



AIR QUALITY DATASETS

Environmental data on the quality of the air we breathe in real time through public and private sources.

HOW CAN YOU **USE IT?**

- **Predict** air quality
- **Increase awareness** against pollution

POTENCIAL **IMPACT**

PUBLIC HEALTH **POLICIES:**

- The total global cost of premature deaths and air pollution diseases is 5 billion dollars.
- Inequality in access to clean air is responsible for one in every 8 deaths in the world.

* **Source:** World Bank

OTHER POLICIES: **URBAN, AGRICULTURAL, ENERGY...**

- For example, determine where is the best place to build a school or hospital based on air quality.



EXAMPLES OF DATASET USE



AeroState:

Start-up that provides predictions and analysis on air quality worldwide.



In the air, Madrid:

Visualization that makes visible the microscopic agents of the Madrid air to know their behaviour.

WHAT ARE THE **NEXT CHALLENGES?**



**Increase
the network of
measurement
points**



**Improve
measurement
quality**



FIND OUT MORE ABOUT AIR
QUALITY DATASET IN THE REPORT:
**“OPEN DATA IN REAL TIME: USE
CASES FOR SMART CITIES”**