

COST Action TU1301 stimulates the collaboration of scientists, industries and regulators to gather knowledge, experiences and technologies, to stimulate research on the reuse of residues containing enhanced concentrations of natural radionuclides (NORM) in tailor-made building materials in the construction sector while considering the impact on both external gamma exposure of building occupants and indoor air quality.

First Announcement

TRAINING SCHOOL ON REUSE OF NORM IN BUILDING MATERIALS

Hasselt, 31 August – 4 September 2015

The Norm4Building Cost Action is pleased to announce the 1st Norm4Building Training School. Training Schools aim at widening, broadening and sharing knowledge relevant to the Action's objectives through the delivery of intensive training on a new and emerging subject.

The course is focused on NORM (Natural Occurring Radioactive Materials) in building materials:

❑ **Step 1 : From NORM residues to building materials**

Aims to give participants insight into the alkali activated production process to convert NORM residues into building material. The participants follow a lecture about the alkali activated building materials and use the NORM residues as start material. After this, the production process will be demonstrated at the labs of KU Leuven. The participants will analyze the different properties of the building materials in group.

❑ **Step 2 : Radiological characterization of building materials**

Aims to give the participants insight in the radiological characterization of NORM containing building materials. The group will make and carry out, together with the experts, a radiological analysis for building materials using gamma spectroscopy and radon measurements.

❑ **Step 3 : Dosimetric impact study of the building materials**

Allows us to transform the collected data into real-life models with employability of the building material as key word. The obtained data of step 2 serves as input for dosimetric models. All these findings will be discussed in group.

Application:

- A brief CV (with the indication of the date of receipt of the PhD or other higher degrees).
- Motivation letter for participating in the training school, which should indicate the academic/professional status of the applicant.
- Letter of recommendation from the applicant's supervisor or employer.

If you are interested in participating, please send your application via e-mail to Diana Olislagers (diana.olislagers@uhasselt.be) and use the subject line: "Application COST Training School 2015".

Who can participate?

The Training School is aimed towards Masters, PhD students, Early Career Investigators (up to 8 years after their PhD).

The number of (sponsored) participants is limited to 15.

Financial support:

The applicants can be reimbursed according to the COST Action guidelines.

The final grant amount will be confirmed in due course, and will be an average of €1500, depending on the country of the trainees and on budgetary considerations. Prior to the Training School, each trainee will receive a grant letter stipulating the fixed amount on his or her grant. The grant is intended to cover the majority of trainees' travel, accommodation, and subsistence during the Training School. Trainees will be required to pay for their own travel, accommodation, and subsistence prior to receiving their grant.

Deadline:

The deadline for the submission of applications is Monday 29 June 2015. The notification of acceptance or rejection will be sent by 17 July 2015 at the latest.

We would appreciate if you could forward this announcement via e-mail to colleagues or students who may be interested in participating. More information available soon at:

www.norm4building.org