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.

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

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

**Transition towards sustainable access under ACTRIS IMP TNA Pilot**

17 countries in IAC

>120 RPOs

>200 Facilities
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 ACTRIS data policy and ACTRIS access and service policy
  - Development of a Catalogue of Services 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

- Pilot for testing and validating the concept and workflows

- 3 Calls for access with limited access provision
  (250-300 AU: UWD, SWD, DAY, CAL, DPS)

ACTRIS IMP (2020-2023)
Launch of 1st call for access planned in September 2020

Current status:
potential delay due to COVID-19 of x months