



DELIVERABLE: D37-D6.4

Second Net-UBIEP Open Day

Version: 5
Date: 15/04/2020

WP Leader: CSA – CENTRO SERVIZI AZIENDALE
Author: CSA – CENTRO SERVIZI AZIENDALE
Contributions: All partners

Network for Using BIM to Increase the Energy Performance

Grant Agreement Number: 754016
Net-UBIEP H2020



This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement N° 754016.

This deliverable reflects only the author's view. The Agency is not responsible for any use that may be made of the information it contains.



The present deliverable will be update during the project in order to align the outcome to the market needs as well as to other BIM related projects realized within Horizon 2020 program.

The updated version of the deliverable will be only available in the website of the project www.net-ubiep.eu.

Some deliverables could also be translated in partners national languages and could be find in the respective national web pages. Click on the flags to open the correspondence pages:



International web page



Italian web page



Croatian web page



Slovak web page



Spanish web page



Dutch web page



Estonian web page



Lithuanian web page





This deliverable is intentionally left in the original language (English) to show a multilingual approach.





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A. Deliverable Details	
Document Reference #:	D37 – D6.4
Title:	Second Net-UBIEP Open Day
Version Number:	5
Preparation Date:	April 15, 2020
Delivery Date:	
Author(s):	CSA – CENTRO SERVIZI AZIENDALE
Contributors:	
Work Package	6 – DISSEMINATION, EXPLOITATION AND CAPITALIZATION OF BIM QUALIFICATION MODEL
Type of deliverable	Document/Report
Format	Printed and Electronic
Dissemination Level:	CO – Confidential, restricted under conditions set out in Model Grant Agreement



SHORT DESCRIPTION OF THE OPEN DAYS

The open day has been the moment to explore the value of BIM through speeches from national actors involved in the project. It could be composed by a conference or by a thematic group discussion in which representatives from target groups have been invited to participate and express their personal experience in BIM Qualification Model.

Partners have organized at least a Net-UBIEP Open Day per country to disseminate project results among stakeholders. The following tables list, for each country, the second Open Days dates and, when it is available, the number of participants:

Tab. 1: List of 2nd Open Days (Planned for Nov 2019)

Country	City	Dates	Participants
Italy	Roma	24/09/2019	20
	Pescara	27/11/2019	40
Spain	Madrid	30/10/2019	374
Slovak	Bratislava	19/09/2019	129
Croatia	Rijeka	29/10/2019	22
Estonia	Tallinn	08/11/2019	151
Lithuania	Vilnius	07/11/2019	47
The Netherlands	Woerden	24/06/2019	17
Total			800

As you can see, the project partners arranged 7 open days and most of them have anticipated.



1) ITALY (CSA, ENEA) - OPEN DAY 1/2:

Details

CITY	DATE	PARTICIPANTS
Roma	24/09/2019	20

Photos



1) ITALY (CSA, ENEA) - OPEN DAY 1/2:

Materials (flyer, slides)

AICQ-CI
Associazione Italiana Cultura Qualità
Centro Insulare

Dal 1955 AICQ diffonde in Italia la cultura della Qualità e dei sistemi gestionali. E' da sempre luogo indipendente per tutti gli operatori del settore, ideale punto di incontro, di ricerca e di dibattito su temi e tecniche gestionali.

AICQ-CI, Federata operante nel territorio Centro Insulare in accordo con le finalità di AICQ è oggi:

- convegni, seminari, pubblicazioni, newsletter, servizi alle imprese e un ampio catalogo formativo nell'ambito:
- dei Sistemi Gestionali: Qualità, Sicurezza, Ambiente, Etica, Sicurezza Informatica e molto altro ancora
- dei Modelli di Eccellenza (EFQM, CAF) applicati al settore privato ed alla Pubblica Amministrazione.

Si autorizza l'insediamento dei dati negli archivi informativi di AICQ-CI e della sua società di servizi PQ2000 Srl a socio unico, nel rispetto di quanto previsto dalla legge sulla tutela dei dati personali. In ogni momento, a norma del Reg. UE2016/679 sarà possibile comunque avere accesso ai propri dati, chiederne la modifica o la cancellazione.

