

Name of the - Transnational Learning, Teaching and Training Activity:

TA1. Concept design of curricula

- ITALY 24th - 28th of July 2023

Location: INFORELEA - Educational centre -Adult Education – Consortium San Secondo di Pinerolo, Via Rivoira Don 24, 10060 San Secondo di Pinerolo (TO) – Italy

AGENDA

1st DAY / 24 July 2023

Opening Sessions/ M1 - Green and digital transition

9.30 – 9.45	Registration + Logistic activities preparation + Opening sessions
9.45 – 10.00	Objectives & structure of the program - UNSTPB, Romania Prof. Bogdan FLEACĂ - Emerging technologies in eco-systems - Servicification of manufacturing, skills development for growth and work in eco-systems - Opportunities and risks of the green industry - Green industry and complex social problems
10.00 – 11.15	Thematic session: "educate4green" – Guest speaker - CEO InforElea, Italy – Carlo COLOMBA - Introduction and company activity for a green future - Climate Change - companies' activities are drivers of climate change
11.15 – 11.30	Coffee yoga break
11.30 – 13.30	Thematic session: "educate4green" – Guest speaker - CEO InforElea, Italy – Carlo COLOMBA - Climate Change - human activities have been the main driver of climate change - Evolution of climate change and human intrusions - https://www.youtube.com/watch?v=2Y9ryuvwdB0&ab_channel=LaurenMartins
13.30 – 14.30	Lunch networking
14.30 – 16.00	Practical session: "educate4green" - Guest speaker - Dr. Dario COTTAFAVA - Researcher at Dept. of Economics and Statistics, University of Turin - Ph.D. in "Innovation for the Circular Economy", M.Sc. In "Physics of Complex Systems" - Sustainable and Circular Business Model - Introduction to sustainability, sustainable development and circular economy
16.00 – 16.15	Coffee yoga break
16.15 – 17.30	Practical session: "educate4green" - Guests speaker - Dr. Dario COTTAFAVA - Sustainable and circular business model: Applied case studies - Workshop: Circularity Deck

- Proposed the term CAPITALOCENE to highlight the role of capitalism as a way of organising Nature

17.30 – 17.45

Wrap-up session: findings and conclusions *UNSTPB, Prof. Bogdan FLEACĂ*

2nd DAY / 25 July 2023

M3 - Complex skills with non-digital and digital components

9.30 – 9.45

Logistic activities preparation

Opening Session – a summary of Day 2 - *UNSTPB, Prof. Bogdan FLEACĂ*

9.45 – 11.15

Thematic session: Digital workplace & non-Digital workplace

Guest speaker: Selene Multimedia, Italy - Prof. Emma ITURRIAGA SAUCO

- Virtual Sustainability Training Lab - A place to created digital training projects as virtual interfaces to connect with our environment

- Multicultural views on digitisation and the green industry

- Complex skills with digital components: Virtual Reality (VR), Mixed Reality (MR), Digital Twin, Data Visualization

11.15 – 11.30

Coffee yoga break

11.30 – 13.30

Practical session: "educate4green" – *Guest speaker: Selene Multimedia, Italy - Prof. Emma ITURRIAGA SAUCO*

- Reinforced capacity to adopt sustainable decisions, and responsible conducts

- Teaching and learning by a stronger link between environmental concerns and economic growth

- Training tools: Interactivity, Immersivity, Responsiveness, Gamification, AI powered tools

13.30 – 14.30

Lunch networking

14.30 – 15.30

Practical session: "educate4green" – *Guests speaker - CEO InforElea, Italy – Carlo COLOMBA*

- How company to resolve complex environmental and green jobs issues

- Applications on knowledge transfer between company in green jobs

15.30 – 15.45

Coffee yoga break

15.45 – 17.15

Workshop: "Applications" - *Guests speaker - InforElea, Italy - Prof. Alessio ALONNE – virtual models for building product*

- How to adapt present activity to virtual model in complex green economic issues

17.15 – 17.30

Wrap-up session: findings and conclusions *UNSTPB, Prof. Bogdan FLEACĂ*

3rd DAY / 26 July 2023

M4 - Competence framework to sustain transformational change in the area of cognitive, socio-emotional and behaviour domains

9.30 – 9.45

Logistic activities preparation,

Opening Session – a summary of Day 2 - *UNSTPB, Prof. Bogdan FLEACĂ*

9.45 – 11.45

Thematic session: Transformational change in the area of cognitive – *InforElea, Italy - Prof. Ettore MARASCHI*

