Co-funded by the Erasmus+ Programme of the European Union

MARE -Marine Coastal and Delta Sustainability for Southeast Asia

Minutes of Online-Training on Information and Communications Technology (ICT)

Title:	MARE - Marine Coastal and Delta Sustainability for Southeast Asia
Number:	610327-EPP-1-2019-1-DE-EPPKA2-CBHE-JP
Coordinator:	Center for Multimedia in Higher Education (ZMML), University of Bremen
Partners:	UniHB, UNICT, EMU, CNR, HCMUNRE, VMU, CTU, MCD, VNIO, UniKL, UTM, UTP. UMT

A four-day training was held on June 30th – July via the online platform Zoom.

The interactive training aimed at introducing key aspects of "Information and Communications Technology" to the participants and had been delivered by the European partners of both the MARE and the URGENT project. The training contained the theoretical input by lecturers, practical group exercises for the participants and additional information and input from experts from the field of ICT. As part of the training, participants had been introduced to the topic of ICTs, their growing importance in society and academia as well as received detailed and in-depth knowledge on important and popular ICT methodologies (e.g., Geo- Information Systems, Lecture Recordings, Web-based Learning Platforms, etc.).

Specific objectives of the training were to strengthen capacities of participants and fellow project members, to enhance cooperation between partners and to provide specific scientific knowledge and examples on describing, using, and understanding ICTs. A particular focus lied on the rise of ICTs during the ongoing global pandemic and the lessons learned during this period.

Objectives of the training:

a. To learn about the fundamentals of ICT
b. Theoretical Input and Practical Exercises
c. To gain knowledge on ICT Teaching and Learning Tools
d. Good practice – Guest lecturers and practical examples
e. Advantages and Disadvantages of ICT methods
f. Interaction between Participants with open-mindedness
g. To enhance co-operation and strengthen capacities
h. To use training results for Next Steps in both MARE and URGENT

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Speakers:

***Arjan de Groot**, Researcher, Institute for Geosciences and Geography, Dept. Sustainable Landscape Development, Martin-Luther-Universität Halle-Wittenberg.*

***Veljo Kabin**, E-learning and Moodle support educational technologist, University of Life Sciences, Estonia*

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***Volha Kaskevich**, environmentalist, Chief specialist of Environmental Protection and Landscape Management, Institute of Agricultural and Environmental Sciences, University of Life Sciences, Estonia*

***Daniele La Rosa**, Professor (Associate) University of Catania, Department of Civil Engineering and Architecture*

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***Kalev Sepp**, Professor, Chair of Environmental Protection and Landscape Management Institute of Agricultural and Environmental Sciences, University of Life Sciences, Estonia*

***Simon Bell,** landscape architect, Professor at Estonian University of Life Sciences and Associate Director, OPENspace, Edinburgh College of Art*

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***Massimo Zotti**, Head of Government & Security SBU, **Planetek Italia,** specializes in GIS and Remote Sensing at Geography Department of the University of Nantes (France).*

***Michael Schwenk**, Media Services, IT Professional at University of Bremen*

On Day 1, the preparation of participants provided by facilitators Arjan de Groot and Veljo Kabin**: reviewing study materials on ICT and preparation for GIS Exercise, downloading and installing of QGIS.**

Day 2 was dedicated to the topic of Introduction to ICT and Marketplace on ICT Methods in groups with presentations on the Plenary Session and Q&A Panel.

Arjan de Groot	University of Halle-Wittenberg, Germany	The first day was dedicated to the topic of Introduction to ICT

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Veljo Kabin	University of Life Sciences, Estonia	and Marketplace on ICT Methods in groups with presentations on the Plenary Session and Q&A Panel. Arjan de Groot, Volha Kaskevich, Veljo Kabin made introduction to the topic "What is ICT? Why is it important nowadays? What is the role of ICT during the pandemic? How to use ICT correctly/efficiently? Tie into MARE and URGENT, why ICT is important for those projects? Brief showcase different ICT methods and approaches".
Volha Kaskevich	University of Life Sciences, Estonia	The marketplace was held in group work on the topics, divided by project countries (India, Malaysia, Mongolia, Vietnam • E-Learning Platforms (InTeGrate, Ilias, Moodle) • Online Communication Tools (Zoom, BBB, Google Meet) • Presentation Tools (Prezi, Google Slides) • GIS • Blended Learning • Online Teaching Tools