Data _____
Firma _____

Segreteria organizzativa:
Via di San Vito 17 - 00185 Roma
Tel.: 06-4864132 - 0644703329
E-mail: infoci@aicqci.it
www.aicqci.it

BUILDING INFORMATION MODELING:
la certificazione delle nuove figure professionali per il futuro del BIM

24 settembre 2019, ore 15.30
Centro Congressi Cavour,
Via Cavour, 50 — Roma

RICONOSCIUTO DA **aicq sicev**
AI FINI DELL'AGGIORNAMENTO PROFESSIONALE

PQ2000 s.r.l.

BUILDING INFORMATION MODELING:
la certificazione delle nuove figure professionali per il futuro del BIM

Roma, 24 settembre 2019 - ore 15.30

Il BIM - Building Information Modeling è diventato, anche in Italia, il sistema di riferimento per lo sviluppo e l'innovazione tecnologica del settore delle costruzioni e degli impianti industriali. Il BIM si sta imponendo sia nel settore privato che in quello pubblico (avendo quest'ultimo tracciato un percorso di progressiva adozione obbligatoria negli appalti pubblici).

Tale scenario, rende indispensabile disporre di professionisti con specifiche competenze opportunamente qualificate e facilmente riconoscibili sia dal mercato, sia dai singoli committenti.

Per rispondere a tale esigenza diventa necessario assicurare il funzionamento di un sistema che garantisca il processo di "certificazione terza" delle nuove competenze — coerentemente con quanto previsto dalla norma UNI 11337-7:2018 sui "requisiti delle figure professionali" — al termine di appositi percorsi formativi e di processi di riconoscimento professionale.

Lo scenario professionale nazionale andrà mantenuto costantemente in sintonia con le conoscenze e gli standard internazionali.

In questo contesto PQ2000 (società di AICQ-CI, Associazione Italiana Cultura Qualità centro-insulare) apre la nuova attività di "Organismo di Valutazione" delle figure professionali BIM, per conto di AICQ-SICEV, Organismo di certificazione delle competenze accreditato da ACCREDIA.

Registrazione partecipanti

Apertura e coordinamento lavori
Ing. Sergio BINI
Presidente e Progetto Qualità 2000 srl
Past President dell'Associazione Italiana Cultura Qualità centro-insulare

Cosa rappresenta il BIM per il mondo delle costruzioni
Ing. Pietro FEDELE
Presidente Settore Costruzioni di AICQ

Il modello formativo di buildingSMART international
Ing. Anna MORENO
Presidente BIM-BuildingSMART Italia

Il nuovo Regolamento AICQ-SICEV per la certificazione delle figure professionali BIM
Ing. Pier Luigi GUIDA
Responsabile di Schema "Professioni del Registro BIM" AICQ SICEV srl

La Certificazione delle figure professionali BIM
Ing. Michela DE PERSIO
Responsabile "PQ2000—PROFESSIONI"
Organismo di Valutazione professioni Registro BIM

APPROFONDIMENTI E DIBATTITO

1) ITALY (CSA, ENEA) - OPEN DAY 1/2:

Materials (flyer, slides)

The flyer features the logos of ENEA (Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile), NET UBIEP, and aicq (Associazione Italiana Cultura Qualità Centro Insulare). The central text reads "Il modello formativo di buildingSMART International". At the bottom, it lists "Ing. Anna Moreno" and the date "Roma 24 settembre 2019".