- Facilitating the exchange of experiences between different jobs cultures

- Sustainable development - The Green Economy

	- Econometric analysis of the current economic system - Integrating innovative pedagogical approaches
11.45– 12.00	Coffee yoga break
12.00 – 13.00	Thematic session: Transformational change in the area of cognitive – <i>InforElea, Italy - Prof. Etori MARASCHI</i> - New opportunity for the consumer to share the benefits - Green Production and Green Business - Green Economy: Categories And Models
13.00 – 14.00	Lunch networking
14.00 – 15.45	Practical session: "educate4green " - <i>Guests speaker - Dr. Dario COTTAFAVA</i> - A report for the Club of Rome's project on the Predicament of Mankind - Safe and just space for humanity - From Industry 1.0 to 4.0 and beyond
15.45 – 16.00	Coffee yoga break
16.00 – 17.30	Workshop: "Case study", - <i>Guest speaker - Dr. Dario COTTAFAVA</i> - A digital twin: Digital Twin: towards Industry 5.0. A virtual representation of a real world physical system
17.30 – 17.45	Wrap-up session: findings and conclusions <i>UNSTPB, Prof. Bogdan FLEACĂ</i>

4th DAY / 27 July 2023

M3 - Educational approaches for teaching and learning green skills

9.30 – 9.45	Opening Session – Logistic activities preparation for sites visit Day 3- <i>CEO InforElea, Italy – Carlo COLOMBA</i>
9.45 – 13.00	Thematic session: "Real-life practices & green businesses " , on-the-spot visits to local enterprises and/or organizations <i>Visit to Biomass Cooperative (near San Secondo) - Dr. Silvano Galfione</i> - Processing of animal + vegetable waste for local energy production - Real experiences grounded on real-life examples and innovation
13.00 – 14.30	Lunch networking
14.30 – 18.00	Thematic session: "Real-life practices & green businesses " , on-the-spot visits to local enterprises and/or organizations <i>Visit to Mayor of Community: Pomareto and Massello villages - Danilo Breusa – Mayor</i> - https://www.comune.pomaretto.to.it/ - Renewable and sustainable heating - PEFC certified thermal energy for territories and green communities <i>Visit Cooperative La Foresta - Speaker: Giorgio Talachini Technical Director</i> - https://www.laforestasrl.it/ - Wood North West Energy - Pilot project for the enhancement of the wood-energy supply chain: - short supply chain and local economy - qualification of wood fuels - environmental sustainability and reduction of polluting emissions

- Real-life cases, sharing experiences and discussions successful eco-business.

18.00 – 18.10

Wrap-up session: findings and conclusions *UNSTPB, Prof. Bogdan FLEACĂ*

5th DAY / 28 July 2023

M4 - Competence framework to sustain transformational change in the area of cognitive, socio-emotional and behaviour domains

9.30 – 9.45

Opening Session

– Logistic activities preparation for sites visit Day 3- *CEO InforElea, Italy – Speaker: Carlo COLOMBA*

9.45 – 13.00

Thematic session: "Real-life practices & green businesses ", on-the-spot visits to local enterprises and/or organizations

Competence Center 4.0 (Fiat) – Torino/ Speaker: Administrative Assistant Marta CAGNOTTO

The Competence Center provides companies of different industrial and manufacturing sectors with skills and abilities of international leaders in innovation and industry 4.0

- <https://cim40.com/en/>

- Integrating green businesses analysis:

Digital Factory Pilot line, Precise indoor/outdoor localization, edge & cloud computing, 5G, cyber security, AI, X-Reality, IoT

- Real experiences grounded on real-life examples and innovation

13.00 – 14.00

Lunch networking

14.00 – 17.00

Visiting Green Center – ACCEEA/ Acea Pinerolese Industriale Spa in Torino - Organisation for waste processing Speaker: Elisabetta FERRARA

- <https://www.aceapinerolese.it/>

- Acea Pinerolese Industriale Spa is a modern multi-utility structure that manages a plurality of services in the area to municipalities, companies and citizens.

- The nature of its activities and the composition of its shareholdings orient the Group's choices towards a precise service strategy combined in an inextricably with excellence.

17.00 – 17.15

Wrap-up session: findings and conclusions *UNSTPB, Prof. Bogdan FLEACĂ*

Thank you for your participation!

Project manager: Bogdan FLEACĂ