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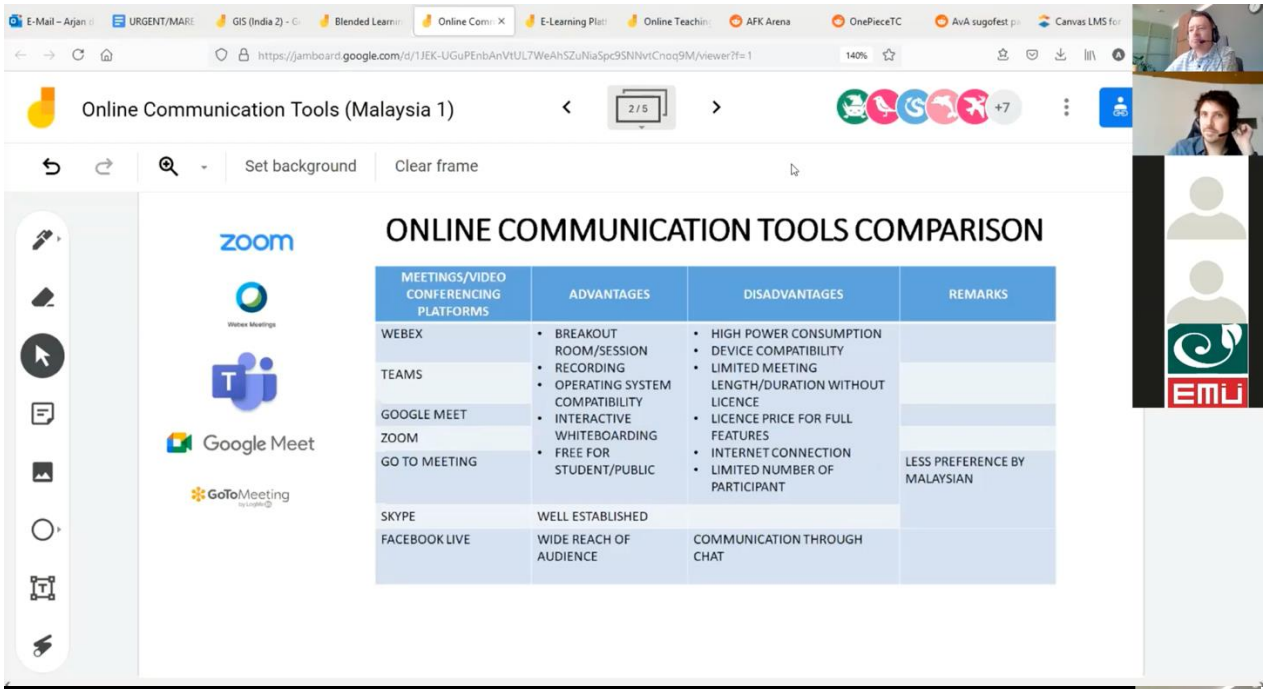

