



25 years of LIFE:

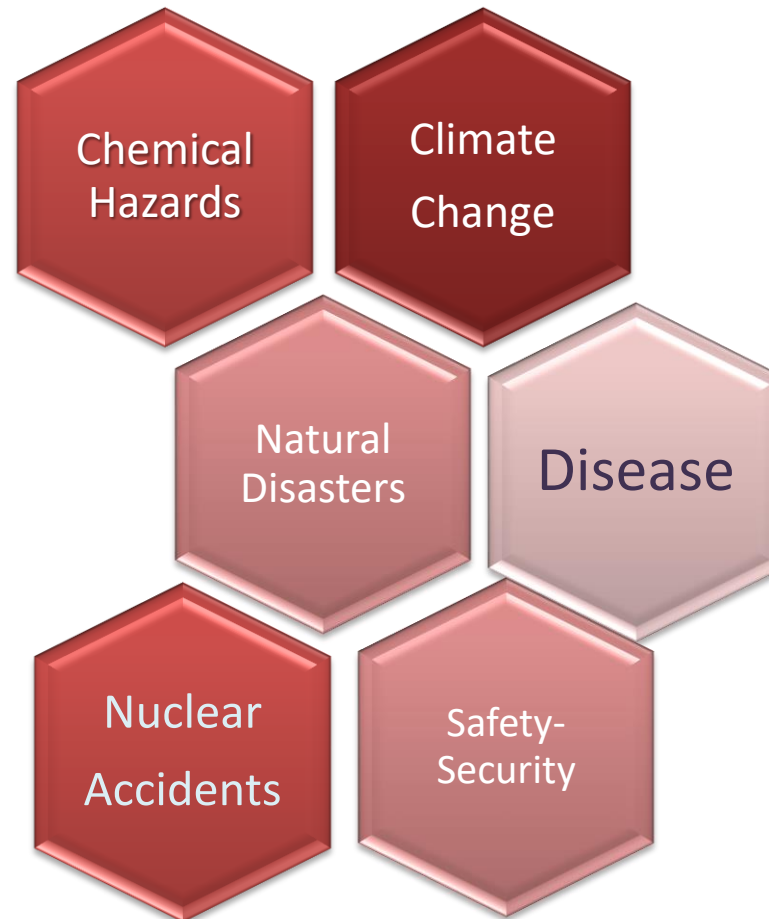


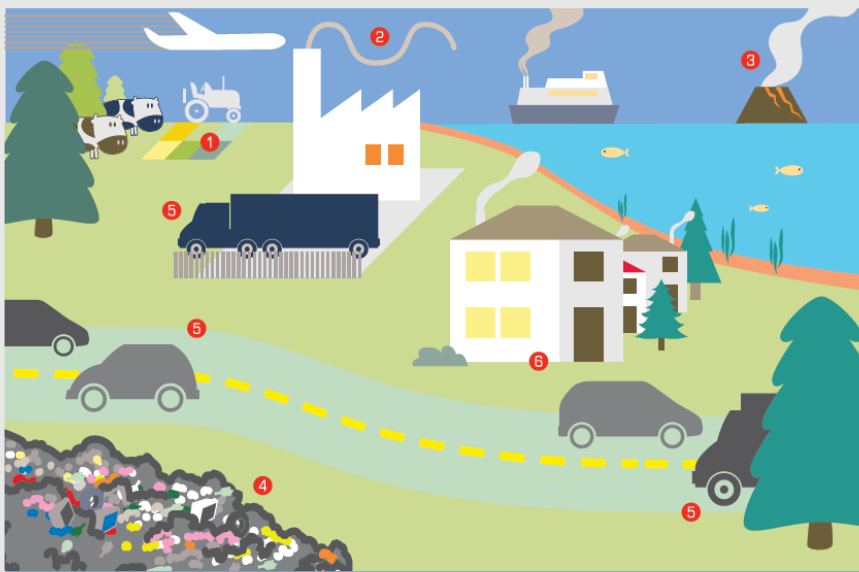
Innovative tools & technologies for Nature, Environmental Protection and Climate Action

**Helmos Mt station
2300 masl, Greece**

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The Environmental Challenges





1 / Around 90 % of ammonia emissions and 80 % of methane emissions come from **agricultural activities**.

2 / Some 60 % of sulphur oxides come from **energy production and distribution**.

