

CONFERENCE MINUTES

D.C4.4 Evaluation Conference in Slovenia

Version 1 06 2021







Minutes of the conference

Industry 4.0 and Robotics / the Final Event **Event:**

of the "Digital Exhibition - Technology for the

People" to take place on 20/12/2021

Hybrid - Online (zoom) & Slovenian Digital Place:

Center, Ulica Gledališča BTC 6, North, Hall

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20.12.2021 Day:

Mr. Borut Zrim, Mr. Jožek Špilak (both PTP),

Ms. Simona Knežević Vernon dr. Igor Kovač

(IJS) and many more (see list of speakers Participants:

and LoP)

Photo of LoP

Attachments:

Summary

Within Slovenian EU Presidency and opportunity of CEUP2030 promotion, we jointly decided to use the opportunity where all attention will be concentrated on Slovenia and politicians will to attend thematic events (month December was dedicated to Automation and Robotics - one of CAMI 4.0 topics) we co-organized the event of Final conference as summary of whole month activities, where also CEUP2030 can present itself in presentations (brochure) and in 2 round tables initially organized by SRIP Factories of the Future and TECOS and later offered coorganization to Pomurje Technology Park.

We did preparation scenarios with co-organizers, invited speakers from CEUP2030 partnership (dr. Tobias Müller of KIT for round table #1 – Manufacturing and in round table #2 with policy stakeholders with Roland Sommer of PIA). Preparations and instructions where shared by moderator of event dr. Pierre Padilla and in case of Policy stakeholders event went smoothly, while in round table Manufacturing there was kind of unfortunate event where dr. Müller was not included in debate. Both objective and subjective reasons for this unfortunate happening.

Both debates were addressing CEUP2030 project, where we could hear different experiences also plan of Slovene government on ecosystem development and a lot from bottom-up identified needs seem to be addressed in the future. The whole set-up of speakers was well selected, and statements as invest in HR/people as robots alone will not work are good; one more, funding



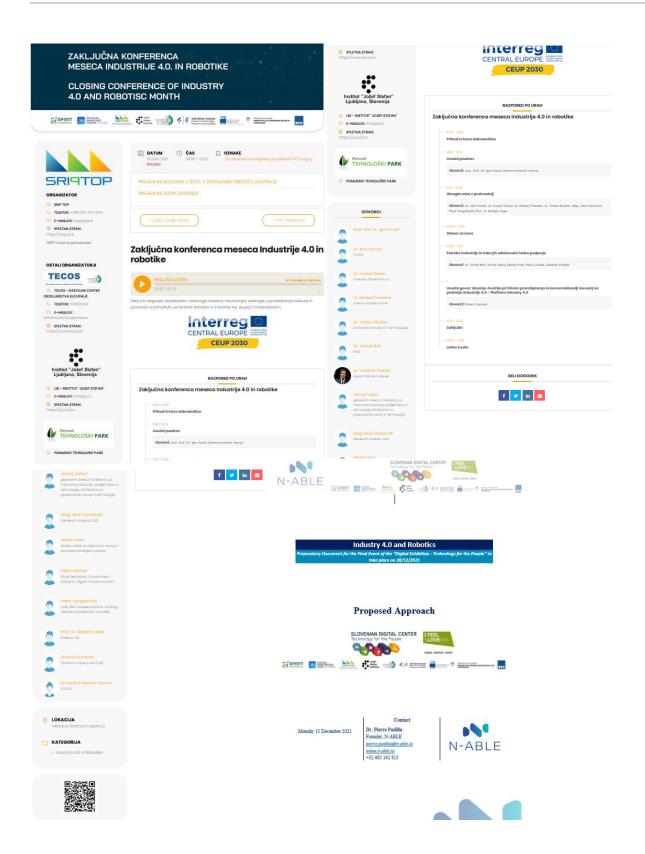


needs to be stable for R&D and SMEs being able to use the opportunities in most effective way and most of all for best novel solutions to be applied/deployed. From Ministry level there was a recommendation to follow the Digital radar of EU and get aligned with trends coming. Unfortunately, there was no chance for questions form public where we would address all with:

Event hosted around 20 on-spot participants and 38-43 online (variating with time). PTP cofinanced the catering services for on-spot participants Attached here photos / LoP (mind GDPR), agenda

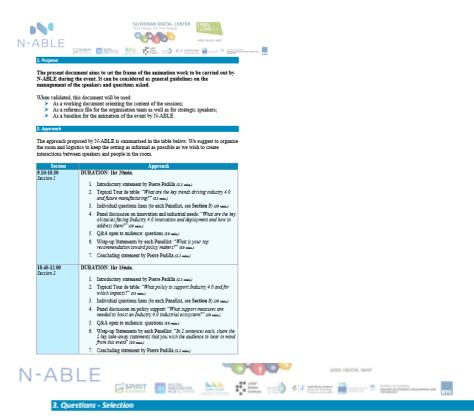












The following questions are examples prepared in view of the conference. They will be used along each session, and we ask each participant to prepare his/her answers in advance. In practice, the lines of questioning will follow the exchange and the order of questions may change.

