

InnoRenew CoE Renewable Materials and Healthy Environments Research and Innovation Centre of Excellence

Position Announcement

The **InnoRenew CoE** is seeking a well-qualified individual to work on optimization of multivariate stochastic heterogeneous systems.

❖ Tasks:

The emphasis of this position is on the development of procedures and code for optimization of hybrid, modular buildings with emphasis on various criteria such as modularity, mass, energy efficiency, construction speed and costs, and sustainability. The project will focus on development of a decision tool that will allow consideration of multiple criteria and uncertainties of various input parameters and data.

❖ Required expertise and skills:

The ideal candidate will have an advanced degree in civil engineering with good mathematical skills and a programming background (Matlab or similar) and the ability to learn and work independently in a team environment. Experience in Matlab programming is a must. Further requirements include: good communication skills, ability interact with the industry and other researchers, ability to formulate and communicate new research ideas (research proposal preparation).

❖ What we offer:

This position will be within the newly established Center of Excellence, the InnoRenew CoE, which is focused on sustainable built environments. The InnoRenew CoE was established based on a flagship project funded by the European Commission and the State of Slovenia.

The tasks will be performed in close cooperation with **Fraunhofer WKI, Germany** and the **Fraunhofer Center for light, environmentally friendly structures**.

The salary will be commensurate with the qualifications of the candidate.

❖ How to apply:

Interested applicants should send a cover letter, curriculum vitae including research publications, documentation of academic degrees and certificates, as well as the names, phone numbers, and e-mail addresses of three people who could provide letters of reference in a single pdf file by email to **andreja.kutnar@innorenew.eu**.

Application review will begin immediately and continue until the position is filled.

Employment opportunities, admissions policies, activities, services, and the facilities of the InnoRenew CoE do not exclude any person on the basis of race, color, age, sex, religion, national origin, or disability.

InnoRenew CoE: <http://innorenew.eu> • **Fraunhofer WKI:** <https://www.wki.fraunhofer.de/en.html>

