

ECAC: Procedures and Requirements

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Office ECAC



Workshops

WCCAP

Calibration and Intercomparison of:

- Condensation Particle Counter (CPC)
- Mobility Particle Size Spectrometer (MPSS)
- Aerodynamic Particle Size Spectrometer (APSS)
- Optical Particle Size Spectrometer (OPSS)
- Integrating Nephelometer (IN)
- Absorption Photometer (AP)
- Extinction Monitor (EM)
- Cloud Condensation Nuclei Counter (CCNC)
- On-Site Intercomparison & Audit for MPSS

ERLAP

Inter-Laboratory Comparison for

- OC/EC Analysis (OCEC)

ACMCC

Calibration and Intercomparison of:

- Aerosol Chemical Specification Monitor (ACSM)

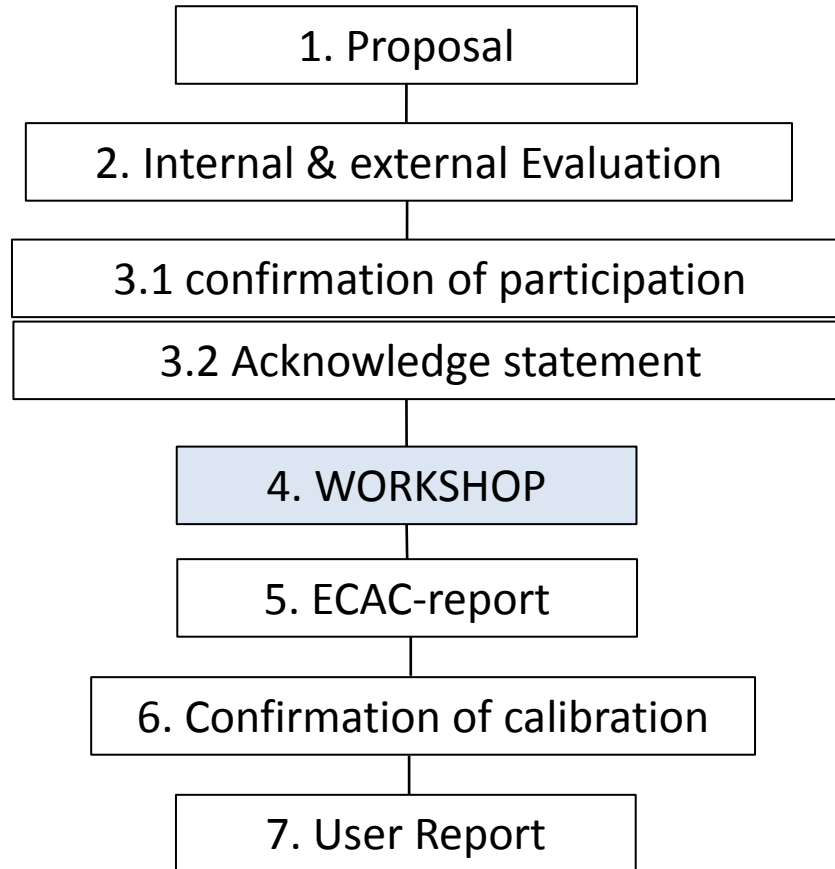
Requirements

- Eligibility of the user:
 - Transnational: PI works in a country other than the country where the installation is located (except: ECAC-ERLAP)
 - Participants working outside the EU: eligible, but restrictions may apply (20%)
 - Only user groups that are allowed to disseminate the results they have generated under the action may benefit from the access (unless the users are working for SMEs)

- User obligations:
 - Any outcome resulting from work carried out under the ACTRIS TNA activity must acknowledge the project

- see: <http://www.actris-ecac.eu>

Overview



1. Proposal

- Online application form available : <http://www.actris-ecac.eu>
- Separate applications have to be submitted for each instrument.

