



MePreCiSa

MEDICINA DE PRECISIÓN
PARA CIUDADES SALUDABLES

A new health management model

Big data for analysis and prognosis of human well-being

The MePreCiSa project provides a cloud platform to **facilitate research and decision-making** in cities. The fusion of three key layers of information allows us to **create more accurate models and forecasts** of health and epidemiology on a large scale.

Integrated

Merging mobility, exposure and incidence



Open

Open-source and easy deployment in the cloud



Scalable

Independent of local resources



Extensible

For the integration of new data and models



Tested with real data

In three use cases



Mobility, **air quality** and health



Epidemic spread



Mobility and **wastewater epidemiology**

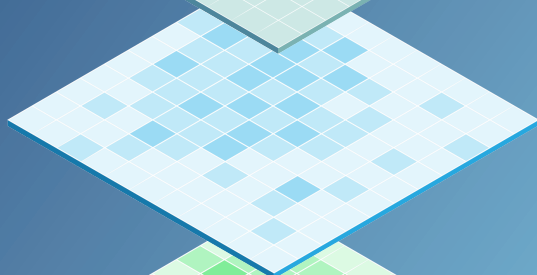


Three layers of analysis

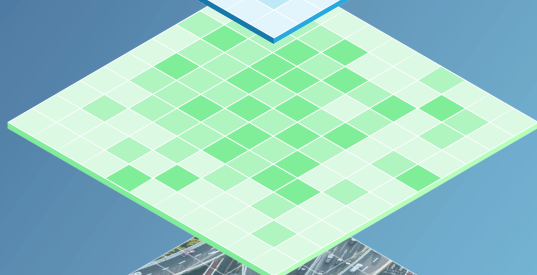
Integrated into a single platform



Mobility and dynamic population based on mobile-based mobility data



Environmental indicators on the concentration of air pollutants



Disease incidence related to environmental and infectious factors



MePreCiSa
MEDICINA DE PRECISSION
PARA CIUDADES SALUDABLES

This MePreCiSa project, part of the UNICO I+D Cloud program, is funded by the Ministry for Digital Transformation and Public Administration and by the European Union – NextGenerationEU, within the framework of the PRTR and the MRR.



**Funded by
the European Union**
NextGenerationEU



GOBIERNO
DE ESPAÑA

MINISTERIO
PARA LA TRANSFORMACIÓN DIGITAL
Y DE LA FUNCIÓN PÚBLICA



**Plan de
Recuperación,
Transformación
y Resiliencia**