



Call for Incentive Research Collaboration 2024

Project ETHICAL

A Complex Systems Approach to Migration Dynamics:
Policies Towards Socio-Economic Sustainability

AURORA



Co-funded by
the European Union



PROJECT IDENTIFICATION

Project title:

A Complex Systems Approach to Migration Dynamics: Policies towards Socio-Economic Sustainability

Project acronym: ETHICAL

COORDINATOR



Principal researcher:

Pietro De Lellis

University:

University of Napoli Federico II
Department of Electrical Engineering and Information
Technology

Email: pietro.delellis@unina.it

PARTNERS

Principal researcher:

Lucie Macková

University:

Palacky University Olomouc
Department of Development and
Environmental Studies

Email: lucie.mackova@upol.cz

Principal researcher:

Silke Meyer

University:

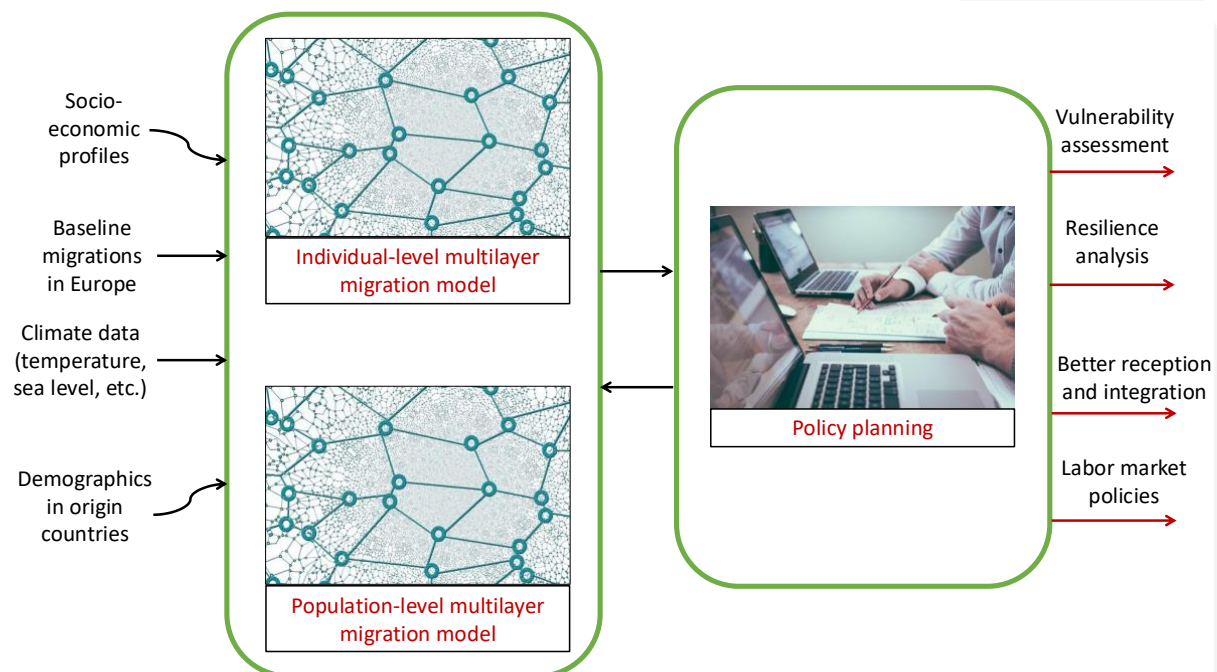
University of Innsbruck
Department of History and European
Ethnology

Email: silke.meyer@uibk.ac.at

OBJECTIVE

The main goal of project ETHICAL is to develop a comprehensive, multi-scale model that captures the arrival and distribution of mixed migration flows within the European Union (EU). This study will encompass the broader dynamics of migration within and towards the EU, considering the complex factors that contribute to migratory trends and patterns.

ILLUSTRATION OF THE PROJECT



SOCIAL IMPACTS AND TARGETED SDG

The project's societal impact lies in its potential to enhance understanding of the complex factors driving human migration, including environmental conditions, political tensions, and individual choices. By developing quantitative models - cross-referenced with ethnographic material - and a network representation of migration dynamics, the project aims to improve predictions of migration flows, aiding in the organization of migrant reception and integration, and informing policy planning. Additionally, it allows to appraise climate change effects on migration (see, e.g., the situation in Senegal) and seeks to provide EU policymakers with tools to manage the consequences of such migrations. The insights gained are expected to be applicable in Europe and beyond, aiding in the development of strategies to cope with migration due to climate change.

AURORA ADDED VALUE

Enhanced Credibility: The Aurora network's reputation for excellence boosts the credibility of the research, attracting attention and support from EU bodies.

Resource Sharing: Aurora's network facilitates resource sharing among the groups, leading to more efficient research processes and outcomes.

The Aurora collaboration enriches the research landscape and strengthens the consortium's ability to impact the study of migrations and shape EU migration policy.