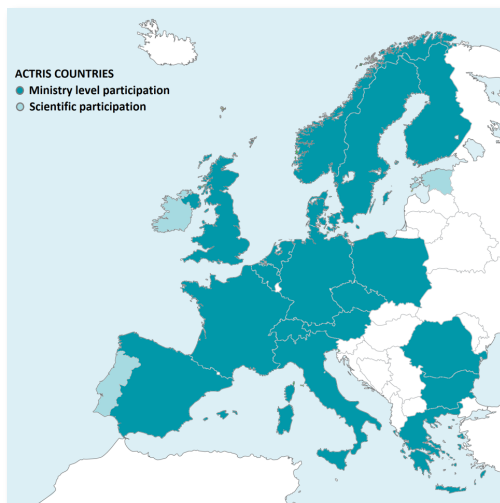


The European research infrastructure for high-quality data and observation standards of short-lived atmospheric species



Pan-European Commitment

- ACTRIS-ERIC legal entity will be soon established
- 19 countries are currently involved and 16 of them are already committed to becoming the founding members
- 220 Research performing organizations
- ACTRIS data and services are planned to start in 2022. ACTRIS will be fully operational in 2025.

ACTRIS fully-traceable FAIR data system



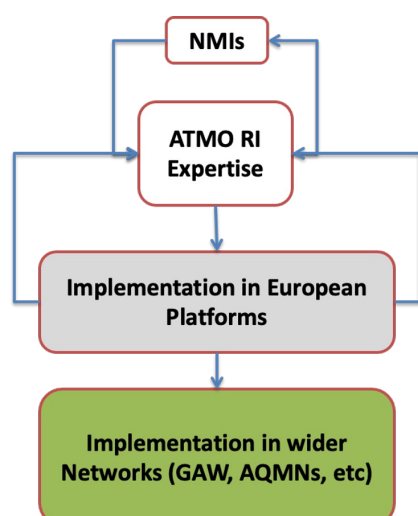
- 6 TCs for In-situ and/Remote sensing techniques operated by experts
- Best practice in atmospheric measurements enforced throughout the facilities



- 80 obs. facilities and 20 Experimentation facilities
- Support innovative technologies through access
- Provide ACTRIS data



- FAIR data management and curation of data
- Seamless access - Fully traceable to approx. 100 atmospheric variables
- Operates NRT QA/QC software for fast data delivery



Setting new standards for air quality and climate

ACTRIS measurements must remain state-of-the-art

- Evolution towards new variables : evaluation of user needs, defining standards with NMIs (EMPIR), enforcing SOPs throughout the network and beyond (WMO/GAW)
- Equivalence of new technologies for current ACTRIS measurements
- Establishing ACTRIS-technology compliant label