New European Bauhaus Facility - Matchmaking event 2025

Project SUS-neighbours:
massive microspatial data analysis for Europe

- Goal: **A European database at the *neighbourhood* level to assist in socioeconomic and environmental SUStainability**
- Proponent: **Fernando Bruna**, Univ. da Coruña, Spain
- Topics: **Destination 1**- Connecting the green transformation, social inclusion, and local democracy
  - HORIZON-NEB-2025-01-PARTICIPATION-01: The impact of common space on neighbourhood communities
  - HORIZON-NEB-2025-01-PARTICIPATION-02: Fostering and maintaining the social fabric for the green transition in neighbourhoods
  - HORIZON-NEB-2025-01-PARTICIPATION-04: Network of neighbourhoods for innovative policies on gentrification

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Project SUS-neighbours

- ECOBAS is an **interuniversity centre** composed of researchers from the universities of Galicia, a thriving region in northwest Spain: the universities of Vigo, Santiago de Compostela, and A Coruña. The centre approaches economic, social, and environmental sustainability from the social sciences. Its is experienced in EU-funded projects.
- Euro-Funding is an **international consulting firm** supporting ECOBAS European projects.
- Fernando Bruna is an **associate professor of economic growth and spatial economics** at the University of A Coruna, and a member of ECOBAS. He holds three BAs in Economics, Sociology, and Political Science, an MA in Applied Economic Modelling, and a PhD in European regional development. He has also been the manager of a consulting firm and a member of the LINK Project Research Centre (Toronto) and the Institute of Economic Forecasting L. R. Klein (Madrid).

Microspatial data analysis, Fernando Bruna (f.bruna@udc.es)

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Details

- Niche: Poor quality of comparable data at the municipal and neighbourhood level.
- Description: **European Microspatial Socioeconomic Analysis. Urban and Rural Neighborhoods as Economic, Sociological, Ecological, land, and Health Contexts**
- Methodology: Intersecting available data defined for census sections and postal codes with satellite images to define neighbourhood features and living conditions, social indicators, crops, green spaces, access to services, and so on.
- Open-source software: A main tool will be **R**, to share scripts. R use is not a requirement.
- Availability for PhD. Thesis and supervision of postdoctoral projects.
- Current stage: Starting the project for Spain and **searching for partners in all the EU members** and EU-associated countries.
- Possible role in consortium: **Part of the coordination team, work package leader, or partner**.
- Other interests: Project compatible with other topics in Cluster 2 or 6, or Horizon Missions.

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Summary

- Actively searching for partners for the next step in spatial analysis: **massive microspatial diagnosis for comparative and causal analysis, and policy design, at neighbourhood, municipal, regional, and European levels.**
- This is a tool for economic, social, and environmental SUStainability.
- Proponent: Fernando Bruna, ECOBAS.
- Interested in topics related to Horizon projects in NEB facility, Mission Soils, or Clusters 2 and 6.
- Open for consortium formation and general discussion about European needs for the massive analysis of microspatial data.

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