Speaker	Affiliation	Questions - Examples
		1/ Round Table on Manufacturing
Aleš Cantarutti	Director Chamber of commerce and Industry of Slovenia	 Some say that Slovenia is stuck in the middle-income trap, with not so many final products and a lot of Tier-2/-3 positions in manufacturing value chains. Do you agree with this statement? If so, what are the main reasons for that? Do you think we have gaps in the innovation policy mix today? What kind of measures could be further developed in Slovenia? How do you feel about clustering in Slovenia (e.g., clusters, SRIPs, etc.)? Is the current framework effective, and how could it be further improved?
Prof. dr. Aleš Zalar	Director, Jozef Stefan Institute	 What do you think is the greatest value a research and technology organization can bring to industry? How do you think we can improve technology transfer in Slovenia? What are the best incentives to bring public and private sectors together and develop collaborations further?
Dr. Aleš Hančič	TECOS, Slovenian tool and die development centre	7. What have been the best takeaways and lessons you derived from the events organized in the context of the EU Presidency and its Digital Exhibition? Could you identify key robotic/industry 4.0 flagships (tech/applications) for Slovenia? 8. What are SME needs and how can we support their adoption and deployment of Industry 4.0? 9. What are the missing bricks of pilot and demonstration activities in Slovenia? How should policy makers tackle that/these gap(s)?
Hubert Kosler	director Yaskawa Slovenija &Yaskawa Ristro	 What are appropriate incentives that a company like Yaskawa need to collaborate with Slovenian innovation partners? Do you think the Slovenian investment landscape is mature enough today to serve Industry 4.0 companies to the best extent? What do you think are the key service and product niches for Slovenia today and how can Slovenian companies make a difference?





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Speaker	Affiliation	Questions - Examples		
Dr. Matjaż Cemažar	Director Domel MAGNA	13. What are the key drivers for a company to setup business activities in Slovenia? Do you see some pitfalls and limitations in the current Slovenian business framework?		
Cemazar	MAGNA	14. How is your collaboration with Slovenian research entities? Do you face difficulties / challenges when it		
		comes to collaborate with them?		
		15. What are the investment needs of a company like yours (Pilot & demo? Large CAPEX? Etc.)?		
Tobias	Head of KIT	 What are the (best) practices you think an organization like KIT has experienced in terms of transferring 		
Muller		process technologies to the private sector?		
		 What is the role of new technologies such as Additive Manufacturing in new production processes and 		
		manufacturing business models? 18. What do you think are applications and technologies that could deploy faster to SMEs and how could we		
		18. What do you think are applications and technologies that could deproy faster to Sixis and now could we help them adopt them effectively?		
'Reserve'	All	19. What is the value added of Slovenian manufacturing and its position in global value chains?		
questions		 What are the current tech and business trends driving Industry 4.0? 		
		21. What are necessary incentives for public and private sectors to collaborate?		
		 How can we foster the internationalisation of Slovenian industry 4.0 and manufacturing businesses? How 		
		can we ensure they find their potion in the global manufacturing economy?		
		23. How can we stimulate cross-sectorial collaborations?		
		24. What is the #1 business need to innovate in robotics and advanced manufacturing today?		
		25. What is your vision of Slovenian manufacturing y 2030? 2/ Round Table on Policy Making		
, ,				
Jernej	General director,	26. What have been the most striking points of the first session that caught your attention?		
Saleci	Internationalisation,	 What are the key industrial policy instruments that should be further developed to support Slovenian SMEs 		
	Entrepreneurship	in their effort to 1/commercialize but also 2/adopt Industry 4.0 technologies and solutions?		
	and Technology Directorate at	 FlandersMake, AmericaMakes do you think that this kind of innovative, State-wide demonstration platform in Industry 4.0 could benefit Slovenia? 		
	Ministry of	29. Risk capital and industrial policy are increasingly meeting each other. We need risk capital to fund industrial		
	economic	innovations, or help companies adopt advanced manufacturing technologies. Do you see ways to improve		
	development and	the risk capital landscape in Slovenia?		
	technology	30. How do you think robotics tech transfer could be improved in Slovenia?		

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We propose the following next steps:

- Please provide your feedback, complements and add-ons ASAP and in any case before 15/12/2021.
- As soon as we will receive your comments, we will finalise both the setting and key questions (which are illustrative but a good occasion to gather your perspectives);
- The next immediate step will be to contact each speaker with instructions on the questions foreseen as well as points to be prepared.















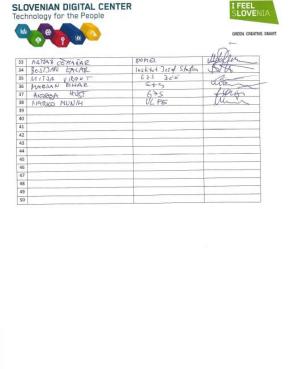


Borut Zrim & Jožek Špilak

M. Sobota, 21.12.2021

List of Presence: Photo at the beginning of event





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