



ILL 4 Know the air you breathe



Do you know how clean the air is that you breathe? Would you like to know when it's a good time to go jogging or walking outside? The project aims to connect small communities to the European real time air quality open data network and design policies for limiting traffic and construction sites working hours based on pollution levels. Create a campaign for private adoption of air quality sensors in cities and suburbs. You can be the change you need for a better community and a cleaner environment.

Cleaner air for a better health.



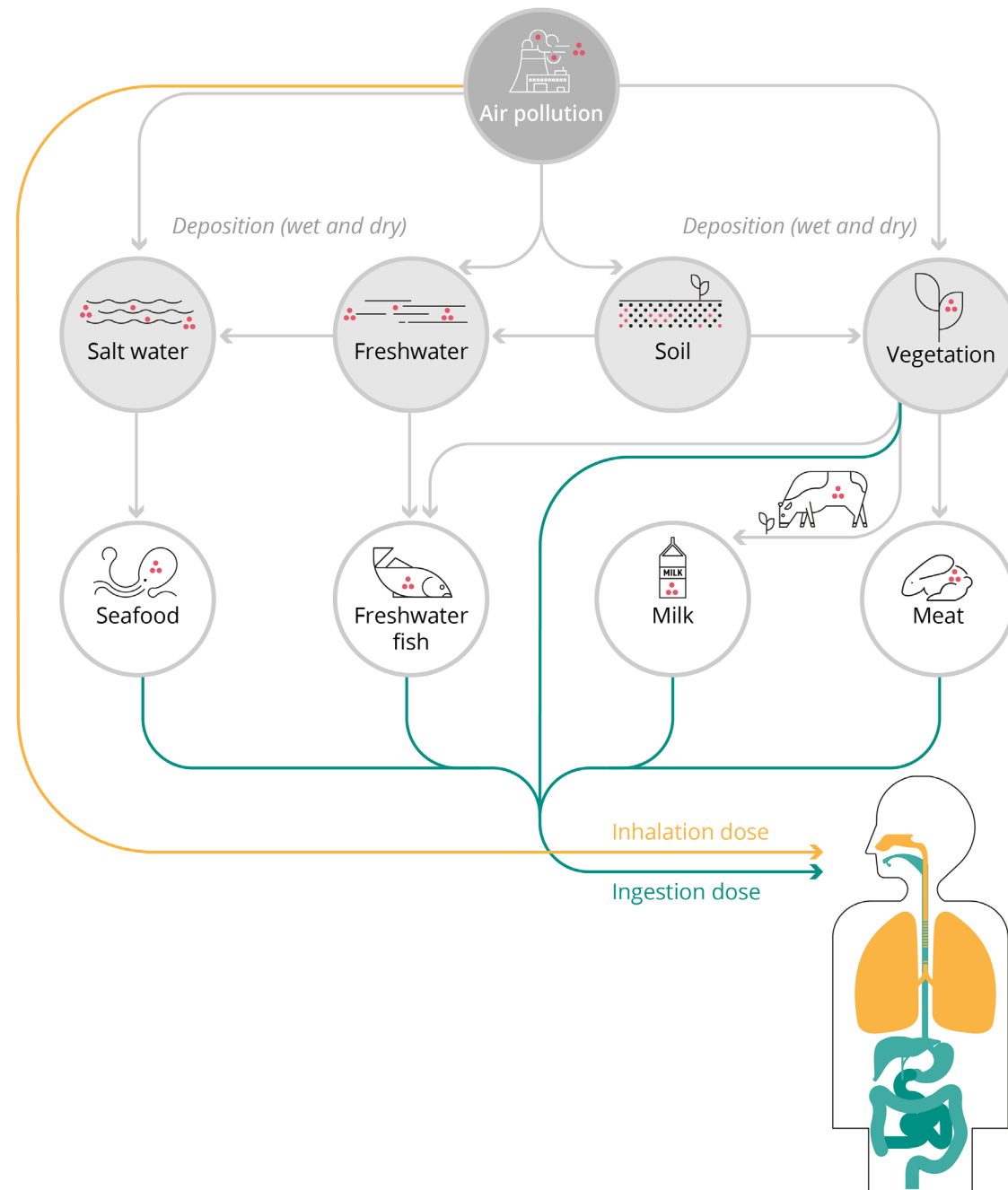
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Costs:

21 October 2020, Brussels – Air pollution costs the average European city resident €1,276 per year, according to the largest study of its kind.

