SMART skills 4.0

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

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 (C2)

Empowering forward thinking skills through sustainable knowledge and best practices in education and training

06th - 10th June 2022

Location: KAUNAS FACULTY OF VILNIUS UNIVERSITY
address: **Muitinės street. 8,** (Kaunas Faculty -Vilnius University,Vilnius - Universiteto G.3-01513)
City: KAUNAS; *country*: LITHUANIA,
contact person: Ms. Ilona KIAUŠIENĖ
Duration: 5 days/30 contact hours, from 9.30 to 17.30 hrs

Event agenda:

05 May 2022
Travelling and accommodation

1st DAY 06 May 2022 Sustainable practices in education and training for Business 4.0	
9.30 – 9.45	Registration + logistic activities preparation
9.45 – 10.00	Opening session: - Welcome + The context of the *Short-term joint staff training event* activity within the project - Learning objectives of the training, participants presentations (**0,15 h**) – *Bogdan FLEACĂ*
10.00 – 10.20	- Activities presentation and the trainers (**0,20 h**) – *Bogdan FLEACĂ* ➥ Trainer – Dr Dovilė BALEVIČIENĖ - *Kaunas Faculty* (first day) ➥ Trainer – Prof. Dr Dalia ŠTREIMIKIENĖ - *Kaunas Faculty* (first day) ➥ Trainer – Assoc. Prof. Dr Saulius MASTEIKA – *Kaunas Faculty* (second day ➥ Trainer – Prof. Allesio ALONNE -*InforElea* – (second day) ➥ Trainer – Prof. Emma Selena Ixchel ITURRIAGA SAUCO - *InforElea* – (third day) ➥ Trainer – Dr. Mihai PASCADI -online – *AVANTERA* (third + fourth day)
10.20 – 11.50	**Sustainable practices in education and training for Business 4.0 (1.30 h)** – *Trainer Dr Dovilė BALEVIČIENĖ - Kaunas Faculty* Opening Session: ➥ Industry 4.0 challenges: technological developments and changes to manufacturing processes and outcomes (e.g. IoT, cloud computing, simulation and augmented reality) ➥ Business 4.0 – in marketing industry ➥ EU policy and initiatives in Industry 4.0
11.50 – 12.05	Coffee yoga break
12.05 – 13.30	**An activity of the training event (1.25 h)** *Trainer* **Prof. Dr Dalia Štreimikienė** - *Kaunas Faculty* ➥ Development characteristics and the role of services in manufacturing ➥ Business 4.0 – in sustainable development and its implications for business
13.30 – 14.30	Lunch networking
14.30 – 16.30	**An activity of the training event (2.00 h)** *Trainer* – **Dr Dovilė BALEVIČIENĖ** - *Kaunas Faculty* ➥ Drivers of global manufacturing industry

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	↬ Educational materials to support initiating and growing new business models 4.0 in marketing Industry 4.0
16.30 – 16.45	Coffee yoga break
16.45 – 17.30	Wrap-up session: findings and conclusions **(0,45 h)** *Bogdan FLEACĂ*
2nd DAY 07 May 2022 Curricula content to support the development of digital and advanced skills 4.0	
9.30 – 9.45	Logistic activities preparation
9.45 – 11.15	Opening Session – brief summary of day 1 - *Bogdan FLEACĂ* **Curricula content to support the development of digital and advanced skills 4.0 (1.30 h)** *Trainer – Assoc. Prof. Dr Saulius MASTEIKA – Kaunas Faculty* Workshops and interactive presentation topics: ↬ presentation and collection of questions ↬ context (abundance, society, digital, purpose, sustainability) ↬ emerging technologies ↬ Key Recommendations for European Digital Economy ↬ The framework- governing skills systems for the digital economy
11.15 – 11.30	Coffee yoga break
11.30 – 13.00	**An activity of the training event (1.30 h)** *Trainer – Assoc. Prof. Dr Saulius MASTEIKA – Kaunas Faculty* ↬ Emerging technologies ↬ Learning objectives and key competences: examples and topics, sustainability-related knowledge ↬ Skills for sustainable growth in technology-rich environment and Business 4.0; ↬ Skills strategy for digital economy: information processing skills, digital literacy, thinking competencies, and social and emotional skills to respond to greater levels of uncertainty
13.00 – 14.00	Lunch networking
14.00 – 16.30	**Business 4.0, competitions & sustainable decisions, civic and responsible conducts. (2.30 h)** *Trainer - Prof. Alessio ALONNE -InforElea* ↬ Presentation and collection of questions ↬ Innovation & product responsibility ↬ Emerging technologies ↬ Business 4.0, competitions & sustainable decisions, civic and responsible conducts
16.30 – 16.45	Coffee yoga break
16.45 – 17.30	Wrap-up session: findings and conclusions (0,45 h) - *Bogdan FLEACĂ*
3rd DAY 08 May 2022 Forward thinking skills and practical application modules	
9.30 – 9.45	Logistic activities preparation
9.45 – 11.45	Opening Session – brief summary of day 2 - *Bogdan FLEACĂ* **Forward thinking skills and practical application modules (2.00h)** *Trainer – Prof. Alessio ALONNE -InforElea* Workshops, exchange of ideas and discussions: ↬ Forward thinking skills and practical application modules
11.45– 12.00	Coffee yoga break

