

Professional event #05 INFOR ELEA

During the 1st JST - Joint Staff Training Event Tackling up digital change through innovative curricula for Citizenships and Sustainable Business education (organized by University Politehnica of Bucharest, Romania), INFOR ELEA representatives have presented the PLANET LMS as an innovative tool for improving learners' competence on renewable energy production.

What was the aim?

- To maximise the impact on each project partner organisation with particular concern to teaching and learning for Sustainable Development Goals (SDGs).
- To prepare higher education teachers and trainers to become drivers of positive change in their institutions, by making the modernized learning curricula more directly relevant to the actual learning needs of society.
- To enable participating organisations from project consortium to gain experience in international cooperation and to strengthen internal capacities.

What was offered during the event:

- It supports participants in developing innovative curricula through digital educations which allow a deeper understanding of innovative pedagogical approaches ICT-based needed to deliver transversal competences, in line with actual labour market and societal needs.
- It involves 3 (three) training days, via on-line format, with a mixt of presentations, discussions and workshops on topics as follows:
 - 1 st day – Education & sustainable growth for human development
 - 2nd day – Making better use of digital technology for teaching and learning
 - 3rd day – Skills for sustainable growth of economy
- Modules to support e-learning experience on key subjects of Innovation for Sustainable Development Goals (SDGs); Digital teaching and learning; Flipped classroom and techniques for eLearning; Designing cross-disciplinary learning objectives and descriptors with concern on specific topic i.e. economic, environmental and social challenges.

Teachers and trainers from came from:

- ➤ University Politehnica of Bucharest, Romania;
- ➤ SC. Eurotraining Solution, Romania;
- ➤ InforElea, Italy;
- ➤ University of Ruse "Angel Kanchev", Bulgaria;
- ➤ University of Lodz, Poland;
- ➤ Brno University of Technology, Czech Republic.

1st JST - Joint Staff Training Event

Tacking up digital change through innovative curricula for Citizenships and Sustainable Business education November 25th - 27th 2020

SC EUROTRAINING SOLUTION ROMANIA

organized and host by partner P2. SC EUROTRAINING Solution via **online communication channel ZOOM**

Agenda Training

Time	Day 1 - 25/11/2020	Day 2 - 26/11/2020	Day 3 - 27/11/2020
9.30 – 11.00	Opening session:	Opening session:	Opening session:
	Welcome address ; Project objectives; Session structure;	Brief summary of day 1	Brief summary of day 2
	2030 Agenda and SDGs and EU priorities and principles	Workshop session:	Workshop session:
	Learning objectives of the training and participants presentations	Digital teaching and learning: coaching and mentoring; face-to-face interaction via technology	Knowledge and understandings of business practices education for SDGs – Czech Republic view
	<i>P. prof. Dr. Eng. Elena FLEACĂ,</i> <i>P1. University Politehnica of Bucharest, Romania</i>	<i>Mr. Carlo COLOMBA</i> <i>P3. INFORELEA ACADEMY, Italy</i>	<i>Ing. Zuzana CHVATALOVA, Ph.D. and Assoc. Prof. Ing. Zdenka KONECNA, Ph.D.</i> <i>P6. Brno University of Technology, Czech Republic</i>
11.00 – 11.15	Break		
11.15 – 12.45	Workshop session:	Workshop session:	Workshop session:
	Knowledge on Innovation and SDGs: drivers on societal challenges and global goals; educational approaches for teaching and learning on SDGs;	Digital teaching and learning: Techniques for eLearning Best Practices: PLANET & EPEP Learning Management Systems developed within the Erasmus+ projects	Design the cross-disciplinary map with specific learning objectives and descriptors with concern on specific topic (i.e. economic, environmental and social challenges)
	<i>Dr. Janusz REICHEL</i> <i>P5. University of Lodz, Poland</i>	<i>Mr. Giuseppe VANELLA</i> <i>P3. INFORELEA ACADEMY, Italy</i>	<i>Lect. Ph.D. Theodora DOLTU</i> <i>P1. University Politehnica of Bucharest, Romania</i>
12.45 – 13.00	Break		
13.00 – 14.30	Workshop session:	Workshop session:	Workshop session:
	Key competences for sustainability citizens and pedagogical framework with specific learning objectives for SDGs in the area of cognitive, socio-emotional and behavior domains;	Knowledge and understandings of business practices education for SDGs – Bulgaria view	Design the cross-disciplinary map with specific learning objectives and descriptors with concern on specific topic (i.e. economic, environmental and social challenges)
	<i>Dr. Agata RUDNICKA</i> <i>P5. University of Lodz, Poland</i>	<i>Senior assistant prof. Irina KOSTADINOVA, PhD.</i> <i>P4. University of Ruse "Angel Kanchev ", Bulgaria</i>	<i>Lect. Ph.D. Theodora DOLTU</i> <i>P1. University Politehnica of Bucharest, Romania</i>
14.30 – 14.45	Break		
14.45 – 16.00	Workshop session:	Workshop session:	Workshop session:
	Sharing economy – understanding of business practices education for SDGs	New pedagogical approaches and blended learning ICT-based	Presentations and discussions on the application developed during the teamwork
	<i>Eng. Marie-Jeanne IORDACHE</i> <i>P2. Eurotraining Solution, Romania</i>	<i>Senior assistant prof. Svilen KUNEV, PhD.</i> <i>P4. University of Ruse "Angel Kanchev", Bulgaria</i>	<i>Lect. Ph.D. Theodora DOLTU</i> <i>P1. University Politehnica of Bucharest, Romania</i>
16.00 – 16.15	Wrap-up session: evaluation of event, final remarks and conclusions		