A) Principal Investigator

Family name, given name:	
Gender:	
Nationality:	
Home institution:	
Legal status:	
Activity Domain (Discipline):	
Address, City:	
Country:	
Phone:	
E-Mail:	

Time Schedule ECAC until 2016

Year	Month	Instrument Intercomparison workshop Laboratory Intercomparison On-Site Intercomparison	Date	Project Titel/No.	Call/Deadline Open/Closed
2015	September	Absorption Photometer	21/09 to 25/09	AP-2015-1	August 24, 2015
	October	Condensation Particle Counter	05/10 to 09/10	CPC-2015-1	September 7, 2015
		Mobility Partide Size Spectrometer	05/10 to 09/10	MPSS-2015-1	September 7, 2015
		Condensation Particle Counter	26/10 to 30/10	CPC-2015-2	September 28, 2015
		Mobility Partide Size Spectrometer	26/10 to 30/10	MPSS-2015-2	September 28, 2015
	November	Integrating Nephelometer	23/11 to 28/11	IN-2015-1	October 26, 2015
		Extinction monitor	23/11 to 28/11	EM-2015-1	October 26, 2016
2016	Jan-June	On-site Intercomparison & Audit	By appointment	OSIA-2016-1	no deadline
	January	OC/EC Analysis	Filter Januar Analysis March	OCEC-2016-1	December 1, 2015
		Condensation Particle Counter	25/01 to 29/01	CPC-2016-1	January 4, 2016
		Mobility Partide Size Spectrometer	25/01 to 29/01	MPSS-2016-1	January 4, 2016
	February	Absorption Photometer	29/01 to 04/02	AP-2016-1	January 4, 2016
	March	Aerosol Chemical Speciation Monitor	07/03 to 18/03	ACSM-2016-1	February 1, 2016
	May/June	Integrating Nephelometer	09/05 to 13/05	IN-2016-1	April 8, 2016
		Extinction monitor	09/05 to 13/05	EM-2016-1	April 8, 2016
		Condensation Particle Counter	30/05 to 03/06	CPC-2016-2	April 22, 2016
		Mobility Partide Size Spectrometer	30/05 to 03/06	MPSS-2016-2	April 22, 2016
	September	Condensation Particle Counter	19/09 to 23/09	CPC-2016-3	August 18, 2016
		Mobility Partide Size Spectrometer	19/09 to 23/09	MPSS-2016-3	August 18, 2016
		Absorption Photometer	26/09 to 30/09	AP-2016-2	August 25, 2016
	October	Integrating Nephelometer	17/10 to 22/10	IN-2016-2	September 16, 2016
Extinction monitor		17/10 to 22/10	EM-2016-2	September 16, 2016	
Cloud Condensation Nuclei Counter		24/10 to 28/10	CCNC-2016-1	September 23, 2016	
2017	January	OC/EC Analysis	Filter Januar Analysis March	OCEC-2017-1	December 1, 2016

2. Evaluation

Internal reviewers:

- E. Freyney
- N. Mihalopoulos
- J.-P. Putaud
- A. Wiedensohler

External Reviewers:

- M. Andrade
- L. Barrie
- D. Covert
- O. Favez
- J. Ogren



TNA Proposal Evaluation form for reviewers

Reviewer name:	
Project number:	

Type:	
Date of last Calibration/ Round Robin Test	
Network if applicable:	

	Evaluation	Points
Scientific Value		
Interest to scientific community:		
		max 10/20
Users		
Training benefits for the users:		
Expertise of the users (mobility of expert):		
		max 10/20
		Total (max 20)

Comments (optional, but appreciated!)

Proposal accepted	
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3.1 Confirmation of participation



Aerosol Clouds, and Trace gases Research InfraStructure Network



Leibniz Institute for Tropospheric Research, Permoserstraße 15, 04318 Leipzig

Institute
Name, Family name
Street
Location
Country
Additional I
Additional II

Prof. A. Wiedensohler
- Head of the European Center for Aerosol
Calibration (ECAC)
TROPOS, Permoserstraße 15
D-04318 Leipzig, Germany

Stephanie Schüttauf
Office of ECAC

Contact: ecac@tropos.de,

XX/XX/2015

Your participation in a TNA ECAC workshop: Instrument/Laboratory intercomparison

Dear,

We are pleased to inform you that the ACTRIS TNA Selection Panel has positively evaluated your application to access the ECAC workshop ----- . Your proposal will be handled under the project-number

xxxx (xxx).