3 / Many **natural phenomena**, including volcanic eruptions and sand storms, release air pollutants into the atmosphere.

4 / **Waste (landfills), coal mining and long-distance gas transmission** are sources of methane.

5 / More than 40 % of emissions of nitrogen oxides come from **road transport**.

Almost 40 % of primary $PM_{2.5}$ emissions come from transport.

6 / **Fuel combustion** is a key contributor to air pollution – from road transport, households to energy use and production.

Businesses, public buildings and households contribute to around half of the $PM_{2.5}$ and carbon monoxide emissions.

Source: EEA.

**Diverse sources,
processes and
impacts**



**policies
implemented**

Results and lessons learned from LIFE+ projects in Greece

ReWeee



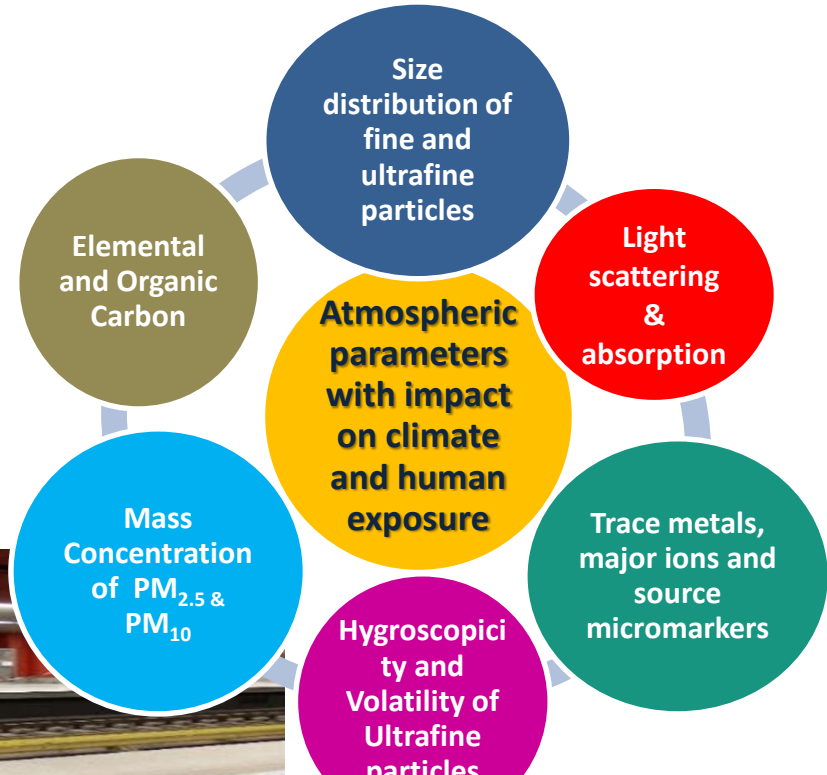
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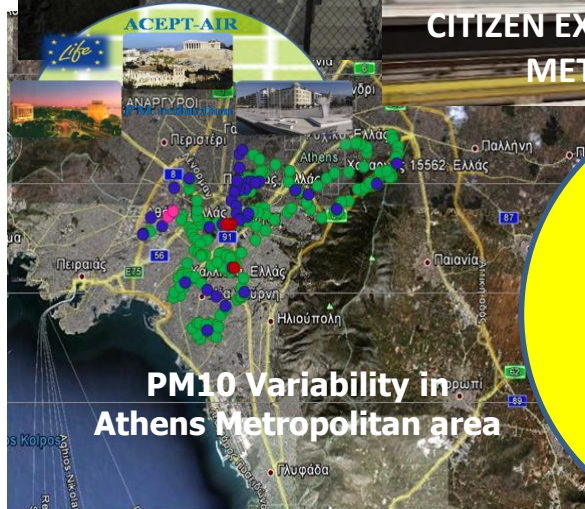
LIFE Capacity Building



**ATHENS GAW/ACTRIS
CONTRIBUTING STATION**



**CITIZEN EXPOSURE AT URBAN
METRO SYSTEMS**



Smart-city concept into a European network of cities, organizations and authorities, to enhance societal resilience to Urban Pollution.

Means and the technology to provide:

- improved spatial coverage
- with small operational footprint sensors
- Focus on carbonaceous aerosol (EBC)