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12.00 – 13.30	**An activity of the training event (1.30 h)** Trainer – *Prof. Emma Selena Ixchel ITURRIAGA SAUCO - InforElea* Workshops and interactive presentation topics: ☛ Methodological approach for prospective analysis of the intricate influence of technical, scientific, and economic factors on Business 4.0 creation
13.30 – 14.30	Lunch networking
14.30 – 16.30	**An activity of the training event (2.00 h)** Trainer – *Prof. Emma Selena Ixchel ITURRIAGA SAUCO - InforElea* ☛ Business 4.0 value definition and Human Resource in the context of changes to manufacturing processes ☛ Customized applications modules based on challenges posed by one or more of the sustainability-relevant sectors.
15.30 – 16.45	Coffee yoga break
16.45 – 17.30	**Wrap-up session:** findings and conclusions (0,45 h) - *Bogdan FLEACĂ*
4th DAY 09 May 2022 Practical applications and case study development for Business 4.0	
9.30 – 9.45	Logistic activities preparation
9.45 – 10.45	**Opening Session** – brief summary of day 3 - *Bogdan FLEACĂ*
10.45 – 12.00	**Modern sources for competitive advantage:** Innovation & product responsibility; circular economy; green productions; sustainable value chains; (1.15 h) Trainer – *Prof. Mihai PASCADI – AVANTERA - online*
12.00 – 13.00	Lunch networking
13.00 – 17.30	**Practical applications and case study** development for Business 4.0 Exchange of real-life cases, sharing experiences and discussions with local enterprises, companies and/or organizations running successful Business 4.0 from various sustainability-relevant sectors at local level. ☛ visit **Teltonika**. https://teltonika-iot-group.com/ Offer hosting services that make life easier for developers and their customers Discussions and workshops on various topics, as per following thematic aims: ☛ Teltonika IoT Group, the company group that develops exceptional Internet of Things solutions for the global market. More than 20 million IoT devices, designed in our Lithuanian offices and manufactured in modern production facilities, are already connected to the Internet. ☛ Top resources for network systems: Innovation & product responsibility; green productions; sustainable value chains, company responsibility ☛ Real-life cases, sharing experiences and discussions with Developer of enterprise, running successful Business 4.0 from various sustainability-relevant sectors at local and international level **Wrap-up session**: findings and conclusions.
5th DAY 10 May 2022 Practical applications and case study development for Business 4.0	
9.30 – 9.45	**Opening Session** – brief summary of day 4 - *Bogdan FLEACĂ*

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9.45 – 11.00	Strategies to drive sustainable business models and indicators to monitor, adjust and correct Business 4.0 Models (1.15 h); Trainer – *Prof. Mihai PASCADI* – AVANTERA - online
11.00 – 17.45	**Exchange of real-life cases**, sharing experiences and discussions with local enterprises, companies and/or organizations running successful Business 4.0 from various sustainability-relevant sectors at local level. ➤ visit **Elinta** (*www.elinta.eu*) Company who combines two words - Electronics and Intelligence. Lithuania's most advanced high-tech sector company in the innovative solutions of the Knowledge Economy Company - Path to the success – presentation – *Vytautas JOKUZIS* PhD, CEO Elinta - Company visit, R&D departments + production sites ➤ Enhancing learning for future workplace. ➤ Drivers of global manufacturing industry ➤ Educational materials to support initiating and growing new business models 4.0 ➤ Good practices examples and new opportunities for skills development for new Business Models in Business 4.0 **Wrap-up session**: evaluation of event, final remarks and conclusions - *Bogdan FLEACĂ*
10 May 2022	
Check-out and travelling	

Thank for participation!
Project manager: Bogdan FLEACĂ