







## Brokerage event: Green technologies, energy and digitalisation for a sustainable future

## Programme

15th February 2024, Four Points by Sheraton Ljubljana Mons

egistration

9:00 Welcome speech: Prof. Anton Ramšak, Vice-Rector of the University of Ljubljana for research and development

9:05 Elina Wanne, M Sc. (Tech), Development Manager, Mayor's Office, City of Espoo, Finland

Espoo learnings from participating in H2020 project SPARCS: from preparation to replication. Supporting Espoo climate neutrality target 2030.

Prof. Vlado Stankovski, University of Ljubljana, Faculty of Computer and Information Science, Slovenia

From idea to successful application by engaging in the right partnership.

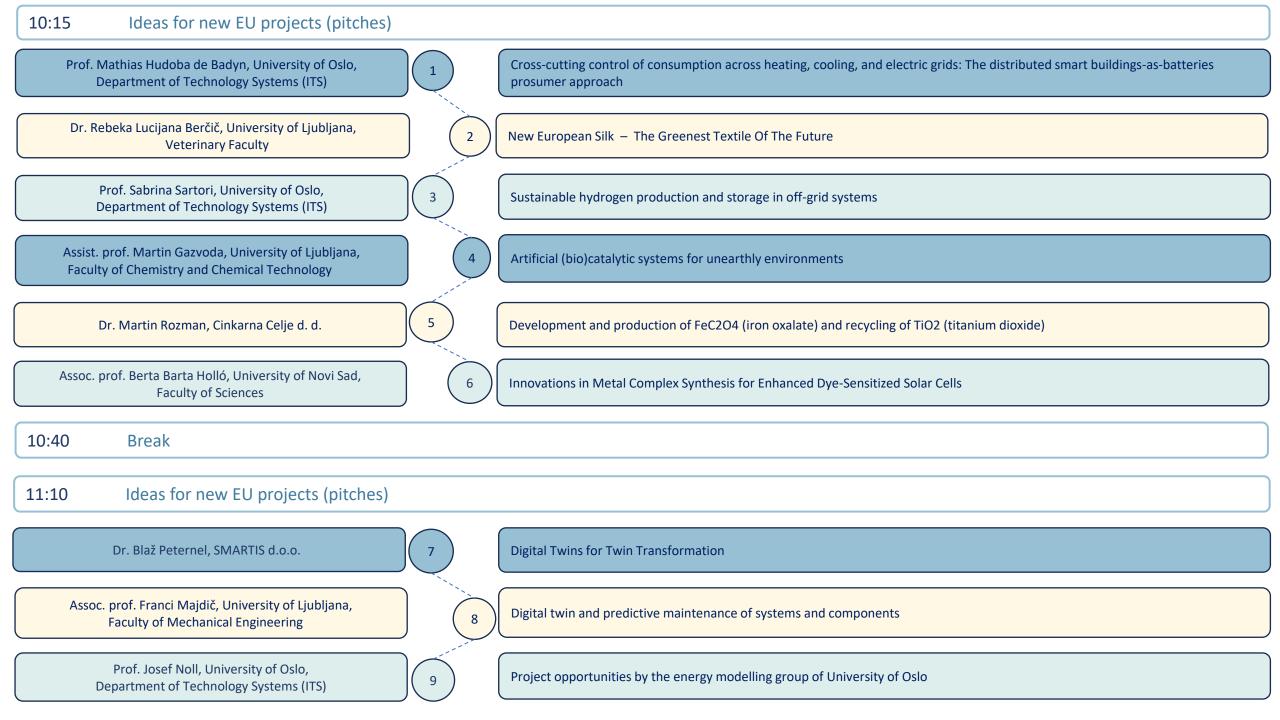
Assist. prof. Draško Veselinovič, President of the Board of the Slovenian Business and Research Association, Brussels

Acute from Brussels. How things function.

9:50 Roundtable discussion: The importance of a good consortium for success in EU calls

Julia Schmalenberg, Director European R&I Ecosystem at Huawei Technologies; Assist. prof. Draško Veselinovič; Prof. Vlado Stankovski





Assoc. prof. Jerneja Penca, Science and Research Centre Koper	10	Digital solutions for a just and sustainable transformation
Assoc. prof. Urban Rudež, University of Ljubljana, Faculty of Electrical Engineering	11	Unified multi-mechanism power balancing in smart grids environment
Assist. prof. Haris Bradić, University of Sarajevo, Faculty of Architecture - cancelled	12	Architecture between a human and space - examples of architectural practice (Designing Energy-Efficient Architecture) - cancelled
Assoc. prof. Evelin Krmac, University of Ljubljana, Faculty of Maritime Studies and Transport	13	START - Sustainable Transport with Augmented Reality Technology
Assist. prof. Simona Malaescu, Babes Bolyai University, Faculty of Geography	14	Mobile eye tracking in assessing the experience of augmented reality during museum learning experiences
Assoc. prof. Gregor Kravanja, University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Architecture	15	Enhancing Sustainability in Construction: Accelerated Carbonization Curing of Recycled Concrete Aggregates using Supercritical CO2
Dr. Nivedita Yadav, Vrije University Brussels, Artificial Intelligence Lab	16	AI4SE: AI for software engineering
Prof. Jovan Bojkovski, University of Ljubljana, Faculty of Electrical Engineering	17	Using artificial intelligence to improve manufacturing efficiency
Assoc. prof. Gregor Klančar, University of Ljubljana, Faculty of Electrical Engineering	18	Self-organizing systems supported by artificial intelligence for autonomous mobile robots with trusted human/operator cooperation in intralogistics
Dr. Igor Petrović, University of Ljubljana, Faculty of Mechanical Engineering	19	The challenges of remote sensing with drones
Dejan Šošter, Head of research and development projects, TELEKOM Slovenia	20	Advanced Use of Private Mobile Networks in Smart Factories: Transforming Manufacturing into the Digital Era

	vanni Antonio Salvatore, University of Venice Ca' tment of Molecular Sciences and Nanosystems	21	Sustainable thin film electronics for the next generation of IoT devices
	rko Jankovec and Prof. Jože Starič, University of jana, Faculty of Electrical Engineering	22	Livestock management for sustainable milk and meat production
	Octavian Machidon, University of Ljubljana, y of Computer and Information Science	23	Energy-Efficient Machine Learning on the Edge: A Use-Case in Precision Agriculture
	Andrej Košir, University of Ljubljana, culty of Electrical Engineering	24	Socially intelligent situation-aware smart home for elderly
· ·	rof. Marko Meža, University of Ljubljana, Faculty of Electrical Engineering	25	Self-learning automation of smart home
	prof. Anton Kos, University of Ljubljana, Faculty of Electrical Engineering	26	Wearable experts – biofeedback systems for sports training and physical rehabilitation
	orof. Janez Urevc, University of Ljubljana, Faculty of Mechanical Engineering	27	Novel Approach for the Application of Lower Body Negative Pressure
	t. prof. Kristina Stojmenova Pečečnik and of. Jaka Sodnik, University of Ljubljana, Faculty of Electrical Engineering	28	Assessing the driving ability of the elderly and patients with neurological disorders using targeted sensorimotor and cognitive tests in a driving simulator
12:30	Lunch		
13:30	Networking / Individual / Group Discu	ssions	
15:00	Closure		