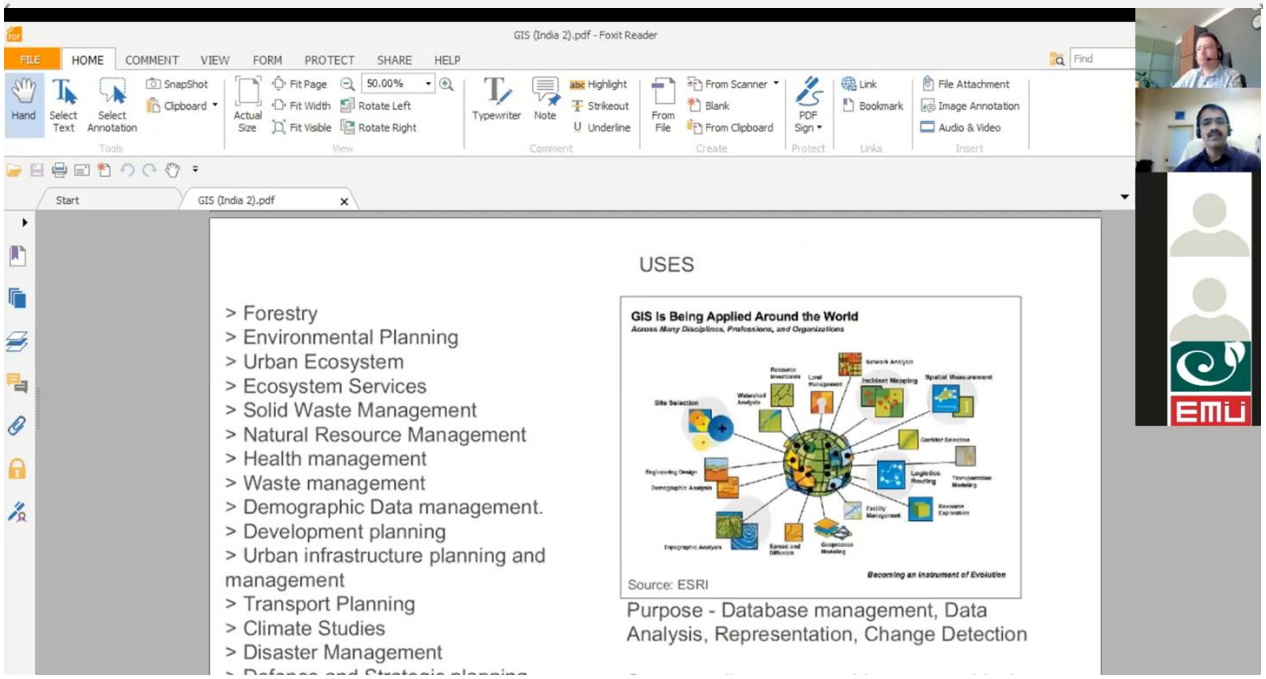

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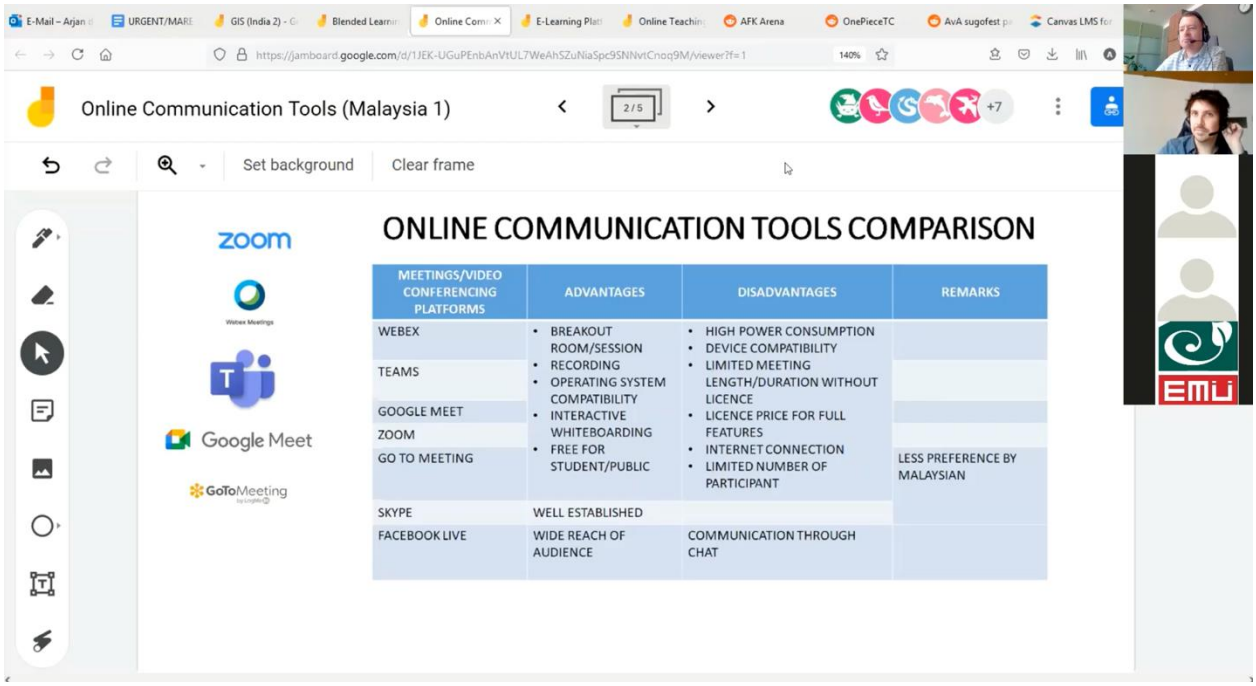

Video record of Training Day 2 by the link
https://drive.google.com/file/d/19cZRugzKNafrg7DXhWO64UPGDUvGnqjH/view?usp=sharing

Day 3 was dedicated to the topic ICT Tools and Methods showcases and group/individual exercise.