Once the workshop/round robin test comes to an end, you will have to provide the following documents to the ECAC Office:

- a confirmation of access, signed by both the project leader and the access provider,
- a short TNA user report. This should include a short statement about the work carried out and an overview about the project results towards the objective (a short text consisting of 5 lines send via e-Mail to ecac@tropos.de would be enough).

Finally, we would kindly request you to acknowledge receipt of this letter by completing and returning the attached acknowledgement statement to ecac@tropos.de.

We would like to thank your for your interest in ACTRIS and wish you a successful campaign. For any further questions please don't hesitate to contact us.

Yours sincerely,

3.2 Acknowledgement statement



Aerosol Clouds, and Trace gases Research InfraStructure Network

Acknowledgement Statement

I, [Name], hereby acknowledge receipt of the reply letter concerning my request for ACTRIS TransNational Access dated [dd/mm/yyyy] and certify that I have read and accept its content.

I agree that I am disposed to perform the experiment under these conditions and I understand that I am under obligation to provide the requested documents once the experiments come to an end.

I further agree that any outcome (publications, conference contributions, etc.) resulting from work carried out under the ACTRIS TNA activity must acknowledge the project and support of the European Community and shall include the following statement:

"The research leading to these results has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 262254."

I confirm that with regard to this TNA project granted under ACTRIS no double financing is taking place from other sources.

