

COST Action TD1105 EuNetAir
European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability

CALL for Short Term Scientific Missions (STSMs)
Year 4: 1 July 2015 - 30 April 2016

EuNetAir "European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability" is a networking and research initiative as a Concerted Action of the COST (***European Cooperation in the field of Scientific and Technical Research***) agency, supported by the European Science Foundation.

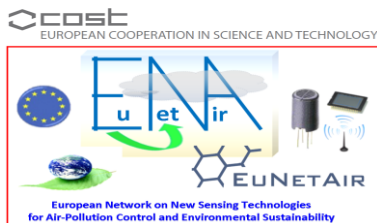
EuNetAir (COST Action TD1105) coordinates research efforts at European level to develop technological networking and critical mass of researchers and scientists working on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability, i.e. development of new functional nanomaterials, advanced gas sensors, sensor-systems, artificial intelligence for gas sensing, air-quality modeling, environmental measurements, chemical weather forecasting, standards, methods and protocols for air quality control (AQC) and environmental sustainability.

EuNetAir is supporting the exchange of **Early Stage Researchers (priority)** and **experienced scientists** (depending on available funds) to establish new areas of scientific collaboration or complementing multidisciplinary publications and international frontier research in the qualified laboratories of the participating institutions from COST Countries. The topic of the scientific visit must be related to core-issues of the COST Action TD1105 such as materials science, nanotechnology, advanced nanostructures, gas sensors, wireless sensor-systems, air quality modeling, environmental engineering and science, environmental measurements, devices and demonstrators for AQC, environmental technology evaluation, models, protocols, standards and methods for benchmarking of new commercialized environmental sensors.

Early Stage Researchers, i.e. pre- or post-doctoral researchers, involved in the above mentioned research areas, **that would like to visit some Institutions of the participating European Countries, can be financially supported by EuNetAir (COST Action TD1105)**, for a **Short-Term Scientific Mission (STSM)**. Experienced scientists may also apply for funding and can be supported if sufficient funds are available.

Participating COST Countries (31) in COST Action TD1105 **EuNetAir**, on September 2015, are:

- Austria; • Belgium; • Bulgaria; • Croatia; • Czech Republic; • Denmark; • Estonia; • Finland;
- France; • Germany; • Greece; • Hungary; • Iceland; • Ireland; • Israel; • Italy; • Latvia;
- Luxembourg; • The Former Yugoslav Republic of Macedonia; • Netherlands; • Norway;
- Poland; • Portugal; • Romania; • Serbia; • Slovenia; • Spain; • Sweden; • Switzerland;
- Turkey; • United Kingdom

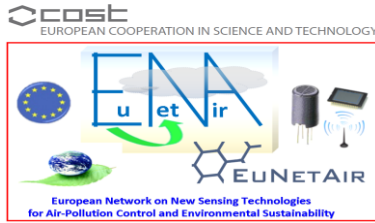


Basic rules:

- **Number:** COST Action TD1105 lasts for four years (1 July 2012 - 30 April 2016). This Call concerns the **Fourth Period** (1 July 2015 - 30 April 2016). The COST Action has planned a total of at least **9 STSMs** in the Fourth Period.¹
- **Beneficiaries**²: COST Action TD1105 supports STSMs of **Early Stage Researchers (priority)** and **experienced scientists** (depending on available funds) **with any nationality from MoU-signed COST Countries**, such as:
 - a) To an Institution in another COST participating Country or formally approved host institution in a Non-COST Country, including approved Institutes from Near Neighbour Countries (NNCs) and International Partners Countries (IPCs).
At the moment, Non-COST Institutes (NNCs and IPCs) in the COST Action TD1105 are: CSIRO (Australia), University of Waterloo (Canada), Chinese Academy of Sciences (China), University of Agadir IBN Zohr (Morocco), National Research Center Kurchatov Institute (Russian Federation), O.M. Marzeiev Institute for Hygiene and Medical Ecology of Academy of Science of Ukraine (Ukraine), Southern Illinois University Carbondale and NASA Ames Nano Research Center (USA).
An updated list of the COST Countries, NNCs and IPCs affiliated to **EuNetAir** can be found at the following link: http://www.cost.eu/domains_actions/essem/Actions/TD1105?parties
 - b) From a formally approved Home Institution in a Near Neighbour Country (NNC) to another COST participating Country.
The Applicant is responsible for obtaining the agreement of the **Host Institution**, before submitting his/her application. COST Action TD1105 will assure gender balance and promote "women in science and technology". Visits in the same COST Country cannot be supported.
- **Duration:** From one week (5 working days) to 1 month.
- **Finance:** The grant will cover travelling costs and subsistence. An amount of EURO 60 to 90 for the daily allowance (in particular for longer stays) and EURO 300 for travel is generally recommended. The total of a STSM shall normally not exceed EURO 2500. *Exception: Early Stage Researchers: max EURO 3500.* The grant will not necessarily cover all expenses. It is intended as a contribution to the travel and subsistence costs of the participant. No pre-payment of the accepted STSM grant is permitted by COST Office. The STSM will be financially paid to the granted applicant after approval of the scientific report submitted at the end of the STSM to the MC Chair and/or Action STSM Coordinator.
- **Timing and deadlines:** The Call for STSMs is Open for the whole **Action Fourth Period** (1 July 2015 - 30 April 2016). Assignment of the grants will be grouped in four periods:
 1. applications submitted before **15/10/2015**;
 2. applications submitted before **15/11/2015**;
 3. applications submitted before **15/12/2015**;
 4. applications submitted before **15/01/2016**.

