

Which are...

THE CAUSES OF AIR POLLUTION?

What is AIR-POLLUTION?

In general, air pollution is **defined as the existence of certain pollutants in the atmosphere at levels that adversely affect human health, the environment, and our cultural heritage** (EEA, 2013)



Where it come from?

AIR-POLLUTION can be:

- 1- **NATURAL**: deriving from natural activities such as eruptions 🌿
- 2- **HUMAN-ACTIVITIES** related: caused by specific human activities 💡



Which HUMAN-ACTIVITIES?

There are various pollutants released into the air as a result of:

- 1- **Energy generation**;
- 2- **Combustion processes**: particularly from **industrial facilities, agriculture, households, waste and road transport** (EEA, 2013)



Why the MONI.CA Project?

NO_x, NH₃, SO₂, CO, BaP, PM are abbreviation for some of the pollutants deriving from human activities. **To make a change the MONI.CA project is developing a new tool for air monitoring to provide decision-makers more resources to implement evidence-based policies**

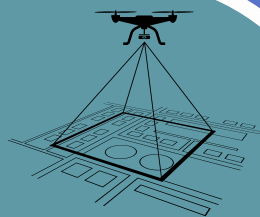


MONI.CA new tool

Consists in a system of:

- 1- **A solar glider**
- 2- **A set of drones**

Both systems will be equipped with sensor to measure various pollutants, as well as, the presence or lack of specific elements (buildings, trees, traffic, etc.)



MONI.CA new tool

This system is **PORTABLE** and **ADAPTABLE** to various contexts (urban, non-urban, etc.) and can provide decision-makers more data to be used to implement traffic management systems, new public infrastructure or new public transportation means and much more



Join us in spreading awareness and taking meaningful actions to address air pollution. Every small effort counts! 🌿🌱 Let's work together for cleaner air and a healthier planet! 🤝 Together, we can make a difference!

Stay tuned 🚀