The image displays two screenshots of a Zoom meeting. The top screenshot shows a presentation slide titled "PLANET Training Course for biomass" with a table of contents and a list of activities. The bottom screenshot shows the same presentation slide with a different layout. Both screenshots include a Zoom interface with a top bar showing participants, a right sidebar with a participant list and chat, and a bottom bar with meeting controls.

Zoom Meeting Interface:

- Top Bar:** Shows the meeting title "Zoom Meeting" and a list of participants: Dana Ghetu, Marie-Jeanne, Giuseppe Vanella, Eurotraining, and Carlo Colom.
- Right Sidebar:**
 - Participants (18):** A list of participants with their names and status (e.g., Dana Ghetu (Me), Eurotraining Solution (Host), Giuseppe Vanella, Andrea Karas, Andreea MG Militaru).
 - Zoom Group Chat:** A chat window showing messages from participants, including "Hello, I am here as well :-)", "I can see the slides as well.", and "Ivalina, are you here?".
- Bottom Bar:** Shows meeting controls: Unmute, Start Video, Participants, Chat, Share Screen, Record, Reactions, and a red "Leave" button.

Presentation Content:

The presentation slide is titled "PLANET Biomass training course". It includes a table of contents and a list of activities. The top screenshot shows a table of contents with sections like "Day 1: Biomass", "Day 2: Biomass", "Day 3: Biomass", "Day 4: Biomass", "Day 5: Biomass", "Day 6: Biomass", "Day 7: Biomass", "Day 8: Biomass", "Day 9: Biomass", "Day 10: Biomass", "Day 11: Biomass", "Day 12: Biomass", "Day 13: Biomass", "Day 14: Biomass", "Day 15: Biomass", "Day 16: Biomass", "Day 17: Biomass", "Day 18: Biomass", "Day 19: Biomass", "Day 20: Biomass", "Day 21: Biomass", "Day 22: Biomass", "Day 23: Biomass", "Day 24: Biomass", "Day 25: Biomass", "Day 26: Biomass", "Day 27: Biomass", "Day 28: Biomass", "Day 29: Biomass", "Day 30: Biomass", "Day 31: Biomass", "Day 32: Biomass", "Day 33: Biomass", "Day 34: Biomass", "Day 35: Biomass", "Day 36: Biomass", "Day 37: Biomass", "Day 38: Biomass", "Day 39: Biomass", "Day 40: Biomass", "Day 41: Biomass", "Day 42: Biomass", "Day 43: Biomass", "Day 44: Biomass", "Day 45: Biomass", "Day 46: Biomass", "Day 47: Biomass", "Day 48: Biomass", "Day 49: Biomass", "Day 50: Biomass", "Day 51: Biomass", "Day 52: Biomass", "Day 53: Biomass", "Day 54: Biomass", "Day 55: Biomass", "Day 56: Biomass", "Day 57: Biomass", "Day 58: Biomass", "Day 59: Biomass", "Day 60: Biomass", "Day 61: Biomass", "Day 62: Biomass", "Day 63: Biomass", "Day 64: Biomass", "Day 65: Biomass", "Day 66: Biomass", "Day 67: Biomass", "Day 68: Biomass", "Day 69: Biomass", "Day 70: Biomass", "Day 71: Biomass", "Day 72: Biomass", "Day 73: Biomass", "Day 74: Biomass", "Day 75: Biomass", "Day 76: Biomass", "Day 77: Biomass", "Day 78: Biomass", "Day 79: Biomass", "Day 80: Biomass", "Day 81: Biomass", "Day 82: Biomass", "Day 83: Biomass", "Day 84: Biomass", "Day 85: Biomass", "Day 86: Biomass", "Day 87: Biomass", "Day 88: Biomass", "Day 89: Biomass", "Day 90: Biomass", "Day 91: Biomass", "Day 92: Biomass", "Day 93: Biomass", "Day 94: Biomass", "Day 95: Biomass", "Day 96: Biomass", "Day 97: Biomass", "Day 98: Biomass", "Day 99: Biomass", "Day 100: Biomass".

