

Faculty of Installations' Engineering - Technical University of Civil Engineering Bucharest

Name of organization: Faculty of Installations' Engineering - Technical University of Civil Engineering Bucharest

Address: Pache Protopopescu, 66, Sector 2, Bucharest, postal code: 021 414

People involved in the project: Prof. dr. Sorin Burchiu PhD, Dean of the Faculty of Installations' Engineering

A brief description of the initiative:

A sustainable building is not only an envelope that protects its occupants, but a dynamic complex of factors, the systems that equip the facilities having the biggest impact. Therefore installations' engineering requires a holistic approach on several key areas of green buildings: health and comfort, energy, building management, use of resources, and pollution. Faculty of Installations' Engineering in Bucharest is one of the most dynamic universities in the area, promoting innovative ideas, involving students in activities and achieving sustainable research for a better cleaner future. Faculty has three specializations: building installations, building installations in French language and installation to protect the atmosphere. In these branches the focus is on the main advantages of green buildings: low energy consumption, use of renewable energy resources, environmental quality, reduced environmental impact and others.

Faculty departments prepare students to become specialists in insuring the comfort and safety of the occupants. Occupant comfort supposes an ideal operation of heating, ventilation and air conditioning, water supply and sewerage, gas supply, providing acoustic and visual comfort conditions, efficient power management solutions, adoption of solutions based on renewable energy, efficient use of electricity and heat, fire protection, etc.. These specializations are requirements for assessing green buildings, being a benchmark in terms of quality reports and studies required in this process.

Faculty students have won numerous awards over the years for projects related to energy efficiency, lower carbon emissions, use of unconventional energy solutions and indoor environmental quality. Furthermore, students are constantly involved in the campaigns of non-profit organizations in the constructions field and environmental protection.



Contact details of person submitting the nomination form: Dr. ing. Cristiana CROITORU, tel 0722409521, e-mail cristianaveronacroitoru@gmail.com

The person designated to accept the award for initiatives that: Univ. Prof. univ. dr. ing Sorin Burchiu