

Project Title: Transnational cooperation initiative fostering developing forward thinking skills of students, teachers and workforce in sustainability-relevant sectors posed by Business 4.0 trends through innovation in Business& Engineering education and training, " SMART skills 4.0"  
Grant Agreement: 2020-1-RO01-KA203-080019

## Short-term Joint Staff Training (C1)

*Education for future: designing learning curricula to meet complex skills posed by Business 4.0*

20<sup>th</sup> - 24<sup>th</sup> September 2021

**Location:** INFOR ELEA - Educational centre-Adult Education-Consortium, Head Quarter: Via Rivoira Don, 24,10060 San Secondo di Pinerolo (TO) Italy,  
INFOR ELEA contact person: Diana MITROFAN

### Event agenda:

1 <sup>st</sup> DAY 19 Sept 2021	
Travelling and accommodation	
2 <sup>nd</sup> DAY 20 Sept 2021	
9.30 – 9.45	Registration + logistic activities preparation
9.45 – 10.00	Welcome + The context of the <i>Short-term joint staff training event</i> activity within the project
10.00 – 10.20	Activities presentation and the trainers (0,20 h) – <b>Bogdan FLEACĂ</b> Learning objectives of the training, participants presentations <ul style="list-style-type: none"> <li> Trainer – Ettore MARASCHI - (first day)</li> <li> Trainer – Matteo PACINI – (second day)</li> <li> Trainer - Alessandro FALCONE – (second + third day)</li> <li> Trainer – Mihai PASCADI – from AVANTERA</li> </ul>
10.20 – 11.40	<b>Digital transformation and industry 4.0 (1.0 h) – Carlo COLOMBA</b> - Infor Elea Opening Session: <ul style="list-style-type: none"> <li> Economic growth and servicification of manufacturing 4.0 – in Infor Elea organization</li> <li> Workshops and interactive presentation topics:</li> </ul>
11.40 – 11.50	Coffee yoga break
11.50 – 13.00	<b>An activity of the training event (1.10 h) Trainer – Ettore MARASCHI</b> <ul style="list-style-type: none"> <li> Emerging technologies, manufacturing and skills development for growth and job creation</li> <li> Process technologies in the industry 4.0 (Internet of Things, advanced robotics, and 3-D printing)</li> </ul>
13.00 – 14.00	Lunch networking
14.00 – 15.30	<b>An activity of the training event (1.30 h) Trainer – Ettore MARASCHI</b> <ul style="list-style-type: none"> <li> Servicification of manufacturing and skills for technology-intensive smart factories</li> </ul>
15.30 – 15.45	Coffee yoga break
15.45 – 16.30	Wrap-up session: findings and conclusions (0,45 h)
3 <sup>rd</sup> DAY 21 Sept 2021	
9.30 – 9.45	Logistic activities preparation
9.45 – 11.15	<b>An activity of the training event (1.30 h) Trainer – Matteo PACINI – Guilds42</b>



