



BIM-based EU -wide Standardized Qualification Framework for  
achieving Energy Efficiency Training

## **D6.5 – Dissemination and communication report**

**Appendix 3: All dissemination and reflection actions listed.**

<b>WP 6</b>	<b>Leader: VTT</b>
<b>Task 6.5</b>	<b>Leader: VTT</b>
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Date	February 2020, <u>Appendix 3 added in May 2021</u>
Partners involved	VTT, LIST



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### Appendix 3: All dissemination and reflection actions listed.

All trainings and active dissemination & reflection actions are listed in the figures and tables of this appendix.

Attendees in BIMEET trainings:

- Training courses 18 with 293 participants
- eLearning courses 2, with 754 participants
  - o estimation of the learners by end of year 2020: 3893

Participation in workshops

- National workshops 270
- Conferences 750
- Expert panel meetings 75
- Final workshops 70

Experts and teachers, professionals and students reached, an **estimation of total number of attendees and participation: 2212 (6105 by the end of year 2020).**

This estimation does not include number of persons reached via www-pages or BIMEET social media channels. Further, the Energy BIM community have 76 registered users in the Energy BIM platform, connected to BIMEET project.

When	Participants	How many persons?	How many days?
2019	BIM coordinator course participants - professional education	14	3
2020	BIM coordinator course participants - professional education	21	3
2019	BIM basics course online	12	3
2020	BIM basics course online	14	3
2019	BIM manager course	8	1
2018	Students from Master's program at Metropolia _Product modeling course	30	3
2019	Students from Master's program at Metropolia _product modeling course	26	3
2019	Students from Bachelor program at Metropolia _Utilization of BIM in construction	17	2
2020	Students from Bachelor program at Metropolia _Utilization of BIM in construction	8	2

When	Participants	How many persons?	How many days?
February 2018	Trainers of the French national education	18	3
October 2018	Professionals: ARCH, CD, ASS, BM, BC, C	14	1
2018 – 2019 – 2020	Students from ENSAM (Ecole des Arts et Métiers) and USLB (Université Savoie Mont-Blanc)	40	4
2018 – 2020	Professionals: site managers on energy efficiency	12	0,5

When	Participants	How many persons?	How many days?
2017	Association of Architects Thessaloniki	20	4
2018	Professionals ARCH,STR engineers + company of MEP engineers	9	2
2019	Professionals ARCH,STR engineers + 2 construction firms	11	2
2020	Professionals ARCH,STR engineers	4	1

When	Participants	How many persons?	How many days?
2018	Professionals ARCH,STR engineers, MEP engineers, constructors and researchers on BIM and improved energy efficiency	15	1

## TRAINING COURSES + E-LEARNING

Total number of participants: 293

	Students	Professionals	All
House of Training	-	15	15
Metropolis	81	69	150
INE S	58	26	84
BIM Design Hub	-	44	44
<b>TOTAL 1</b>	<b>139</b>	<b>154</b>	<b>293</b>
eLearning courses	300 (estimated minimum)	900 (estimated minimum)	1200 (estimated minimum)
<b>TOTAL 2</b>	<b>439</b>	<b>1054</b>	<b>1493</b>



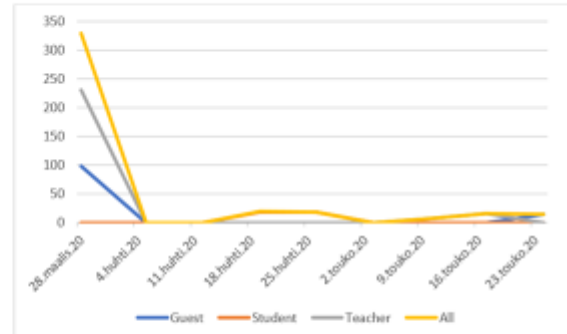
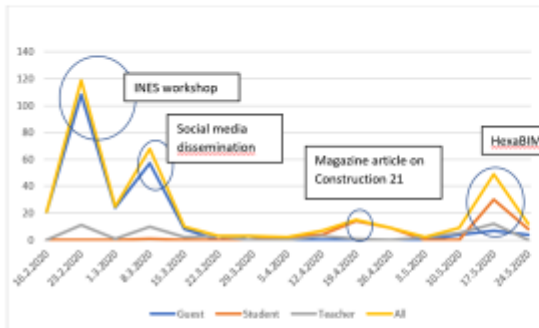
In 6 months the estimation will be total 1300 users in blended learning courses (using BIMEET eLearning material)

Estimated number of participants until end of 2020: 3893

	Students	Professionals	All
Executed training courses during BIMEET project	139	154	293
Planned training courses 2020	560	120	680
<b>TOTAL training</b>	<b>699</b>	<b>274</b>	<b>973</b>
Estimated minimum audience for eLearning courses	300 (estimated minimum)	900 (estimated minimum)	1200 (estimated minimum)
Estimated average audience for eLearning courses in 2020	2230	690	2920
<b>TOTAL participants and audience</b>	<b>2929</b>	<b>964</b>	<b>3893</b>

## BIMEET E-LEARNING MATERIAL USERS

from mid Feb to mid May



BIM and EE ~ 354 users

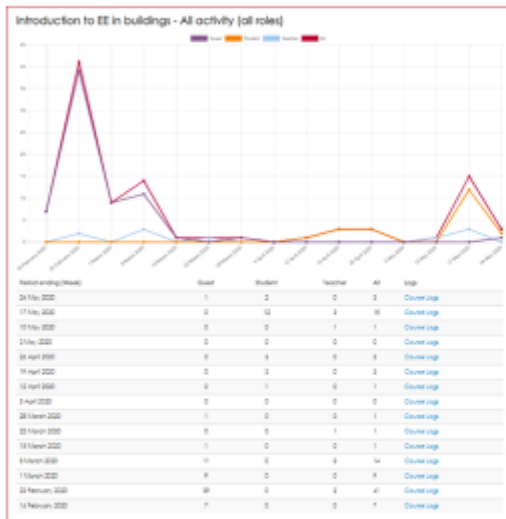
BIM and EPC ~ 404 users

**TOTAL (in 3 months): 754 users**  
In 6 months the estimation will be total 2262 users.  
- Target was set: 1200 in impact estimations