Alexander Hillmann	University of Halle-Wittenberg, Germany	○ Showcases with specific examples from EU practice a. Online Teaching Tools (Recording/Giving Lectures) b. Moodle, E-Learning Platforms c. Geo-Information Systems (GIS) ○ Group / Individual Exercise The session required pre-installed software. We provided open data for urban green infrastructure development, which was visualised by participants.
Veljo Kabin	University of Life Sciences, Estonia	
Daniele La Rosa	Laboratorio per la Pianificazione Territoriale e Ambientale (LAPTA) Dipartimento Ingegneria Civile e Architettura Università di Catania	

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		Constructed exercise based on that data with different questions had to be answered and maps to be created. The exercise was made in two tasks, one for beginners and one for advanced users of GIS for implementation. The Plenary Session showed correct results so that everyone knew what the idea of the exercise was and how the tool had to be used. With Feedback / Q&A the session was closed.

Universität Bremen
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ZMML
Zentrum für Multimedia in der Lehre
URGENT
ZMML Media Service Department
→ We provide:
Infrastructure for video based lectures
Production, management and publication of videos
Live recording & streaming in lecture halls
Green screen studio productions
One-Button-Record-Studio
Production of films, tutorials, screencasts
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MARE
URGENT
Erasmus+ Programme of the European Union
Urban Resilience and Adaptation for India and Mongolia:
curricula, capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature-based solutions
619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP
moodle
World's most popular online LMS
Velio Kahin, Estonian University of Life Sciences

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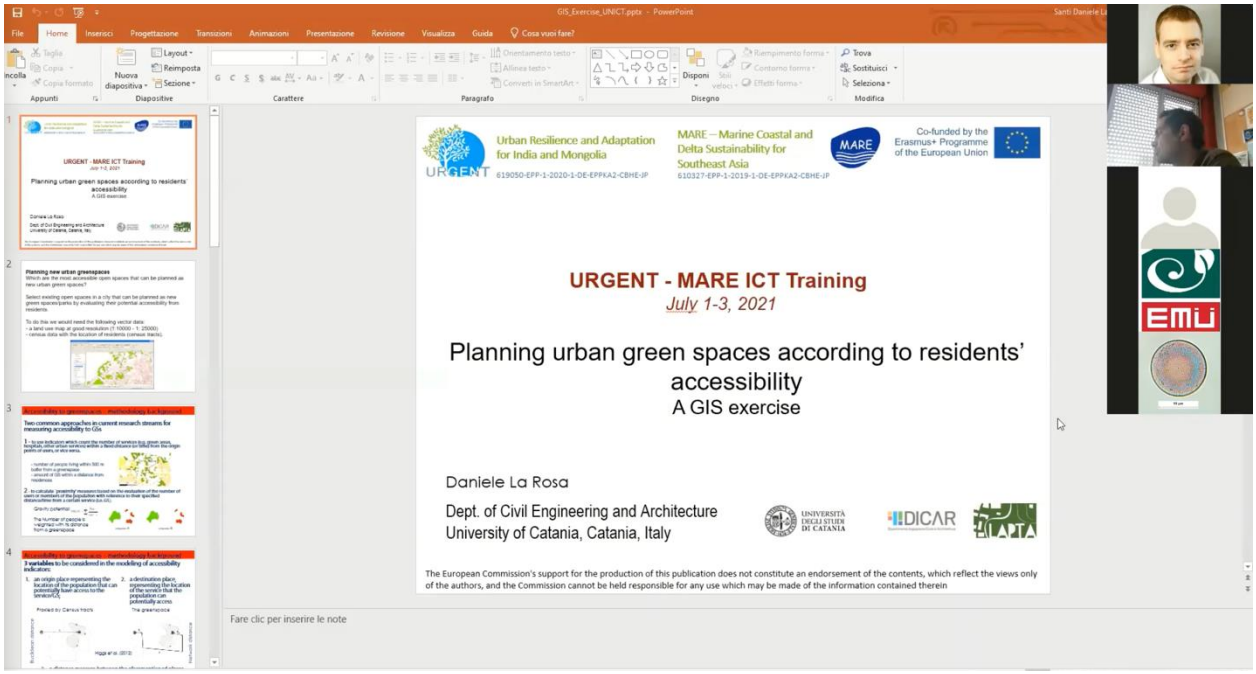

