



## ACTRIS IMP

Piloting trans-national access for supporting the  
implementation of ACTRIS services

Sabine Philippin - CNRS



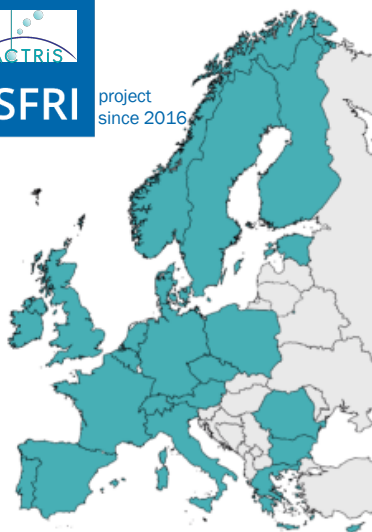
This project receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreements No 871115

ACTRIS is a distributed European research infrastructure offering a large variety of high-quality services for scientific, technological and innovation-oriented usage



ESFRI

project since 2016



Provision of access to a wide user community to ACTRIS resources and services to facilitate high-quality Earth system research

### European-level Central Facilities

ACTRIS Head Office

ACTRIS Data Centre

#### 6 ACTRIS Topical Centres (multi-national):

Centre for Aerosol in Situ Measurements  
Centre for Aerosol Remote Sensing  
Centre for Cloud in Situ Measurements  
Centre for Cloud Remote Sensing  
Centre for Reactive Trace Gases In Situ Measurements  
Centre for Reactive Trace Gases Remote Sensing

### National Facilities

#### Observational Platforms

Fixed ground-based stations located in representative environments: high-altitude / regional / rural / maritime / continental / Mediterranean...  
Many operational for decades with long record and experience of access

#### Exploratory Platforms

Atmospheric simulation chambers, mobile platforms and laboratories. The chambers have a long record of access offering access to a wide range of experimental capabilities: indoor / outdoor chambers, diverse instrumentation and applications

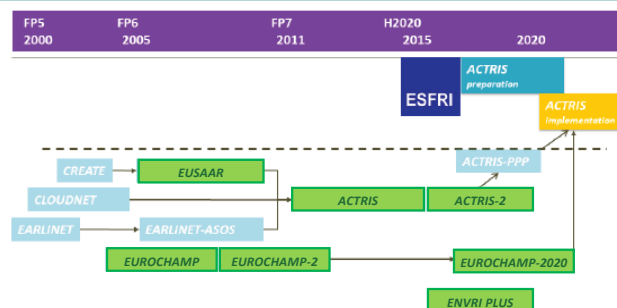
17  
countries  
in IAC

>120  
RPOs

>200  
Facilities

Provision of access to services via TNA (Integrated Activities) >15 years

Transition towards sustainable access under ACTRIS IMP TNA Pilot



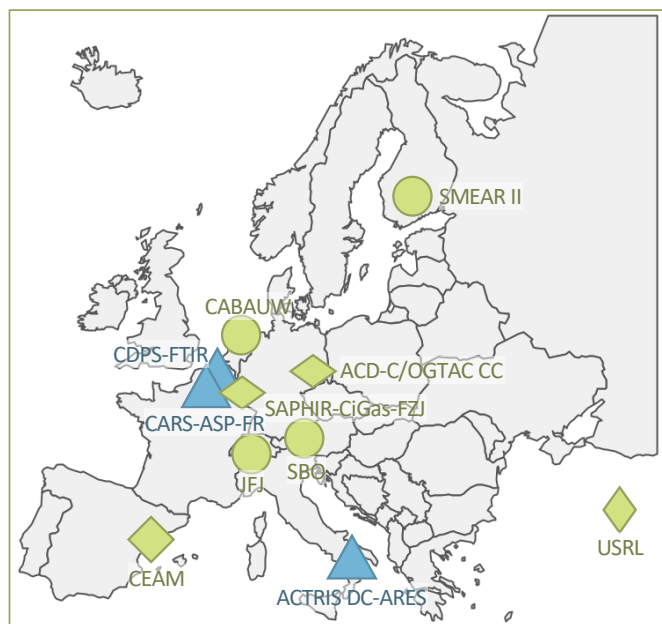
# Piloting trans-national access for supporting the implementation of ACTRIS services

## Provision of limited pilots of TNA to specific services to 11 ACTRIS Facilities

- To test and evaluate the service provision and access process and workflow
- To improve the reliability of the ACTRIS service provision
- To build a high level of user trust and satisfaction and increase the user base

### 11 ACTRIS Facilities

- ▲ Central Facility (DC / TC)
- Observational Platform
- ◆ Exploratory Platform – AS Chamber
- ◆ Exploratory Platform – AS Chamber combined with TC
- ◆ Exploratory Platform - Mobile



### Services with particular emphasis

- Forefront scientific exploration
- Technological development
- Training
- Potential for evolving user needs

High potential for involving users from the private sector:

- Prototype testing
- Joint developments
- Industrial applications

Attracting new users:

- from new/relevant regions
- multi-disciplinary applications
- tailored user services



ACTRIS IMP Kick-Off meeting, Larnaca, Cyprus – 2-6 March 2020



## Specificities of ACTRIS IMP TNA pilot

### → Scope of transnational access to specific ACTRIS services

- Single-entry point, managed by **SAMU** located at ACTRIS HO
- In line with **Access Management Plan (AMP)** defining the access and selection process– physical, remote, virtual
- Use of **Access management platform** to manage the access process
- Based on **ACTRIS data policy** and **ACTRIS access and service policy**
- Development of a Catalogue of Services

### → Pilot for testing and demonstrating the functionality of access concept and workflows and basis for full-scale implementation in operational ACTRIS

involving key players (users, access providers, SAMU and reviewers) for identifying design issues and detecting shortfalls and improving the efficiency and high quality of access and user support

### → 3 Calls for access with limited access provision

(250-300 AU: UWD, SWD, DAY, CAL, DPS)



## Specificities of ACTRIS IMP TNA pilot

### → Scope of transnational access to specific ACTRIS services

- Single-entry point, managed by **SAMU** located at ACTRIS HO
- In line with **Access Management Plan** (AMP) defining the access and selection process– physical, remote, virtual
- Use of **Access management platform** to manage the access process
- Based on **Access Management Plan** (AMP) defining the access and selection process
- Development of **Access Management Plan** (AMP) defining the access and selection process

ACTRIS IMP (2020-2023)

Launch of 1<sup>st</sup> call for access planned in September 2020

Current status:

potential delay due to COVID-19 of x months

### → Pilot for the development of **Access Management Plan** (AMP) defining the access and selection process and workflows

involving **Access Management Plan** (AMP) defining the access and selection process for identifying design issues and detecting shortfalls and improving the efficiency and high quality of access and user support

### → 3 Calls for access with limited access provision

(250-300 AU: UWD, SWD, DAY, CAL, DPS)