¹ Additional STSMs will be allowed depending on available financial resources.

² As a general rule funding is limited to one person per institution per year; two persons can be funded only if clearly complementary skills require the participation of two scientists, and if the total budget for the visit does not exceed 2 500 € (3 500 € for early stage researchers); total funding to the same institute is limited to 2 500 € (3 500 € for early stage researchers).



Earliest start for the STSM is one month after the final submission date (respectively 15/11/2015; 15/12/2015; 15/01/2016; 15/02/2016). They should end before 30/04/2016.³

Applicants are requested not to wait until the final deadline to send in their application.

- **Selection of the STSM grants:** Selection is the responsibility of the Action. The Action's STSMs Coordinator, supported by the STSM/ESR Evaluation Committee, will assess the impact of the proposed scientific visit and will provide a short referee report on approval for grant starting. This decision will be communicated by the STSM Coordinator to the MC Chair and the Grant Holder for running the grant procedure. The Grant Holder will further implement the decision for the required grant. This procedure for selection is electronically based on a software-tool (e-COST service).

Procedure:

- **Important steps BEFORE the mission:**

- **Send an e-mail to the COST Action TD1105 Chair** (see contact data below) with intention and main information on the Application for verification of the eligibility.
- Register with the on-line **Registration** tool (<https://e-services.cost.eu/stsm>).
- Send full **Application** by e-mail to:
 - STSM Coordinator (Jan Theunis, VITO, BE; jan.theunis@vito.be)
 - MC Chair (Michele Penza, ENEA, IT; michele.penza@enea.it)
 - Grant Holder MC Member (Corinna Hahn, EURICE, DE; c.hahn@eurice.eu)
 - Grant Holder Manager (Juliane Rossbach, EURICE, DE; j.rossbach@eurice.eu)

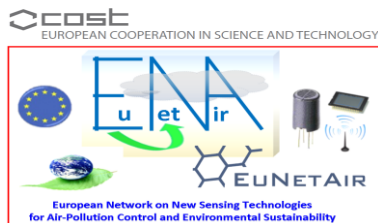
Requested information:

- CV of Applicant (max 1 page)
 - Summary of full mission workplan (max 5 keywords; max 250 words; including objectives, planned actions and expected results)
 - List of publications of Applicant
 - Motivation Letter signed by Applicant
 - Letter of support from Home-Institution signed by own Tutor
 - Letter of support from Host-institution
- **Assessment and Selection** by STSM/ESR Evaluation Committee / **Sending** info on results of the selection from STSM Coordinator to MC Chair and Grant Holder (GH).
 - Grant Holder sends **Grant Letter** via e-COST tool to Applicant.
 - The granted Applicant sends to GH the signed Grant Letter via email.

- **Important steps AFTER the mission:**

- Applicant sends original **signed Grant Letter** and **Scientific Report** to STSM Coordinator, MC Chair, Grant Holder. **The Scientific Report must be submitted within 30 days after the end date of STSM. This approval is pre-requisite for the payment of the grant.** The **Scientific Report** (see *template*) should contain:
 - Purpose of the STSM
 - Description of the work carried out during STSM
 - Description of the main results achieved

³ A new call could be launched for Year 4 in the case of approved Action extension till to 15 November 2016 (under decision of COST Association)



- Future collaboration with the host institution (if applicable)
 - Foreseen publications/articles resulting from the STSM (if applicable)
 - Confirmation by host institution of the successful execution of the STSM
 - Other comments (if any).
- **Evaluation** and **Approval** by STSM/ESR Evaluation Committee / **Sending** info on approved scientific report from STSM Coordinator to MC Chair and Grant Holder.
 - **Payment** of the grant to the approved Applicant by Grant Holder.