Video record of Training Day 3 by the link
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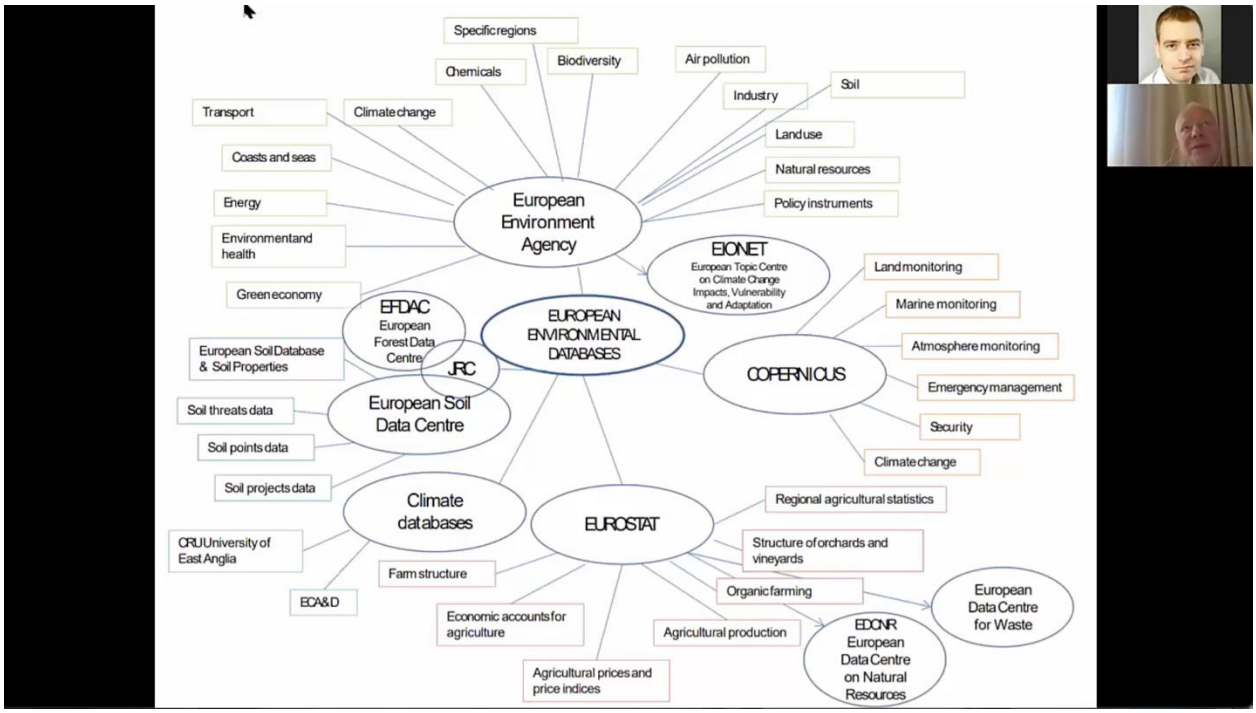
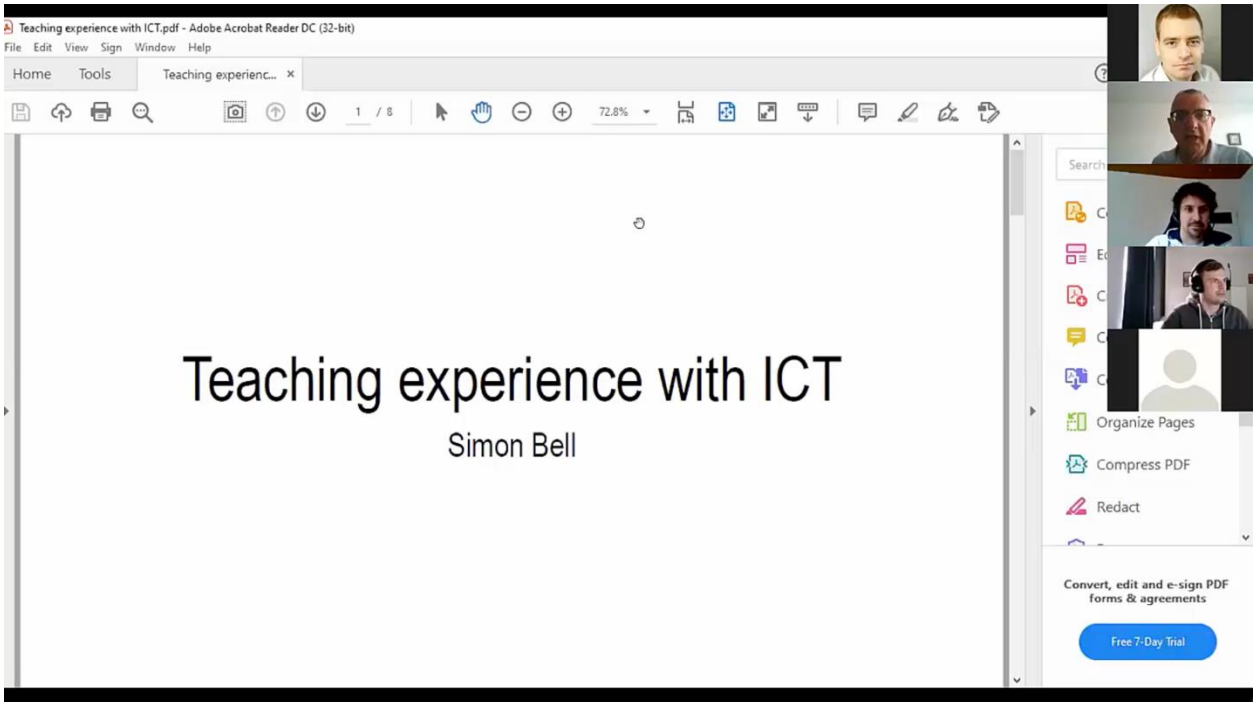