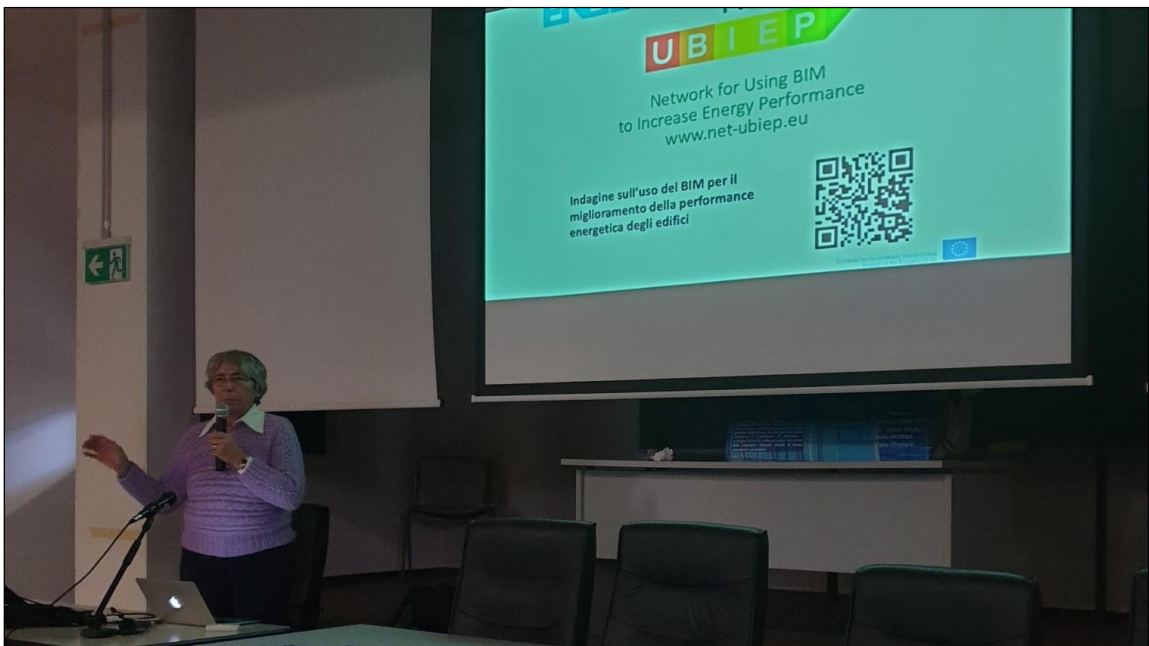
The slide is titled "USO del BIM per la Pianificazione delle emergenze" and includes the BIM logo. It displays four screenshots from a software application: a 3D model of a building, "Obstacles Initialization" showing a 3D model with obstacles, "Escape Route Initialization" showing a 3D model with highlighted paths, and "Pathfinding" showing a 2D floor plan with a highlighted path. A small text box at the bottom left mentions "This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690242". The slide number "21" is in the bottom right corner.

2) ITALY (CSA, ENEA) - OPEN DAY 2/2:

Details

CITY	DATE	PARTICIPANTS
Pescara	27/11/2019	40

Photos



3) ITALY (CSA, ENEA) - OPEN DAY 2/2:

Materials (flyer, slides)

il BIM nella progettazione tecnologica dell'Architettura stato dell'arte e scenari evolutivi

Pescara
27 novembre 2019
ore 14,00-19,00
aula ROSSA
Viale Pindaro

il BIM nella progettazione tecnologica dell'Architettura stato dell'arte e scenari evolutivi

Università degli Studi "G. d'Annunzio" di Chieti-Pescara
Dipartimento di Architettura
Dipartimento di Ingegneria e Geologia

Corso di Laurea quinquennale a ciclo unico in Architettura
Corso di Laurea Specialistica in Ingegneria delle Costruzioni
A.A. 2019-2020

Iniziativa coordinata tra gli insegnamenti di:

Progettazione di sistemi costruttivi A e B
Proff. Antonio Basti e Filippo Angelucci
Tecnologie del Recupero Edilizio
Prof. Gianmichele Panarelli

14,00-14,15
Introduzione
Prof. Antonio Basti, Gianmichele Panarelli,
Università di Chieti-Pescara

Contributi (modera Prof. Gianmichele Panarelli)

14,15-14,45
La Committenza Digitale, Prof. Angelo Ciribini,
Università di Brescia

14,45-15,15
Questioni metodologiche, Prof. Giuseppe Martino Di Giuda,
Politecnico di Milano

Esperienze applicative (modera Prof. Antonio Basti)

15,15-15,45
Ing. Anna Moreno, IBIMI (Institute for BIM Italy) e
Building SMART Italia

15,45-16,15
Arch. Edoardo Accettulli, ANAFYO sngl,
BIM Consultant

16,15-16,45
Dott. Mauro Faccin, Arch. Eneida Lila,
DASSAULT SYSTEMES

16,45-17,15
Dott. Flavio Andreatta,
ALLPLAN Italia

17,15-17,45
Arch. Giovanni Logiudice, Dott. Hilario Bourg,
GRAPHISOFT Italia

17,45-18,30
Arch. Cosimo Puellio,
ACCA software

18,30-19,00
Conclusioni
Prof. Filippo Angelucci,
Università di Chieti-Pescara

3) SLOVAKIA (UVS, ViaEU) - OPEN DAY 1/1:

Details

CITY	DATE	PARTICIPANTS
Bratislava	19/09/2019	129

Photos



3) SLOVAKIA (UVS, ViaEU) - OPEN DAY 1/1:

Materials (flyer, slides)

The flyer is for a conference titled "5. ročník odbornej konferencie s medzinárodnou účasťou BIM a digitalizácia v stavebníctve". It lists the organizer as EURC STAV and supporting organizations as SKA and ZSPS. The date is 19. september 2019 at Kongresová sála SLSP, Bratislava. The main theme is "Digitalizácia stavebníctva, BIM a virtuálna realita, ich využitie pri projektovaní a zhotovovaní novostavieb aj rekonštrukcii historických objektov." The flyer also lists various partners including Rigips, iBinder, doka, NET-UBIEP, Tekla, GFI, SIEBERTALAS, STRABAG, KNAUF INSULATION, STU, and project BIM. The background features a wireframe model of a building.

5. ročník odbornej konferencie s medzinárodnou účasťou
BIM a digitalizácia v stavebníctve

Organizátor:  Konferenciu podporujú:  

19. september 2019
Kongresová sála SLSP, Bratislava

Konferencia sa koná pod záštitou Ministerstva dopravy a výstavby SR

 MINISTERSTVO
DOPRAVY A VÝSTAVBY
SLOVENSKEJ REPUBLIKY

Hlavná téma:
Digitalizácia stavebníctva, BIM a virtuálna realita, ich využitie pri projektovaní
a zhotovovaní novostavieb aj rekonštrukcii historických objektov.

Hlavní partneri:  

Odborní partneri:  

Reklamný partner: 

Partneri:   

Mediálny partner: 

Viac informácií a prihlášku nájdete na www.vydavatelstvoeurostav.sk/sk/konferencie.

4) SPAIN (FLC, CSIC) - OPEN DAY 1/1:

Details

CITY	DATE	PARTICIPANTS
Madrid	30/10/2019	374

Photos



4) SPAIN (CSIC, FLC) - OPEN DAY 1/1:

Materials (flyer, slides)

PROGRAMA

9:30 Recepción y registro de asistentes

10:00 **Bienvenida e Inauguración**
Juan José Juárez Senior Project Manager de la Fundación Berstmann

10:15 **Ponencia motivadora "Perspectiva conectada"**
Daniel Beeña Periodista especializado en transformación digital y director del programa Cámara abierta 2.0 de TVC.

10:45 **Presentación de resultados de proyectos europeos: herramientas tecnológicas para el aprendizaje**
Presenta:
Javier González Responsable de Proyectos Internacionales de la Fundación Laboral de la Construcción.
BUS TRAINERS: Competencias en eficiencia energética y sistemas de energías renovables para los formadores de la industria de la construcción.
Beatriz Ollate Técnica de Proyectos Internacionales de la Fundación Laboral de la Construcción.
TRANSTOWORK: Aprendizaje basado en el trabajo en la industria de la Arquitectura, la Ingeniería y la Construcción (AEC) y la transición de los jóvenes al empleo.
Silvia Santos Técnica de Proyectos Internacionales de la Fundación Laboral de la Construcción.
WOMEN CAN BUILD: Re-concepción de la Formación Profesional hacia una industria de la construcción en igualdad.
Esther Rodríguez Técnica de Proyectos Internacionales de la Fundación Laboral de la Construcción.
TYCON: Mini-juegos que fomentan la competencia empresarial en el sector de la construcción.
Clara Inés García Técnica de Proyectos Internacionales de la Fundación Laboral de la Construcción.
NET-UBIEP: Fomento del incremento del rendimiento energético de los edificios mediante el uso de BIM.
Laura Mera Técnica de Proyectos Internacionales de la Fundación Laboral de la Construcción.
UPP GAMES: Competencias básicas en materia de Seguridad y Salud para trabajos en altura, a través de juegos formativos para dispositivos móviles (app).
Belén Blanco Técnica de Proyectos Internacionales de la Fundación Laboral de la Construcción.
VRDAD: Aplicación de Realidad Virtual de competencias en Seguridad y Salud, en COEX.
David Pesado Técnico de Proyectos Internacionales de la Fundación Laboral de la Construcción.