ACKNOWLEDGMENTS in papers and conferences/workshops:

Finally, if the results from a STSM visit are published in a journal or conference/workshop, please add the following acknowledgement in your paper/presentation:

Part of this work was supported by the COST Action TD1105 EuNetAir "European Network European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability".

A copy of the paper/article, abstract or other flyer is highly appreciated to be sent to the Action Chair and Scientific Secretary, Annamaria Demarinis Loiotile (annamaria.demarinis@uniba.it).

For further information please contact **COST Action TD1105 Chair:**

Dr. Michele Penza

ENEA

Italian National Agency for New Technologies, Energy and Sustainable Economic Development
Department for Sustainability

Division Technologies and Processes of Materials for Sustainability

Laboratory Functional Materials and Technologies for Sustainable Applications

Brindisi Research Center

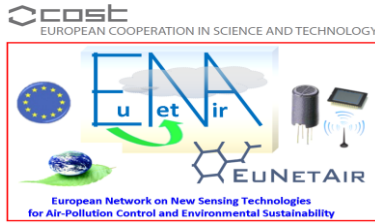
PO BOX 51 Br-4 (Postal correspondence)

SS7, Appia, km 706,13 (Location address)

I-72100 Brindisi, Italy

Phone: +39 0831 201422 - Fax: +39 0831 201423

E-mail: michele.penza@enea.it



TEMPLATE FOR COST STSM APPLICATION FORM

3.12. Sample Application Form

(document produced by the on-line tool available on the COST website)



COST STSM Application Form

To be sent by the applicant as attachment by e-mail together with all the documents he/she would like to submit to support the application (full CV, detailed work plan, motivation, etc.) to the

- * Host (who will send his agreement to host the applicant to the MC Chair)
- * MC Chair for evaluation and approval

COST Office

Science Officer: *Name of Science Officer*

Telephone nr, e-mail address

COST MC Chair: *Name, e-mail address*

COST STSM Reference Number: COST-STSM-999-111

Period: xx/xx/200x to xx/xx/200x

COST Action: 999

STSM Applicant: *Name, Organisation Name, City(Country)*

e-mail address

STSM Topic: *Name of the Topic*

Host: *Name, Organisation Name, City(Country), e-mail address*

Budget Request:

Travel	X €
Subsistence (hotel/meals)	X €
Total	X €

Short CV (date of birth, higher education degree, further qualifications, max 250 ch.):

Aridus e lasso venibat conslitus aese, mstraque erat longe; tum denique de tribus unum fetibus arboreis proles Neptunia misit. Obstipuit virgo nitidiorne cupidine pomi declinat cursus aurumque volubile tollit praeterit Hippomenis: resonant spectacula plausu.

Work Plan Summary (keywords, max 250 ch.):

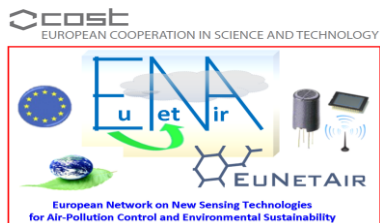
Illa moram celeri cessataque tempora cursu corrigit atque iterum iuvenem post terga relinquit: et rursus pomi iactu remorata secundi consequitur transitque virum. pars ultima cursus restabat; 'nunc' inquit ' ades, dea muneris auctor' inque latus campi, quo tardius illa rediret.

I request the approval of a COST Short Term Scientific Mission as described above

Applicant

Name of applicant

Date



TEMPLATE FOR COST Action STSM SCIENTIFIC REPORT

(Template, doc file, for Scientific Report is downloadable from Action webpages: www.cost.eunetair.it)



"Title of STSM"
Scientific report
Name, affiliation of beneficiary

COST-STSM-TD1105-XXXXX (COST STSM Reference Number)
Host Institute: Name, place
From XX.XX.2013 to XX.XX.2013

1. Purpose of the STSM:
2. Description of the work carried out during the STSM
3. Description of the main results obtained
4. Future collaboration with host institution (if applicable)
5. Foreseen publications/articles resulting or to result from the STSM (if applicable)
6. Other comments (if any)

Name, date, signature

Annex: Confirmation by the host institution of the successful execution of the STSM