



mistral

www.project-mistral.eu

A toolkit for dynamic health impact analysis to predict disability-related costs in the aging population based on three case studies of steel-industry exposed areas in Europe

AMBITION

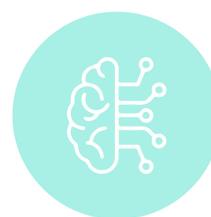
We combine a solid scientific approach with cutting-edge AI-based technologies to provide immersive digital tools that will enable stakeholders to build dynamic and personalized policies.



Pollution is a global problem with health, social and economic impacts



Reduced quality of life affects the economy by imposing a major burden on public services



Immersive Data Visualisation and Counterfactual Artificial Intelligence Modeling will help explore simulated scenarios

THREE EUROPEAN CITIES WILL BE INVOLVED AS CASE STUDIES

Taranto, Rybnik and Genk/Hasselt, representatives of different air pollution levels, will be involved to collect primary (ZEPHYR) and secondary (TRAMONTANA) data on health status, lifestyle, diet, socioeconomic status, well-being, and environmental exposure.

Studies in numbers:

3648

Citizens of different ages (6-15, 18-65, >65)

33,6k

Citizens from Electronic Health Records (EHRs)

>10

General Practitioners and Paediatricians



CONSORTIUM

We work at the crossroads among different disciplines: public and environmental health, epidemiology, computer and data science, architecture, economics, physics, bioengineering, biology, healthcare profession, social science, law and ethics.

7

Countries



>60

Researchers



4€

Millions



4

years



Funded by the European Union

