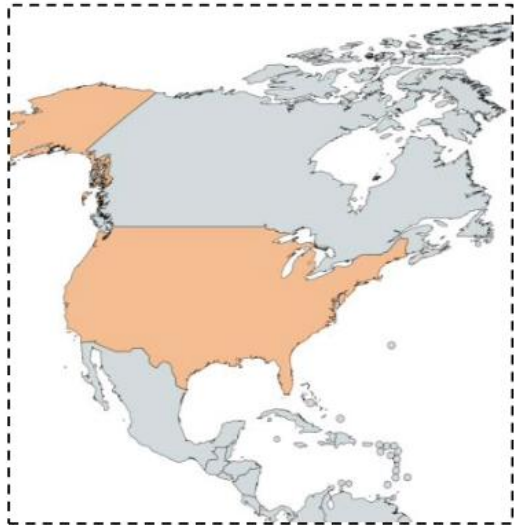
<https://doi.org/10.1021/acs.estlett.1c00648>

# EIRENE RI Scientific framework



# EIRENE RI consortium 2021

17 national hubs, 50+ individual partners



## Member states:

Austria	Italy
Belgium	Netherlands
Czech Republic	Norway
Finland	Slovakia
France	Slovenia
Germany	Spain
Greece	Sweden
Iceland	UK
	USA

EIRENE RI is open for new members