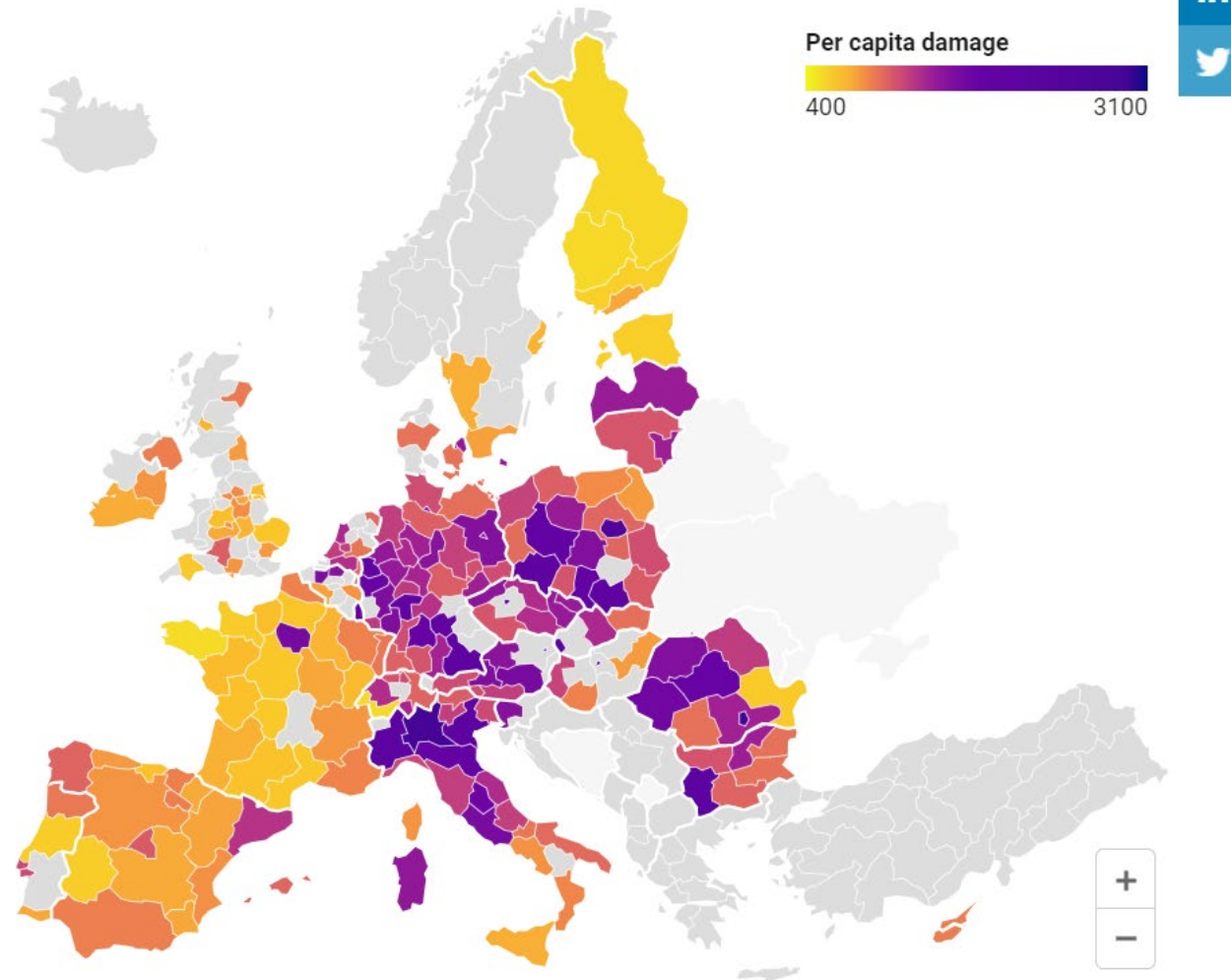
Air pollution costs for city EU residents amount to € 166 billion per year

