



RESTORE

Short Term Scientific Missions

APPLY for an STSM!

Interested in bringing Restorative Sustainability expertise to your country?

Apply for STSM within a Specific Areas of Interest

Propose a related STSM area of interest related to the RESTORE Cost Action

Select a Host Institution that has the knowledge you seek to receive

Make your innovative proposal to study what you cannot in your country

Make your case, why is your study important, how will you use it to expand understanding in your country and abroad and GO!

Applications Open 01 June 2017

Applications Close 30th June 2017

STSM can begin in July 2017

STSM and reporting must be completed by February 28, 2018

CALL FOR SHORT TERM SCIENTIFIC MISSIONS

RESTORE | CA16114

The first call for Short Term Scientific Missions (STSMs) for COST Action CA16114, Rethinking Sustainability Towards a Regenerate Economy (RESTORE), is now open. RESTORE is seeking applicants for STSMs may begin after July 17th 2017 and end before February 28, 2018 (including outcome reports and expense claims).

You must apply by 30th June 2017 as detailed below.

Short Term Scientific Missions in RESTORE

STSMs are research visits to a host institution where the applicant will perform research activities the advance the objectives of RESTORE. STSMs must be between 5 and 90 days (although, they may exceed that duration in specific instances for Early Career Investigators). STSMs are financially supported by the Action with a fixed contribution of up to 2500 EUR.

The Action anticipates funding STSMs for Working Groups 1 and 2 in the first grant period.

STSM Areas of Interest

You may apply for an STSM related to the following areas of interest, or alternatively for an STSM related to the working group descriptions and key themes. Please see Appendix A for details about the Working Groups, or their respective pages on this website.

1. Historical evolution and changing paradigms of “Sustainability” since 1987 / Brundtland (mapping and evaluating objectives, key themes and topics in WG1, see Appendix A)
2. Challenges and Opportunities identified by a) existing and b) emerging built environment sustainability standards, and c) the Sustainable Development Goals
3. Influencing factors & frameworks for Restorative Sustainability
4. Outdoor Space Comfort Performances Design. New Processes and Emerging Tools to Adapt to Climate Change.
5. Processes and Tools for Building Upcycling Design and Circular Economy.

Applying for an STSM

The applicant should confirm the eligibility of their STSM by carefully reading the rules in Section 7 of the COST Vademecum.

Applications must include:

- A cover letter briefly introducing the applicant, the research project, and the project's relevance to RESTORE and the selected working group
- An invitation letter from a host institution
- A letter of support from the applicant's home institution
- The applicant's CV, including relevant publications
- A completed application form.

Applications should be sent, in PDF form, to the RESTORE STSM Manager, michael.burnard@iam.upr.si.

Your STSM applications will be considered by a committee of RESTORE core group members. You will be notified by the STSM Manager on the outcome of your application evaluation as soon as it is known.

STSM Application

To apply for a Short Term Scientific Mission (STSM) within the RESTORE Cost Action (CA16114), please send the following documents (in a single pdf file) to michael.burnard@iam.upr.si:

- i) A cover letter briefly introducing the applicant, the research to be conducted, and the relation to the Working Group objectives
- ii) this STSM application form, filled according to your STSM plans,
- iii) an invitation letter from the host institution,
- iv) a support letter from the home institution,
- v) the applicant's CV, including publications.
- vi) a list of publications of the visitor (if applicable).

Your application will then be evaluated by the STSM evaluation committee based on the following criteria:

| | Description | Grading | Weight |
|----|---|---------|--------|
| 1. | Quality and feasibility of the work plan | 1 to 10 | 17.5 % |
| 2. | Quality and feasibility of the outcomes | 1 to 10 | 17.5 % |
| 3. | Suitability of the applicant to work plan objectives | 1 to 10 | 17.5 % |
| 4. | Benefits of the STSM for the applicant (visitor) | 1 to 10 | 17.5 % |
| 5. | Appropriateness of the STSM for the selected Working Group and objectives | 1 to 10 | 30 % |

Priority will be given to applications that support the objectives of the working group they wish to work within. Please consult the RESTORE website and the RESTORE Memorandum of Understanding for details.

It is expected that each STSM grantee will present their STSM work at a RESTORE Working Group meeting or International Meeting. Upon completion of the STSM, an STSM report must be submitted to the STSM Manager by email.

Before filling the application, please consult the STSM rules in the [COST Vademecum](#) at Section 7. In case you have any questions about the application procedure or STSM rules, please contact michael.burnard@iam.upr.si.

Submission

Submit the following

Identify the Working Group your STSM will support and describe how your STSM will further the objectives of the working group (max 1 page):