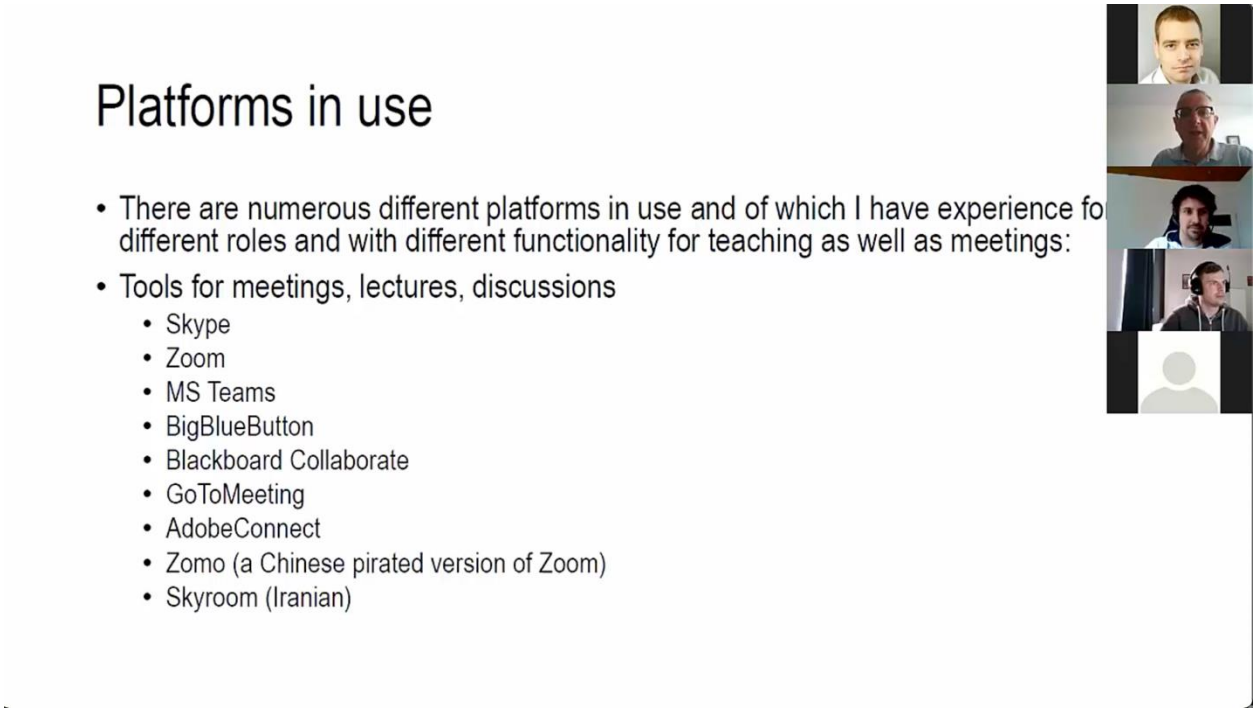
Day 4 was dedicated to get inspiration and best practices from guest lectures from Applied ICT.

