Expression of Interest / Partner Search Profile

Horizon Europe - Cluster 1 Health

1. Purpose of this EOI

What are you looking for?	Intended role in the consortium
Select all that apply.	Select one option.
X Find a consortium for a specific topic	☐ Coordinator
☐ Respond to a published partner search	X Partner
☐ Find partners for a consortium you are building	☐ Open to either role
X Increase your visibility for future collaboration	☐ To be discussed

2. Contact details

Organisation	*National Center for Cartography (CNC)*
Contact person	*Florina Balint*
Country / City	*Romania / Bucharest*
E-mail	*florina.balint@cartografie.ro*
Website / profile link	*www.cartografie.ro* *https://www.linkedin.com/company/national-center-for-cartography*

3. Organisation profile

Organisation type

☐ University	☐ NGO / patient organisation
☐ Research organisation	X Public authority / public body
☐ Hospital / clinical organisation	☐ Other
☐ SME / company	

Short profile Keep it concise and relevant to the collaboration area.	*The National Cartographic Center (CNC) is the official national mapping authority in Romania, operating as a public body with legal personality subordinated to the National Agency for Cadastre and Land Registration (ANCPI). CNC is legally responsible for the development, maintenance, and upgrade of national geodetic networks, official topographic databases, and the national spatial data infrastructure.*
Main expertise / capabilities	*Management of official national cartographic datasets and topographic databases (TOPRO5); management and operation of the*

Mention the methods or capabilities that define your profile.	*Romanian Position Determination System (ROMPOS); integration, management, and standardisation of spatial datasets in compliance with the INSPIRE Directive.*
Relevant experience / evidence Previous EU/national projects, validated technologies, publications.	*CNC has a proven track record in implementing national geospatial data infrastructure and standardizing spatial databases. The institution is an active technical partner in international research frameworks under the Horizon Europe program, including the CARMINE and I-DEAL projects, as well as past collaborative research initiatives such as the VOLTA project.*
Keywords Specific terms that make the profile searchable.	*National Mapping Authority; Spatial Data Infrastructure; GIS Data Integration; INSPIRE Interoperability; ROMPOS; Spatial Data Standardisation.*

4. Topic / area of interest

Specific topic(s) If identified, include the complete topic code and title.	*HORIZON-HLTH-2027-01-ENVHLTH-02 (Integrating climate-related exposures into the human exposome **and characterising its changes in response to climate change**)*
Broader area(s) of interest Use this if a specific topic has not yet been selected.	*Horizon Europe - Horizon Europe Cluster 1: Health*

5. Topic-specific contribution

Complete this section with information tailored to the topic or collaboration opportunity.

Relevant expertise Specify the knowledge or competences offered by your team.	*CNC provides core competence in Geospatial Data Management, Alignment, and Harmonisation. We specialize in standardizing multi-layered spatial data infrastructures, ensuring that localized environmental indicators, climate data, and socio-economic or demographic distribution grids can be precisely aligned with geographical coordinates and administrative boundaries.*
Assets / resources Mention the specific resources you can provide access to.	*Direct access to Romania's official, legally certified national topographic databases and geodata frameworks. Advanced GIS computing infrastructure, robust spatial database systems, and a specialized technical team of geodetic, database, and GIS engineers.*
Proposed contribution Describe the specific activity you can contribute to the project.	*We can contribute to a technical work package on Data Harmonisation and Baseline Architecture:* *1. **Geospatial Grid Management**: Harmonizing and alignment of external territorial data layers (such as demographic distribution grids or localized geographical parameters) within a certified national spatial framework.*

	*2. **INSPIRE-Compliant Interoperability**: Structuring geospatial databases and data-sharing interfaces to comply fully with the INSPIRE Directive, enabling secure and standardized data integration between clinical researchers, public authorities, and mapping frameworks.*
Relevant evidence Refer to previous relevant contributions.	*Ongoing implementation and management of the national geospatial infrastructure (INIS Geoportal) and technical execution of data interoperability protocols under EU regulations.*
Added value / relevance Mention the unique advantage you bring.	*As the official public mapping authority, CNC ensures that the baseline geographic data used in the project is legally validated and technically accurate. This prevents mapping errors and provides consortia with a certified cartographic foundation.*

6. What are you looking for in a potential partnership?

Complete this section if you are actively looking for partners or a consortium. (Optional)

Expertise / capability sought Mention the expertise / capability needed from prospective consortium partners.	*Medical research institutions specialized in chemical and biological exposome profiling, epidemiological research teams, public health authorities, and organizations analyzing socio-economic determinants of health.*
Expected contribution from partners Describe the contribution that is needed from future consortium partners.	*To provide the clinical, biomedical, and epidemiological frameworks; to cross-reference our structured geospatial environmental data with medical cohort profiles.*
Current consortium status Describe the stage of the consortium-building process.	*Early partner-search stage; looking to join an emerging international consortium as a technical and geospatial data partner.*

7. Consent to circulate / publish

Circulation through the NCP network X I consent to the circulation of this EOI, including the contact details provided above, through the NCP network for partner-search purposes. ☐ I do not consent to the circulation of this EOI through the NCP network.	**Publication on the NCP UEFISCDI Partner Search page** X I consent to the publication of this EOI, including the contact details provided above, on the NCP UEFISCDI Partner Search page. ☐ I do not consent to the publication of this EOI on the NCP UEFISCDI Partner Search page.