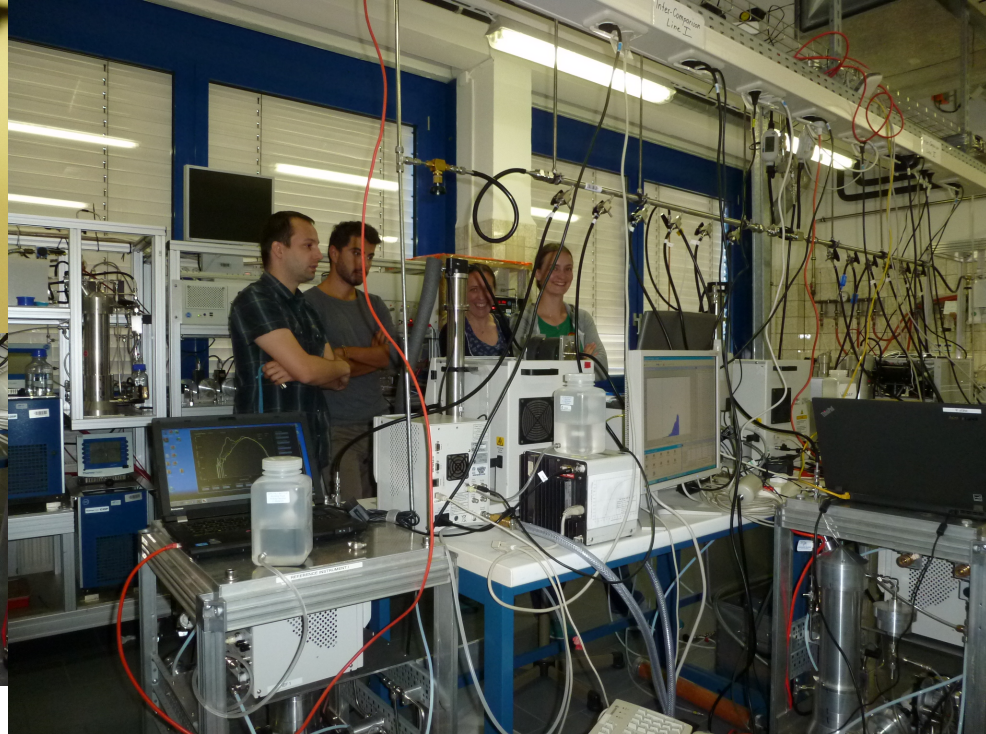
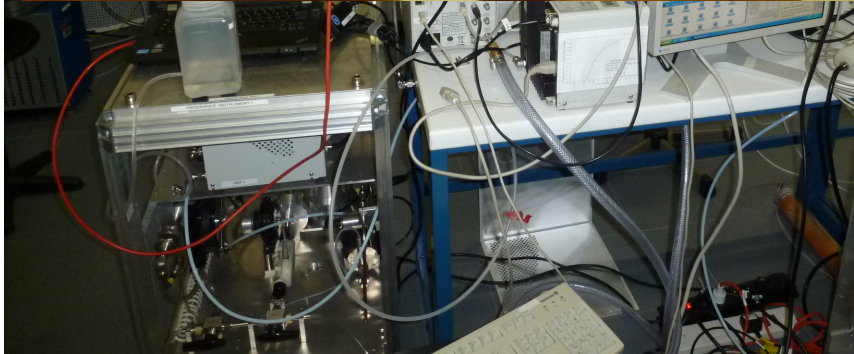
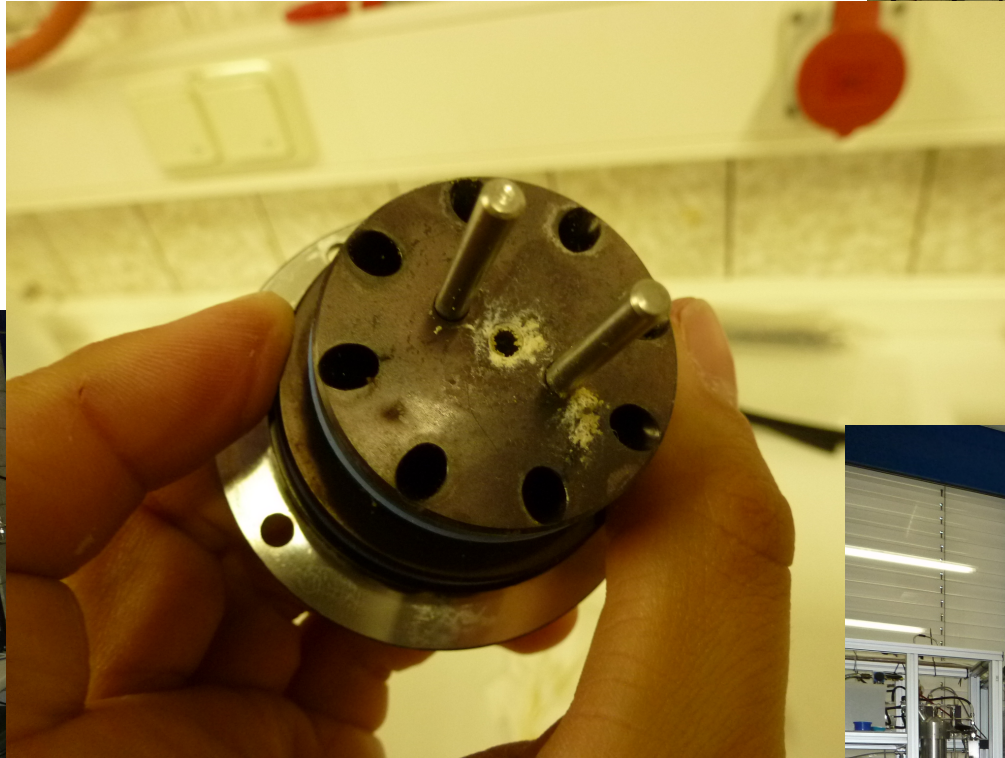
I understand and agree that the decision for transnational access is subject to approval by the European Commission in case of legal discontinuity of ACTRIS.

[Typed name is sufficient if sent by signatory via email]
Signature

[dd/mm/yyyy]
Date



4. Workshop



5. ECAC-Report

ACTRIS-2 ECAC Workshop October 5, 2015 – October 12, 2015



Leibniz Institute for
Tropospheric Research



Intercomparison of Condensation Particle Counter

Project No.: CPC-2015-1

Basic information:

Location of the quality assurance:

Delivery date:

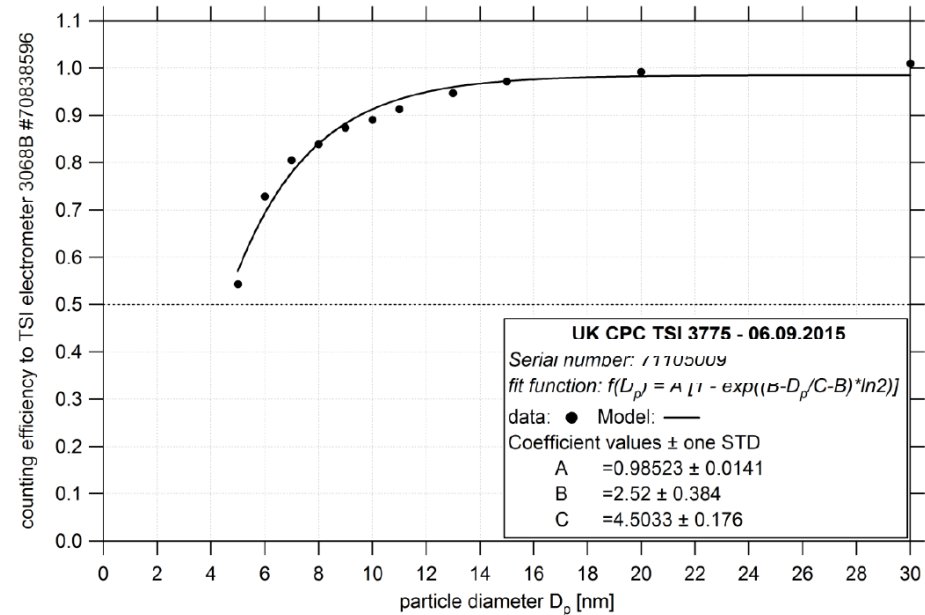
Setup in the laboratory:

Comparison period:

Principal Investigator	Home Institution	Participant	Instrument

Summary of Intercomparison:

The **UK CPC TSI 3775** passed the quality standards of ACTRIS and GAW.



TROPOS

6. Confirmation of Calibration

Institute
Address
Postal code/City
Country

TNA – ECAC Confirmation of Intercomparison/Calibration

We confirm that in the context of ACTRIS Transnational Access the following intercomparison were performed at the **European Center for Aerosol Calibration (ECAC)**:

Project number: _____

Intercomparison/Calibration date: _____

- Instrument: *(type)*
- Laboratory: *(institute)*

The Intercomparison/Calibration has been

- Successful
- Not successful
- Another calibration is recommended (see calibration report). The PI has to submit a new TNA application.

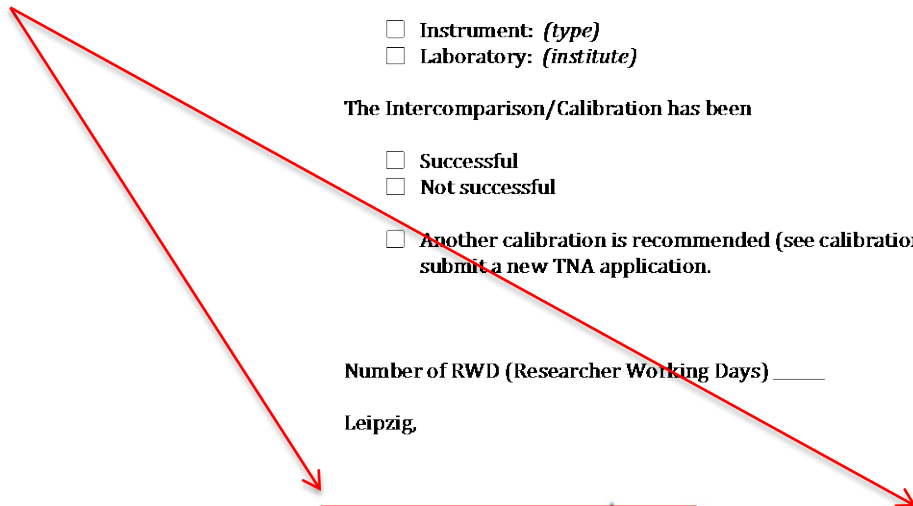
Number of RWD (Researcher Working Days) _____

Leipzig,

Signature
Head of WCCAP, ERLAP, or ACMCC¹

Signature
PI/User¹

- Signed by both, participant and ECAC
- Basis of payoff



7. User Report

- As requested in the Confirmation of Participation
- Short! – maximum 5 lines – per e-Mail to: ecac@tropos.de
- Content:
 - Work carried out
 - Results

Questions or Comments?

Thank you for your attention!