Kalev Sepp	University of Life Sciences, Estonia	We invited people from the applied field of ICT to showcase their work, method, organisation and tool. • E-Science was delivered by Kalev Sepp • Using ICT tools in 3D modeling during the pandemic, Miro & Adobe Rooms by Simon Bell • Developing software for universities on the topic of online education provided by Michael Schwenk Q&A after each presentation and the "Open Platform" space were provided during the session.
Simon Bell	University of Life Sciences, Estonia	
Michael Schwenk	Heidelberg University, Germany	
Massimo Zotti	Planetek Italia Tentative title "Open-source satellite imagery for territorial resilience"	Open Access Copernicus Services for Land Monitoring
Open Platform for Participants	Potentially Peer-to-Peer Session	Participants showed

		their previous work/current projects related to ICT and introduced a part of their project that they are dealing with







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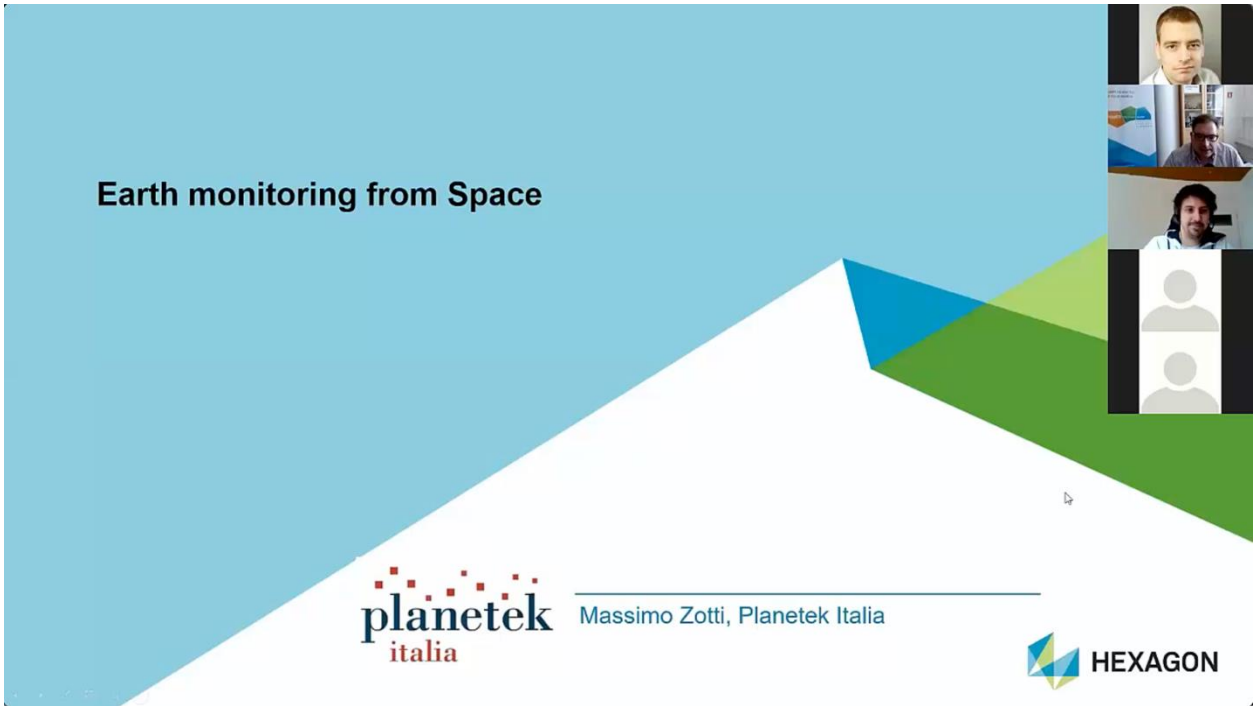