11:50 **Pausa Café**

Esta publicación refleja únicamente la opinión del autor. La Agencia Ejecutiva de la Pequeña y Mediana Empresa (EASME) de la Comisión Europea no es responsable del uso que pueda hacerse de la información que contiene.

12:10 **Mesa redonda**
"Competencias digitales para la transformación del sector hacia una industria de la Construcción 4.0: más allá de BIM".
Módulo:
José Antonio Viejo Director de Formación y Empleo de la Fundación Laboral de la Construcción.
Intervienen:
Aida Machado Directora Técnica de Integres.
Marta Román Colaborador y responsable de Estrategia e Innovación de EPC Tracker.
Izán Liarte Trabajador en Lobe Construcciones y ex alumno de la Fundación Laboral de la Construcción de Aragón.
Juan Labaco Jefe de Estudios del Centro Integrado de Formación Profesional Fundación Laboral de la Construcción de Aragón.
Oscar Aranda Director de Sistemas de Gestión (Calidad, PRL, Medio Ambiente e Innovación) En Grupo Lobe Construcción.

13:10 **Clausura**
Enrique Corral Director general de la Fundación Laboral de la Construcción.

13:30 **Vino español y networking, con ampliación sobre el proyecto Net-Ubiep**

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5) LITHUANIA (DIGCON, VGTU) - OPEN DAY 1/1:

Details

CITY	DATE	PARTICIPANTS
Vilnius	07/11/2019	47

Photos



5) LITHUANIA (DIGCON, VGTU) - OPEN DAY 1/1:

Materials (flyer, slides)

Skaitmeninė Statyba

VILNIAUS GEDIMINO
TECHNIKOS UNIVERSITETAS

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 754016

HORIZON2020 projekto NET-UBIEP informacinis renginys („Open Day“)

„Kaip užtikrinti A ir aukštesnės energinės klasės pastatų projektavimo ir statybos kokybę: reikalavimai technologijoms ir kompetencijoms“

PROGRAMA

Renginio data: 2019 m. lapkričio 7 d. (ketvirtadienis)
Trukmė: 10:00 – 15:00 val.
Vieta: VGTU Centriniai rūmai, Saulėtekio al. 11, Vilnius, 602 salė (naujas korpusas)

09:30 – 10:00	Dalyvių registracija, pasitikimo kava
10:00– 10:15	Įžanginis žodis. Dalius Gedvilas, VšĮ „Skaitmeninė statyba“
10:15 – 10:35	H2020 programos NET-UBIEP projekto veiklų ir rezultatų pristatymas Tatjana Vilotienė, Vilniaus Gedimino Technikos Universitetas
10:35 – 10:55	Pastatų energinio naudingumo reglamentavimo perspektyvos ES ir Lietuvoje Odetta Viliūnienė, Pastatų sertifikavimo ekspertų asociacija
10:55 – 11:15	Projekto NET-UBIEP sprendinių praktinis taikymas Lietuvoje Vaidotas Šarka, VšĮ „Skaitmeninė statyba“
11:15 – 11:35	Statinių energinio efektyvumo įgyvendinimas turint kompetentingus specialistus (STATREG) Robertas Encius, Lietuvos statybininkų asociacija
11:35 – 12:00	Energinio naudingumo modeliavimas Rasa Džiugaitė-Tumėnienė (Vilniaus Gedimino technikos universitetas)
12:00 – 12:30	Pietūs
12:30-15:00	Apskrito stalo diskusijos: <ol style="list-style-type: none"> 1. Statinių energinio efektyvumo efektyvus užsakovų reikalavimų modelis (Exchange information requirements - EIR) Moderatorius – Vaidotas Šarka, VšĮ „Skaitmeninė statyba“ 2. STATREG kompetencijos ir sertifikavimas Moderatorius – Robertas Encius, Lietuvos statybininkų asociacija 3. Energinio efektyvumo simuliacijos praktikoje Moderatorius – Rasa Džiugaitė-Tumėnienė, Vilniaus Gedimino technikos universitetas
15:00 – 15:10	Uždarymas

Daugiau informacijos:

1. Apie net-UBIEP projektą: <http://www.net-ubiep.eu/lt/home-lt/>
2. Apie BIM metodikos taikymą: www.skaitmeninestatyba.lt
3. Apie statybų sektoriaus e-kompetencijų registrą: www.statreg.lt
4. Apie A, A+, A++ ir NZEB pastatų statybos technologijas: www.statybostaisykles.lt statybos taisyklių ir ENERGOTRAIN skiltis

*Net-UBIEP: D37-D6.4 Second Open Day (Lithuania).
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6) CROATIA (CSA HR, FCE) - OPEN DAY 1/1:

Details

CITY	DATE	PARTICIPANTS
Rijeka	29/10/2019	22

Photos



6) CROATIA (CSA HR, FCE) - OPEN DAY 1/1:

Materials (flyer, slides)

NET UBIEP
Network for Using BIM
to Increase the Energy Performance

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.754016

Net-UBIEP Open day on BIM
In collaboration with Croatian Chamber of Economy – Rijeka County Chamber

29-10-2019 Građevinski fakultet - Radmile Matejčić 3 - 51000 Rijeka - Hall n. 003

The event NET - UBIEP training workshop on BIM, which is part of the training and dissemination activities of Net-UBIEP project, initiatives that belong to the European Union's Horizon 2020 research and innovation programme. The event is designed for Professionals (Engineers / Architects), Technicians (Installers / Maintainers), Technical Students, with the aim of updating and complementing their knowledge in BIM. Through several lectures by experts in the field of BIM will be explained to the participants the opportunities offered by the FREE e-learning platform, which should help in the acquisition and improvement of BIM skills. Furthermore, experts from Croatia and Italy will share their positive and negative experiences of applying BIM processes and tools.

Program

- 9.00 - 9.15 **Welcome and opening remarks** | CS Aziendale Soc. Cons. arl
- 9.15 - 9.30 **Presentation of the NET-UBIEP Project** | CS Aziendale Soc. Cons. arl
- 09.30 - 10.00 **Basic BIM Knowledge and Skills** | University Of Zagreb. Faculty of Civil Engineering
- 10.00 - 10.30 **Diffusion of BIM** | University Of Zagreb. Faculty of Civil Engineering
- 10.30 - 10.45 **Coffee break**
- 10.45 - 11.30 **Application of BIM for data management** | University Of Zagreb. Faculty of Civil Engineering
- 11.30 - 12.30 **Implementation of BIM for Procurement Management** | University Of Zagreb. Faculty of Civil Engineering
- 12.30 - 13.00 **Lunch**
- 13.00 - 14.00 **Use of BIM technology and analysis of BIM models** | University Of Zagreb. Faculty of Civil Engineering
- 14.00 -15.00 **Demonstration of the Open BIM tools** | University Of Zagreb. Faculty of Civil Engineering
- 15.00 -16.00 **Additional materials about BIM presentation/Discussion** | University Of Zagreb. Faculty of Civil Engineering
- 16.00 - 16.45 **Test of knowledge about BIM**
- 16.45 -17.00 **Coffee Break**
- 17.00 -17.45 **BIM case studies - 3D ART d. o. o.**

< More information about the project >
<http://www.net-ubiep.eu/hr/home-hr/>

< Registration link >
<https://forms.gle/Tdd6ajbudIK7Mhug8>

< Contact >
netubiejrijeke@gmail.com

Please answer to net-UBIEP questionnaire before and after the course to verify your knowledge of the use of BIM for improving energy performance in buildings:

< Post-training questionnaire >
<https://forms.gle/iCWzfz7TuQpxmVZl7>

< Post-training questionnaire >
<https://forms.gle/tr2x9r32LyzPAoQw9>

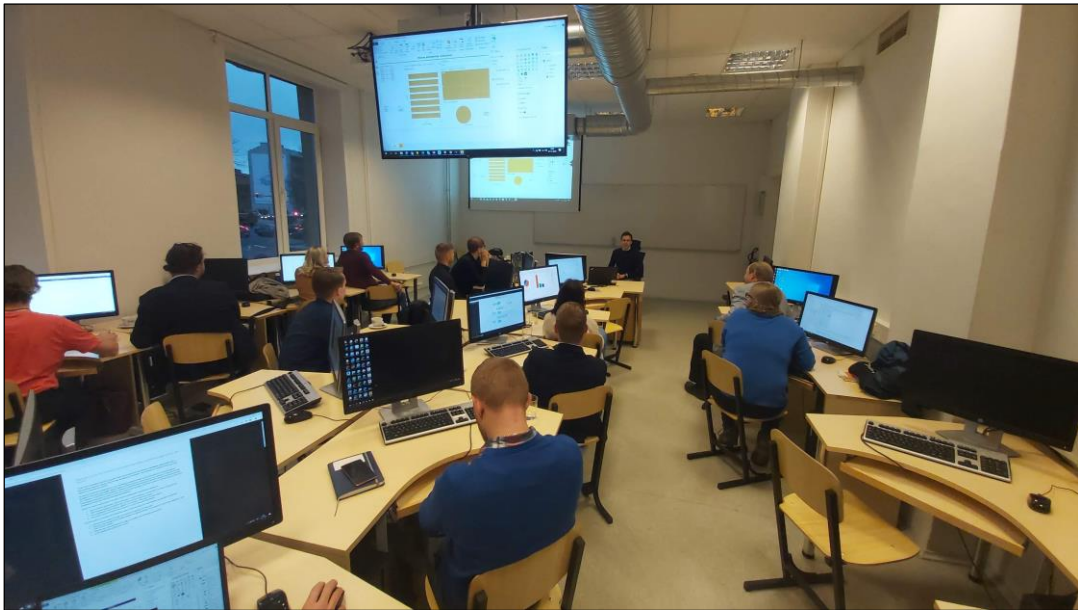
Logos: 3d art, GF, GP, H G K, HRVATSKA GOSPODARSKA KOMORA, ENA, GRUPPO CS, VIAEUROPA, CSIC, isse, BALANCE @ RESULT, ETET

7) ESTONIA (EGLC, TTU) - OPEN DAY 1/1:

Details

CITY	DATE	PARTICIPANTS
Tallinn	08/11/2019	151

Photos



7) ESTONIA (EGLC, TTU) - OPEN DAY 1/1:

Materials (flyer, slides)

1. TÖÖTUBA 07.11.2019	2. TÖÖTUBA 07.11.2019	3. TÖÖTUBA 07.11.2019	KONVERENTS 08.11.2019
Konverents			
Ruum: Aula			
9:00	Registreerumine		
9:15	Avamine	Lauri Peetrimägi ja Lauri Kivil	
9:30	Ehituse muutmine: platvormikeskne kavandamine ja kohandamine	Michail Kagioglou Huddersfieldi Ülikool, UK	
10:00	Mis on tööstus 4.0	Tauno Otto Tallinna Tehnikaülikool, Eesti	
10:30	Kohvipaus 15 minutit		
10:45	Ehitusplatvormid ja platsipõhine osaline modulariseerimine	Andres Kudsk NCC Denmark, Taani	
11:15	Tehisintellekt ja andmeteadus praktilisest vaatest	Jaak Vilo Tartu Ülikool, Eesti	
11:45	Lõuna 60 minutit		
12:45	Ehitusvaldkonna muutmise väljakutsed UK ehitusturu näitel	Paul Holt MAC Construction Consultants, UK	
13:15	Ehitus 4.0 küberohud ja haavatavus	Erika Pärn Cambridge'i Ülikool, UK	
13:45	Hübriidkonstruktsioonid Helsingi keskraamatukogu näitel	Siim Leisalu Timbeco Woodhouse, Eesti	
14:15	Kohvipaus 15 minutit		
14:30	Automaatne seisundiseire sildade näitel	Saeed Talebi Huddersfieldi Ülikool, UK	
15:00	Tehasemajade tootmise automatiseerimine	Lauri Tuulberg Welement, Eesti	
15:30	Andmekesksete ärimudelite ja teenuste arendamine	Mohamed Zaki Cambridge'i Ülikool, UK	
16:00	Paneeldiskussioon: Kas meil on vaja mõttemallide muutmist?	Ivo Jaanisoo MKM, Eesti	
16:45	Kokkuvõte ja nägemiseni	Ergo Pikas MTÜ ETET, Eesti	

8) THE NETHERLANDS (ISSO, B&R) - OPEN DAY 1/1:

Details

CITY	DATE	PARTICIPANTS
Woerden	24/06/2019	17

Photos