| | |
|--|--|
| Title: | Provide a short title for your STSM |
| Applicant (visitor): | <ul style="list-style-type: none"> - Name: - Affiliation: - Position : - Country: - ECI: yes/no <p>(ECI = Early Career Investigator, a researcher within a time span of up to 8 years from the date they obtained their PhD/doctorate (full-time equivalent), see COST Vademecum)</p> |
| Host: | <ul style="list-style-type: none"> - Name: - Contact - Affiliation: - Country: <p>Please provide a letter/email of the host that confirms the intent to host the STSM visitor.</p> |
| Dates: | <p>From:</p> <p>To:</p> <p>Nr. of days: (between 5-90 days)</p> <p>Please consult the STSM rules in the COST Vademecum Section 7.</p> |
| Requested budget: | <ul style="list-style-type: none"> a) Euro for travel b) Euro for stay and meals (max. 160 Euro/day) c) Euro total budget (=a+b) (max. 2500 Euro) <p>Please consult the budget rules in the COST Vademecum Section 7.</p> |
| <p>Work plan: (max 1.5 pages)</p> <p>Provide a description of the planned activities during your STSM that includes:</p> <ul style="list-style-type: none"> - Background - Objectives - Description of the work to be carried out by the visitor at the host institution - Justification for choice of host institution | |
| <p>Prospected Outputs: (max. 10 lines)</p> <p>Describe the outputs of your STSM. For instance:</p> <ul style="list-style-type: none"> a) the STSM contributes to a deliverable described in the MoU of the Action b) the STSM results in a joint journal/conference publication (please indicate the targeted journal/conference) c) the STSM results in a joint research proposal d) other output (give description) | |
| <p>Benefits of the STSM: (max. 10 lines)</p> <p>Please describe the benefits of the STSM for the visitor (and host).</p> | |

Appendix A

Working Group One: Restorative Sustainability

Objectives: Define the influence of the built environment as a contributing cause / factor and potential solution to address climate change; new paradigm definition

The Evolving Agenda of Restorative Design, which introduces the evolving spectrum of paradigms, design challenges, opportunities, and perspectives for sustainable architecture and urban design. It discusses the knowledge, skills, and competence that should inform and orient the practice shift required by an approach to architecture informed by restorative sustainability.

Working Group One will set the scene for other working groups and asks three questions:

1. What is the state of the art for Restorative Sustainability?
2. Moving beyond the state of the art: Where do we want to be?
3. How do we get there?

The Working Group will consider a number of key themes and topics:

PLACE: Relationship with place, ecology, nature, soils, bio-climate,

ENERGY: restorative and regenerative energy, net-zero, carbon-neutral, energy storage

WATER: net positive water, building influence, floods, drought, water stress

WELLBEING: health, happiness, Salutogenesis, biophilia, mindfulness, air, light, comfort

CARBON: science based targets, 350ppm, 2Deg, 1.5Deg, social impact,

RESOURCES: healthy materials, responsible, transparency, conservation, circular economy,

EQUITY: equality fairness, inclusion, respect,

EDUCATION: behaviour, next generation, next project, development,

A number of subgroups will be established, cutting across themes, for example:

- I. Social, Health, Education
- II. Regeneration, Heritage
- III. Restorative Buildings
- IV. Economics, Resources

Lead: Martin Brown

Vice Lead: Edeltraud Haselsteiner

Working Group Two: Restorative Design Process

Objective: Processes, Methods and Tools for Restorative Design. Primarily based on case studies derived from workshops, it constitutes the core of the action and intends to provide “hands-on” guidance to the practice of restorative design.

A vast majority of sustainable architecture within the field has become overrun with the need to tick certification and awards boxes, promoting cities, buildings and spaces which often deal with sustainability on limited dimensions. The need of regenerative design challenges the Status Quo of the Built Environment Industry.

Designing new urban environments, sustainable buildings and improving existing buildings, requires a paradigm shift. The challenge is to operate at scales that are greater and smaller than that of the city and the buildings, requiring a deeper understanding of ecosystems and the human. This requires new processes, and new tools emerging from scientific research.

Targeted primarily to impact practitioners, the WG aim is to define guidance and “hands-on” guidance for interdisciplinary design processes, and test old and new guidelines and tools, analogue and computational, that support regenerative, creative and innovative solutions.

A number of subgroups are proposed to launch the dialogue:

- I Guidelines and Tools for the implementation of Big Data in Ecosystem Focused Design.
- II Processes and Tools to Adapt to Urban Climate Change.
- III Processes and Tools for Circular Economy in Design and Construction.
- IV Processes and Tools for Healthy-Human Centric Design

Lead: Emanuele Naboni

Vice Lead: Estelle Cruz

Useful Information

(Note interim website, new website to be live soon)

Website <https://eurestore.wordpress.com/>

Working Groups Link: <https://eurestore.wordpress.com/working-groups/>

STSM Web Link <https://eurestore.wordpress.com/stms/>

Vademecum (COST Action Rules)

This is a must-read document prior to making your STSM application

[COST Vademecum](#)

RESTORE Cost Action Link

<https://e-services.cost.eu/action/CA16114/overview>

STMS Selection Committee

STSM Lead: Mike Burnard michael.burnard@iam.upr.si.

Scientific Representative: Roberto Lollini

Leaders Working Groups 1 and 2

Chair of the Action, Carlo Battisti

RESTORE Action Twitter Account

@CostRESTORE

RESTORE Action Facebook Page

<https://www.facebook.com/COSTRestore/>

Appendix B

CA16114 RESTORE STSM Scientific Report Requirements

STSM Title:

STSM Reference: [STSM Grant Number]

Beneficiary: [Name and affiliation]

Host: [Name and affiliation]

Period: [DD-MM-YYYY to DD-MM-YYYY]

Place: [Location where the STSM was carried out]

1. Summary/Abstract
2. STSM Objectives
3. Description of work carried out
4. Description of preliminary results
5. Future collaboration with host institution
6. Expected publication based on the results
7. Host confirmation of successfully implemented STSM
8. Other comments