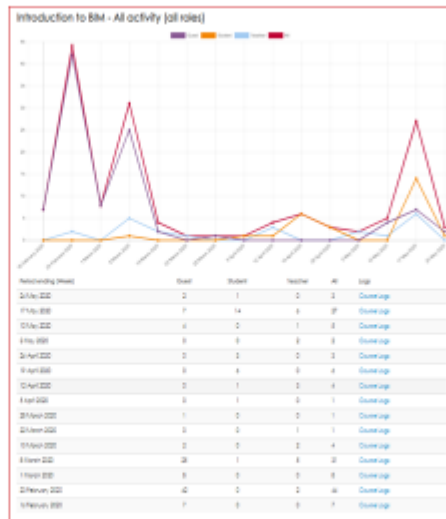
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## E-LEARNING COURSES

from mid Feb to mid May



Students: 21. Professionals: 76



Students: 48. Professionals: 120


**TOTAL (in 3 months): 265**



**Students: 69**  
**Professionals: 196**



In 6 months the estimation will be total 800.  
- Target 1200  
- in September 500 students from Metropolia => 1300

20 students have got a certificate (by Eksergia). More students daily...  
BIM for EPC -eLearning might be part of a course in Lappeenranta AMK.

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Organizer, Place and date	Purpose	Topics	Attendees
VTT and Metropolia Espoo, Finland. August 21st, 2018. <a href="http://www.metropolia.fi/koulutukset/taidennyskoulutus/tekniikka/bimene-seminaari/">http://www.metropolia.fi/koulutukset/taidennyskoulutus/tekniikka/bimene-seminaari/</a>	BIMEET presentation in BIMENE - BIM Education and Networking Event. The purpose was to present the BIMEET project, consortium, main objectives and tasks, and to present and discuss the first results.	Introduction of BIMEET project (Tarja Häkkinen VTT) Energy-efficiency aspects in the Finnish COBIM( Maarja Laukkanen) Presentation of the first draft for the national Skills-Knowledge-Competences matrix (Tarja Häkkinen) and discussion	100 attendees including teachers and BIM professionals.
CRES October 2018	BIM: info, training and networking. Presentation of BIMEET	1) Informing about BIM; The way it functions, why to use it, who is involved, how people can be trained. Presentation by Mrs N. Panagiotidou 2) BIMEET (BIM and Energy Efficiency Training) Presenting the BIMEET project and the up-to-date results.	Not available, <i>estimation: 50</i>
LIST November 14th, 2018	BIMEET project workshop in Luxembourg during BIMLUX 2018 Conference	General information, presentation of a poster on LIST's booth (see below), introduction of BIMEET during a keynote talk (Sylvain Kubicki presentation) Review of BIMEET findings and brainstorming with professionals	250 participants, construction stakeholders
			
BRE BIM workshop including BIMEET session at BRE	BIM workshop including BIMEET session at BRE	BIM info and project info	Not available, <i>estimation 50</i>
Cardiff University UK organized a workshop on 18.9.2018 at Cardiff University	The session was linked to PRO-VE conference in Cardiff.	BIMEET workshop in the UK. Presentation and a panel discussion about Elements of Adoption of Digitalization including Competence building (Participants: Ioan Petri from CU, Tarja Mäkeläinen from VT, Sylvain Kubicki from LIST)	50 researchers and experts from the industry, mainly from process industry

			
VTT and Metropolia	Workshop in SBE19, May 2019, Helsinki, Finland. SBE 19 - Emerging Concepts for Sustainable Built Environment	To introduce BIMEET S-K-C definitions and BIMEET learning outcome (LOs) structure and content. Presentations from Sunil Suval, Maaria Laukkanen and Tarja Mäkeläinen. The target of the workshop was to collect feedback on presented BIMEET results from researchers and experts from the industry.	16 experts
LIST November 19th, 2019	BIMEET project presented during BIMLUX 2019 Conference	General information, presentation of a poster and tangible table tool on LIST's booth (see below), introduction of BIMEET during a keynote talk (Sylvain Kubicki presentation)	<b>500+ participants</b> , construction stakeholders
			
All BIMEET participants	Expert panel meeting number 1 February 2018, Brussels, Belgium	Project results Presentations by all BIMEET partners Getting feedback on the WP2 work and preliminary results which informed the elaboration of D2.1 and D.2.3 deliverables.	Expert panel members, around 40 specialists in the field of BIM.
	Expert panel meeting number 2 November 2019, Brussels, Belgium	Project results, all WPs Presentations by all BIMEET partners Presentations by all BIMEET partners Feedback in from of Group work on use-cases, LO's and eLearning material	Expert panel members, around 35 specialists in the field of BIM.

			
<p>Training courses</p>	<p>Number of piloted courses: 18</p>		<p>Altogether 293 students and experts trained</p>
<p>INES, Institut National de l'Énergie Solaire</p>	<p>Workshop and final seminar,        February 2020        in Le Bourget-du-Lac,        Savoie, France</p>	<p>Project final results        Getting feedback on the WP2 work and preliminary results which informed the elaboration of D2.1 and D.2.3 deliverables.</p> 	<p>70 researchers and experts from the industry. also, participants from Scotland and Italy</p>



BIMEET  
Call: H2020-CSA-EE14 Construction Skills  
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