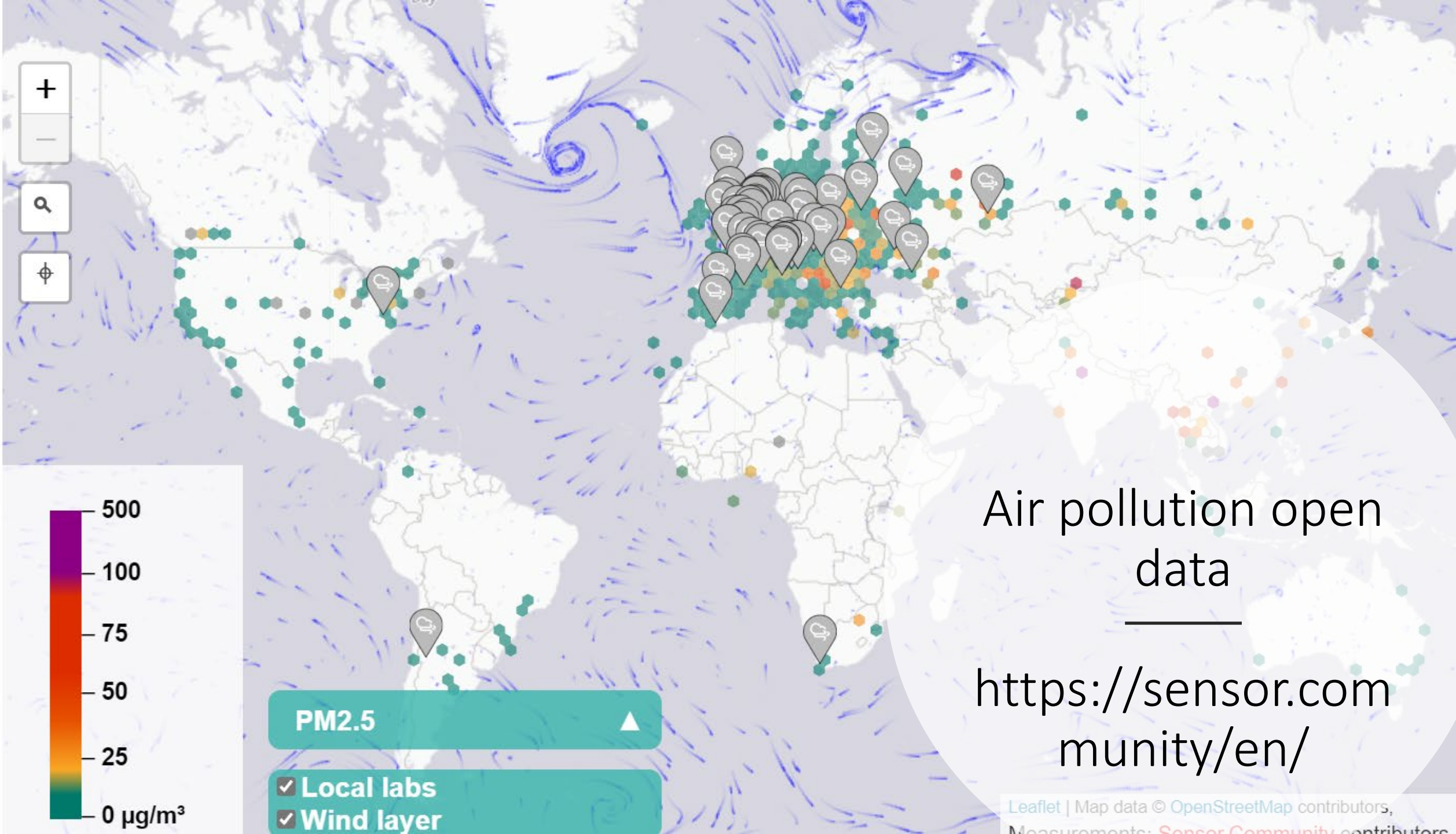


Source: Adapted from EEA, 2014.

Cost per Capita

The figure shows the cost per capita of air pollution in European cities.





Air pollution open
data

[https://sensor.com
munity/en/](https://sensor.community/en/)

PM2.5 ▲

Local labs

Wind layer

About I Living Labs

- The “I” in the I Living Lab stands for the adjectives that form the core of what an I Living Lab should be: Inspiring, innovative, intercultural, international, interdisciplinary, intersectoral, inclusive and intense.
- o Future Skills
- o Design Thinking
- o Portfolio in the ILL
- o Information on self-assessment

Future skills

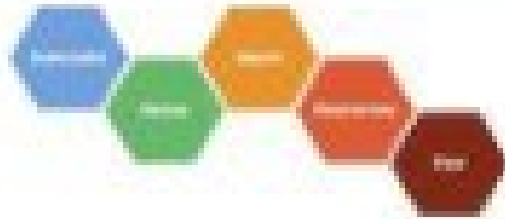
Overview of 17 skills profiles from three competence fields



Future skills



Individual Limits - Conceptual



While simple, design thinking is actually based on a different theory of knowledge –

- you can't get reliable data about the problem
- data reduction and "solving" methods are futile
- prototype: iteration resolves the problem

Stanford

limited discussion

Design Thinking

E-Portfolio

Each student chooses a “reflection partner”. In bi-weekly meetings, you reflect entries on portfolio and exchange on “Sparkling moment of the two weeks related to the project” (e.g. something worked out very well, an innovative idea emerged).



Name _____

Signature _____

Date _____

Self-assessment

ILL Team

- Educational Entrepreneur
- Students
- Stakeholder
- T-Shaped Innovator