



H2020 project



TOWARD MARKET-BASED SKILLS FOR SUSTAINABLE ENERGY EFFICIENT CONSTRUCTION -TRINEE

### INVITATION

Dear Sir/Madam,

On behalf of the Consortium of TRINEE project you are invited to participate at the 5th workshop for promoting Building Information Modeling BIM – BIM in education, that will be held on 3rd December 2019.

Didactical methods are changing in construction education in contemporary times. The advent of information technology (IT) such as Building Information Modelling (BIM) and modern tools such as Unmanned Aerial Vehicles and Laser Scanners are influencing construction education. It is critical for the universities to introduce new IT tools in the construction management (CM) education, and BIM is a promising tool for this purpose.

Currently, several universities worldwide offer BIM courses in CM programs, while many others are under the process of integrating BIM into their curricula. However, most common route to BIM education and certification in BIM is usually getting a training offered by professional organizations and international training providers.

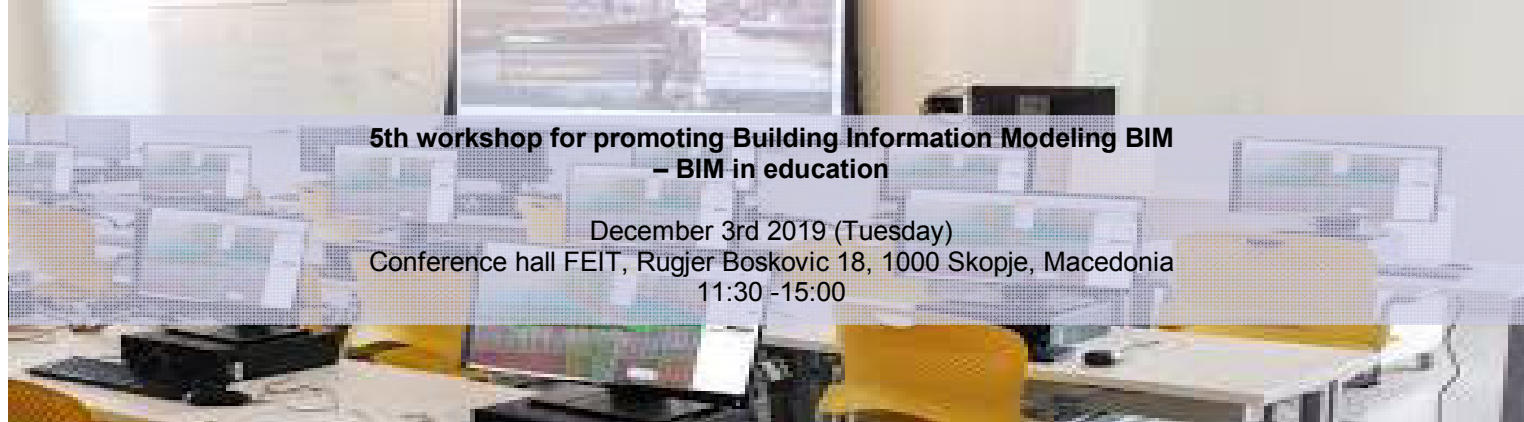
This workshop will target the following objectives:

- focus on and elevate the training and learning and research aspects of BIM;
- collective promotion of BIM;
- establish open medium for communication thus sharing knowledge, experience, case studies, views, etc.;
- collaboration for joint activities and research projects;
- collective voice in both teaching and learning and research matters, so to contribute to policy issues, funding priorities and agenda setting;
- attempt to minimize duplication and create standard practices while celebrating diversity.

This workshop will provide necessary information and initiate awareness in order to provoke action in relevant institutions and proactive individuals for putting BIM training and education in focus.

The working language of the Workshop is English.

Please confirm your participation until December 02, 2019 the latest by fulfilling on-line registration form available at www.trinee-mk.eu



### 5th workshop for promoting Building Information Modeling BIM – BIM in education

December 3rd 2019 (Tuesday)
Conference hall FEIT, Rugjer Boskovic 18, 1000 Skopje, Macedonia
11:30 -15:00

### AGENDA

11:30 – 12:00 Registration of participants

12:00 – 12:10 Opening ceremony – Introductory talks

Prof. Hristina Spasevska, President of the Knowledge and skills management Centre

- Opening of the event

12:10 – 12:30 Lecture 1

Prof. Tomo Cerovsek, PhD, Vice-head of the Department of Civil Engineering at the University of Ljubljana, Slovenia

- Current status of formal education in BIM

An insight into the current status of involvement of BIM in formal educational system especially in higher education. Challenges and actions to be taken in order to provide skilled professional able to answer the need for digitalization of construction industry

12:30 – 12:50 Lecture 2

Mr. Ignasi Perez Arnal, WITS Institute—BIM Academy, partner in training and research of buildingSMART Spain

- BIM education in non-formal training system
Schedule for training delivery for BIM in TRINEE—Announcement and promotion

Most common approach in learning BIM is through non-formal training courses offered by training providers or professional associations, as well as through self-learning by on-line courses. Certification is usually provided by international certification bodies based on the defined procedures.

12:50 - 13:00 Coffee break

13:00 - 14:00 Case studies, best practice presentation

BIM expert group: Mr. Ignasi Perez Arnal, Mr. Vangelis Rosios, Prof. Tomo Cerovsek

Topic: BIM in education

- Open mediums for exchange of experience in BIM education (forums, associations..)
Standards in BIM training programs
Standards in BIM certification

14:00 Lunch