The presentation deals with the show of the open source LMS of ERASMUS+ Planet project

Zoom Meeting

You are viewing Giuseppe Vanella's screen View Options

Participants (18)

Q Find a participant

- DG Dana Ghetu (Me)
- ES Eurotraining Solution (Host)
- GV Giuseppe Vanella
- AK Andrea Karas
- AM Andreea MG Militaru

Invite Unmute Me Raise Hand

Zoom Group Chat

From Andrea Karas to Everyone:
Hello. I am here as well :-)

From Andrea Karas to Everyone:
I can see the slides as well.

From Marie-Jeanne Iordache to Everyone:
Ivalina, are you here?

From Ivalina Ruseva to Everyone:
yes

To: Everyone File

Type message here...

PLANET Biomass training course

Dashboard / Home page / Biomass module / Day 1: Technic part 1 - in class / Day 1: Technic part 1 - in class

Day 1: Technic part 1 - in class

What material is a small biomass district heating grid?

Single line is a good alternative

- ☐ a suitable for biomass
- ☐ a suitable for biomass
- ☐ a better output of heat 100 kW
- ☐ a better output of power 100 kW

What is a good alternative?

- ☐ a For heat generation
- ☐ a For system separation of district heating and building heating system
- ☐ a None of the answers are correct
- ☐ a For electronic heating control

What is used to determine the heat consumption of a building in a biomass heating system?

Single line is a good alternative

- ☐ a None of the answers are correct
- ☐ a Transponder
- ☐ a Magnetron
- ☐ a Heat meter

Station discharge water systems are suitable for

Single line is a good alternative

- ☐ a None of the answers are correct
- ☐ a small chip storage tanks up to 10 m side length
- ☐ a square shaped wood chip storage tanks
- ☐ a small chip storage tanks up to 10 m side length

Day 2 activities

BIOMASS Course - Day 1: Technic part 2

Aim of the module

To give the trainees the basis on biomass, the design of biomass district heating plant and the main components to understand the set of technologies related to the biomass plant.

Learning objectives

1. Identify the main components of a biomass district heating plant and the main components to understand the set of technologies related to the biomass plant.
2. Identify the main components of a biomass district heating plant and the main components to understand the set of technologies related to the biomass plant.

Introduction

Read the presentation to biomass module on typical places where you can find biomass (heat only, waste, straw, natural gas, etc. with notes).

Make the pre-test

Activities

Before each objective in this module, it is recommended that you follow each activity in the order presented. Before starting the activities, carefully read the learning objective.

