

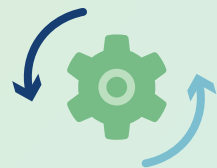
A new health management model

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



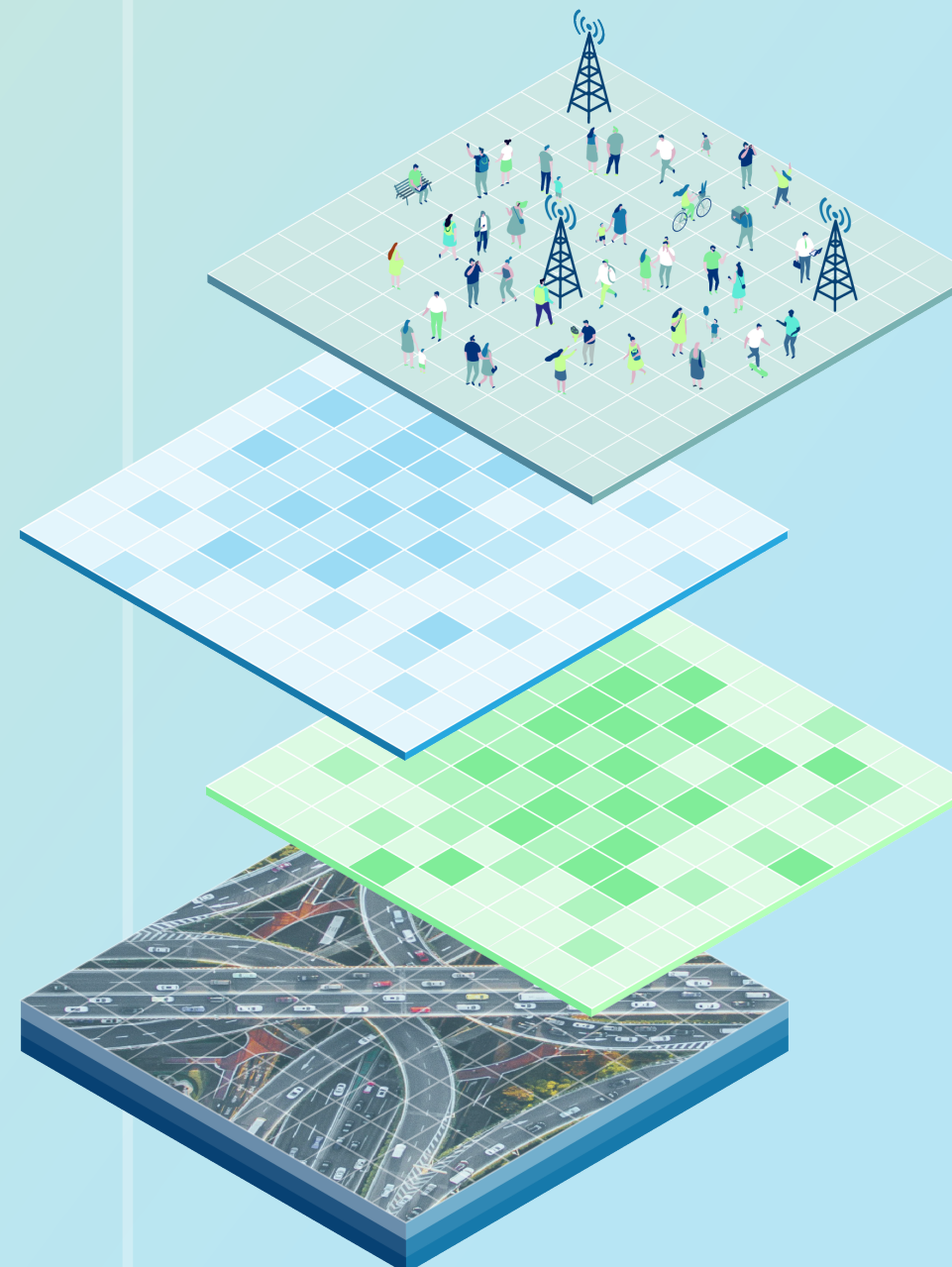
Epidemic spread



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



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