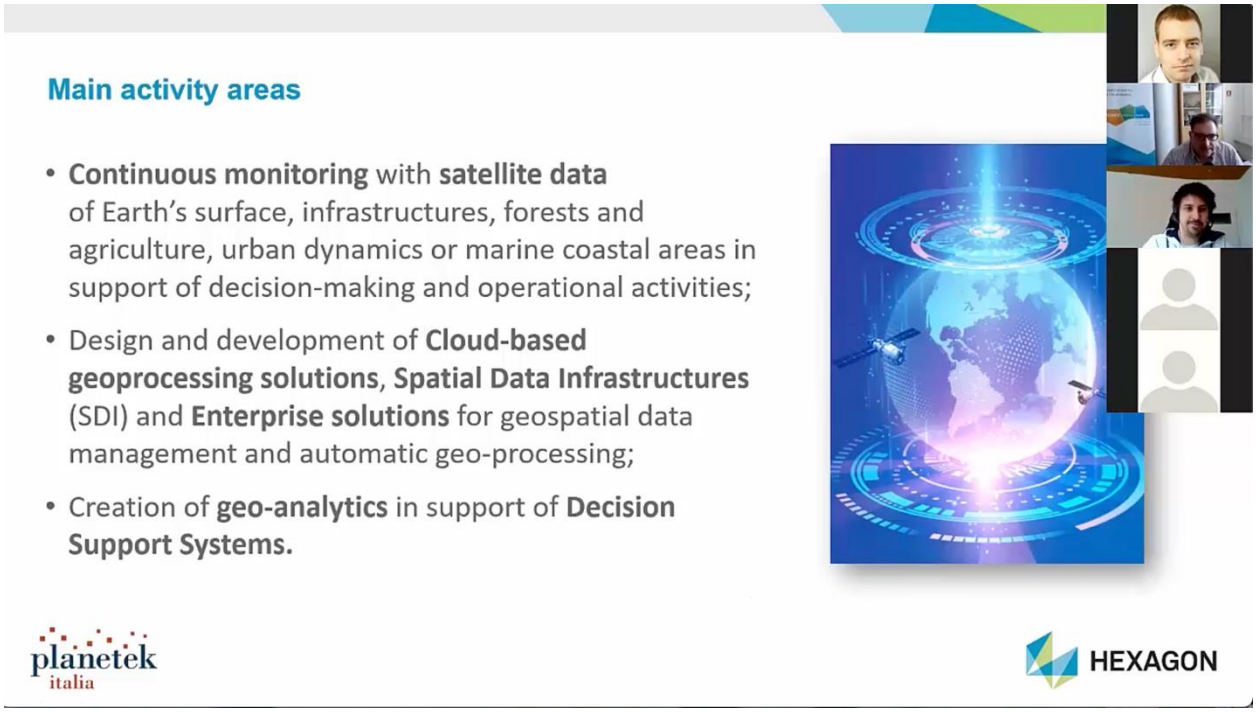

Video record of Training Day 4 by the link

https://drive.google.com/file/d/1RJQb2B32EeHWdd9aQBD5b-sCGTvDtdoZ/view?usp=sharing

All the participants who have attended the whole program and has completed all the tasks got the certificates.

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Certificate of Training

This acknowledges that

Dr. Delgerjargal Dugarjav

has successfully completed the training program "Training on Information and Communications Technology (ICT) in the frame of ERASMUS+ Projects MARE* & URGENT** and awarded 1 ECTS.

Program duration:
29.06. – 02.07.2021 (20 hours)

Universität Bremen ZMML

Dr. Yildiray Ogurol (Managing Director ZMML)

* **MARE -**Marine Coastal and Delta Sustainability for Southeast Asia
www.mare-project.net

** **URGENT-** Urban Resilience and Adaptation for India and Mongolia: curricula, capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature-based solutions
www.urgent-project.net

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