Objective 1: Operate a small biomass district heating plant which contains fluids which are heated or vaporized, not always up to boiling, for heating or power generation, such as in utilities. Ensure safe procedures by monitoring the biomass auxiliary equipment closely during operations, and identifying faults and risks.

Read or watch the following contents to understand the biomass technology:

Read the presentation Biomass 1.4.1 Technic Part 2

Day 2 activities

BIOMASS Course - Day 1: Technic part 2

Aim of the module

To give the trainees the basis on biomass, the design of biomass district heating plant and the main components to understand the set of technologies related to the biomass plant.

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Day 2 activities of biomass training course

Zoom Meeting

Participants: Dana Ghetu, Marie-Jeanne Iordache, Giuseppe Vanella, Eurotraining, Carlo Colom...

PLANET Training Course for biomass

Introduction to the various course, renewable energy, gender equality, and safety

PLANET Solar photovoltaic training course

The Solar Photovoltaic training course consists of 6 days of training, both in-class, online and on-field with a site visit of a operating power plant. The module starts with an introductory chapter which should allow the students to understand the operation of solar energy as well as the role of an expert involved in a solar plant project. The module continues with a presentation of technical equipment of a power plant and the influence of the solar resource and regulation on the applications. The students will then learn the basic rules of design of a power plant. Day 4 consists of a site visit where students will observe an operating plant and have the information learned in the previous days are applied on-field. They will also experience safety and health regulation as well as the steps of Operations and Maintenance. Day 5 presents the method for evaluation of the economic benefits of a power plant and, finally, Day 6 is a presentation of how to run a power plant through troubleshooting, maintenance and repairing process. With the knowledge of the course, the student get the ability to review the design of a solar power plant according the present framework to allow a sustainable economic operation of the plant.

PLANET Solar Thermal training course

The Solar Thermal training course consists of 6 days of training, both in-class, online and on-field with a site visit of a operating power plant. The module starts with an introductory chapter which should allow the students to understand the operation of solar energy as well as the role of an expert involved in a solar plant project. The module continues with a presentation of technical equipment of a power plant and the influence of the solar resource and regulation on the applications. The students will then learn the basic rules of design of a power plant. Day 4 consists of a site visit where students will observe an operating plant and have the information learned in the previous days are applied on-field. They will also experience safety and health regulation as well as the steps of Operations and Maintenance. Day 5 presents the method for evaluation of the economic benefits of a power plant and, finally, Day 6 is a presentation of how to run a power plant through troubleshooting, maintenance and repairing process. With the knowledge of the course, the student get the ability to review the design of a solar power plant according the present framework to allow a sustainable economic operation of the plant.

PLANET Biomass training course

The Biomass training course consists of a technical part, operational management, bio-material, design and economics, the legal and safety issues and a site visit. The training content provides the student with a comprehensive practice oriented knowledge of the construction and operation of biomass boiler heating plants, starting with the basics of biomass heating plants, technical design of the biomass boiler, the operation management, safety and health information and compliance with the legal regulations. This module focuses on small scale facilities, which you typically find among the agriculture power sector around Europe. Small scale facilities have many advantages. Because it produces low energy but of enough and high efficiency. The technical part of this course the biomass boiler design.

PLANET Biogas training course

The biogas training course consists of the methodology of digestion, technical plant layout, operational management of the biogas plant, business models, safety, environment and agri-food. The course is conducted with practical assignments to apply the learned skills and knowledge. The training content provides the student with theoretical knowledge of the biogas plant design, the operational management, safety and health information and compliance with the legal regulations. This module focuses on small scale facilities, which you typically find among the agriculture power sector around Europe. Small scale facilities have many advantages. Because it produces low energy but of enough and high efficiency. The technical part of this course the biogas boiler design.

PLANET ICT training course

This ICT module will provide farmers with the ability to use the basic ICT skills, needed to manage and monitor day by day the R2D plants. This will be achieved through practical exercises and basic related to R2D utilization.

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Type message here...

Scrive qui per eseguire la ricerca

ITA 11:52 26/11/2020

A summarised view of the PLANET courses available