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	<p>Opening Session – brief summary of day 1; Workshops and interactive presentation topics:</p> <ul style="list-style-type: none"> <li>🔗 presentation and collection of questions</li> <li>🔗 context (abundance, society, digital, purpose, sustainability)</li> <li>🔗 emerging technologies</li> <li>🔗 Key Recommendations for European Digital Economy</li> <li>🔗 The framework- governing skills systems for the digital economy</li> </ul>
11.15 – 11.30	Coffee yoga break
11.30 – 13.00	<p>An activity of the training event (1.30 h) Trainer – <b>Matteo PACINI</b> – Guilds42</p> <ul style="list-style-type: none"> <li>🔗 emerging technologies</li> <li>🔗 how to prepare the organization (exo, teal)</li> <li>🔗 skills and competences-, how to train them, etc. (Guilds42 in a tangent way)</li> <li>🔗 skills strategy for digital economy: information processing skills, digital literacy, thinking competencies, and social and emotional skills to respond to greater levels of uncertainty</li> </ul>
13.00 – 14.00	Lunch networking
14.00 – 15.30	<p>An activity of the training event (1.30 h) Trainer – <b>Mihai PASCADI</b> – from AVANTERA</p> <ul style="list-style-type: none"> <li>🔗 Educational approaches for teaching and learning on future skills for digital advancement.</li> </ul>
15.30 – 15.45	Coffee yoga break
15.45 – 16.30	Wrap-up session: findings and conclusions (0,45 h)
<b>4<sup>th</sup> DAY 22 Sept 2021</b>	
9.00 – 9.45	Logistic activities preparation: CHECK OUT (+ changing hotel and training location to TORINO)
10.00 – 10.30	<p>An activity of the training event (0.30 h) Trainer – <b>Alessandro FALCONE</b> – from VP WEB</p> <ul style="list-style-type: none"> <li>🔗 Opening Session – brief summary of day 2; Workshops and interactive presentation topics:</li> <li>🔗 Learning-outcomes curricula to foster horizontal skills mismatches</li> </ul>
10.30 – 11.40	<p>An activity of the training event (1.10 h) Trainer – <b>EXPERTS GROUP</b> – from Infor Elea</p> <ul style="list-style-type: none"> <li>🔗 Opening Session – brief summary of day 2; Workshops and interactive presentation topics:</li> <li>🔗 Learning-outcomes curricula to foster horizontal skills mismatches</li> </ul>
11.40– 11.50	Coffee yoga break
11.50 – 13.00	<p>An activity of the training event (1.10 h) Trainer – <b>Mihai PASCADI</b> – from AVANTERA</p> <ul style="list-style-type: none"> <li>🔗 Learning, teaching, and training techniques for developing ICT-skills and advanced cognitive, social and technical competences</li> <li>🔗 Digital learning and innovative pedagogical approaches: learner-content, learner-instructor and learner-learner interaction</li> </ul>
13.00 – 14.00	Lunch networking
14.00 – 15.30	<p>An activity of the training event (1.30 h) Trainer – <b>Mihai PASCADI</b> – from AVANTERA</p> <ul style="list-style-type: none"> <li>🔗 Digital teaching: flipped classroom, group collaboration, and learning analytics.</li> </ul>
15.30 – 15.45	Coffee yoga break
15.45 – 16.30	Wrap-up session: findings and conclusions (0,45 h) Trainer – <b>Mihai PASCADI</b> – from AVANTERA



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- Assessment Session: quizzes test on teaching staff to quantify the capacity to apply digital teaching and personalized knowledge resource, the capacity to use ICT-practices in blended learning course

### 5<sup>th</sup> DAY 23 Sept 2021

9.00 – 15.30

#### Day 5. Organisations:

visit **OLIMAC SRL Agriculture, Construction, and Mining Machinery Manufacturing Industry.**

On site thematic study visits for experience sharing in Industry 4.0: visits to local business incubators, technological park, meeting with Business 4.0 entrepreneurs, local private and/or public sector.

Discussions and workshops on various topics, as per following thematic aims:

- ☞ Industry of the future –source of productivity and job opportunities.
- ☞ Good practices examples and value creation through the new technology: smart factories, 3-D printing, Internet of Things, Cloud Computing and augmented reality, digitalization and energy-efficiency projects.

### 6<sup>th</sup> DAY 24 Sept 2021

10.40 - 13.00 visit **FONDAZIONE LINKS innovation organisation**

13.00 – 14.00 Launch

14.00 - 17.00 exhibition **ITALIAN TECH WEEK 2021 from Torino, Officine Grandi Riparazioni**

On site thematic study visits for experience sharing in Industry 4.0: visits to local business incubators, technological park, meeting with Business 4.0 entrepreneurs, local private and/or public sector.

Discussions and workshops on various topics, as per following thematic aims:

#### Day 6. Organisations:

- ☞ Enhancing learning for future workplace.
  - ☞ Good practices examples and new opportunities for skills development for new Business Models for Internet of Things, Cloud Computing and augmented reality, digitalization and energy-efficiency projects.
- Wrap-up session: evaluation of event, final remarks and conclusions.

### 7<sup>th</sup> DAY 24 Sept 2021

Travelling and check-out

Thanks for participation!

Project manager: Bogdan FLEACĂ