



### CIRCULAR ECONOMY AND ENVIRONMENTAL LABELLING CEEL 2021

Scientific conference with international participation 29th January 2021. Novi Sad, Serbia

Conference Organizer: University of Novi Sad, Faculty of Technical Sciences, Department of Production Engineering, Chair of Metrology, Quality, Equipment, Tools, and Ecological-Engineering Aspects

### **CONFERENCE PROGRAMME**

09:30 - 10:00	Registration of participants through the MS Teams application			
OPENING				
10:00 - 10:20	Word of the project coordinator – Bożydar Ziółkowski, PhD, Eng., assistant professor, Rzeszow University of Technology.			
	Word of the programme committee chair – Boris Agarski, PhD, assistant professor, University of Novi Sad, Faculty of Technical Sciences.			
SESSION 1a CIRCULAR ECONOMY AND ENVIRONMENTAL PROTECTION Chairman: Sanja Jevtić, Boris Agarski				
10:20 – 11:50	Marzena Hajduk-Stelmachowicz: ISO STANDARDIZATION IN SERBIA AND POLAND AS THE INDICATOR OF INNOVATION ACTIVITY IN CIRCULAR ECONOMY  Nusret Imamović, Vehid Birdahić, Muvedet Šišić: ENERGIJSKO CERTIFICIRANJE OBJEKTA STUDENTSKOG CENTRA ZENICA PRIMENOM SOFTVERA KI EXPERT PLUS  Andjela Milošević, Željko Kamberović, Vaso Manojlović, Jovana Djokić, Nataša Gajić: CHARACTERIZATION OF WASTE COMPUTER PROCESSORS AND PROPOSAL OF THE METALS VALORIZATION PROCESS  Livija Cveticanin, Ivona Ninkov: SELF-DRIVING CAR AND LEGAL REGULATION			

The project is co-financed by the Governments of Czechia, Hungary, Poland and Slovakia through Visegrad Grants from International Visegrad Fund. The mission of the fund is to advance ideas for sustainable regional cooperation in Central Europe.



	Violeta Balšić, Jovana Đokić, Zoran Anđić, Sanja Jevtić, Željko Kamberović: ADSORPCIJA KORISNIH METALA IZ KONDENZATA DOBIJENOG VAKUUM PIROLIZOM BATERIJA NA ALUMOSILIKATNIM MINERALIMA			
	Aleksandra Miletić, Branka Pilić: CIRCULAR ECONOMY OF POLYMERIC MATERIALS			
11:50 - 12:00	Break			
SESSION 1b CIRCULAR ECONOMY AND ENVIRONMENTAL PROTECTION Chairman: Zorica Mirosavljević, Milana Ilić Mićunović				
	Siniša Sremac: PAKOVANJE OPASNIH MATERIJA U PROPISANU AMBALAŽU			
12:00 – 13:30	Jovana Grahovac, Ivana Pajčin, Vanja Vlajkov, Aleksandar Jokić, Jelena Dodić: POTENCIJAL IMPLEMENTACIJE PRINCIPA CIRKULARNE EKONOMIJE U TEHNOLOGIJU PROIZVODNJE BIOLOŠKIH AGENASA NA TERITORIJI AP VOJVODIN			
	Milutin Živković, Radovan Nikolić, Goran Mihajlović: CIRKULARNA EKONOMIJA NA PRIMERU PROIZVODNJE ZUPČASTIH PUMPI			
	Aleksandra Pavlović, Andrea Ivanišević, Mladen Radišić, Alpar Lošonc: INVESTICIJE U UPRAVLJANJE ČVRSTIM OTPADOM U SRBIJI			
	Danica Vukajlović, Gorana Miličić Stančić, Vladimir Mučenski: PROTECTIVE DISPOSABLE FACE MASKS -EFFECTIVE EQUIPMENT AGAINST COVID-19 TRANSMISSION: A POTENTIAL SOURCE OF POLLUTION OF ENVIRONMENT AS PART OF CRITICAL INFRASTRUCTURE			
	Zorica Mirosavljević, Dragana Štrbac: ISPITIVANJE MOGUĆNOSTI PRELASKA NA CIRKULARNU EKONOMIJU U GRAĐEVINSKOJ INDUSTRIJI UPOTREBOM OTPADNOG STAKLA			
13:30 – 13:45	Break			
SESSION 2 CIRCULAR ECONOMY AND ENVIRONMENTAL LABELLING Chairman: Bożydar Ziółkowski, Igor Budak				
13:45 - 15:30	Aleksandra Lwowska, Elżbieta Szczygieł: BETWEEN DECLARATION AND ACTION – AN ANALYSIS OF THE RESULTS OF RESEARCH ON CIRCULAR BEHAVIOR UNDERTAKEN BY HOUSEHOLDS			
	Maciej Lech Wróblewski, Boris Agarski: COMPARISON OF PRODUCT CATEGORIES FROM DIFFERENT EPD PROGRAM OPERATORS			
	Nevena Vukić, Đorđe Popović, Dejan Kojić: ECOLABEL CRITERIA FOR TEXTILE PRODUCTS WITH FOCUS ON CHEMICALS IN PRINTING PROCESSES			
	Bożydar Ziółkowski, Marzena Jankowska-Mihułowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny: DETERMINANTS OF SOCIAL INTEREST IN ENVIRONMENTAL			

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	LABELS AND DECLARATIONS IN POLAND	
	Bożydar Ziółkowski, Marzena Jankowska-Mihułowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny: CONSUMERS' KNOWLEDGE ON ENVIRONMENTAL LABELS AND DECLARATIONS IN POLAND	
	Juraj Šebo, Marek Moravec: RATING OF THE PROBLEMS AND OPPORTUNITIES OF THE DISSEMINATION OF ECOLABELS IN SLOVAKIA	
	Monika Karková: NATIONAL SURVEY IN THE FIELD OF PUBLIC AWARENESS OF ENVIRONMENTAL LABELING IN THE CZECH REPUBLIC	
	Milana Ilić Mićunović, Boris Agarski, Igor Budak: THE IMPACT OF ENVIRONMENTAL LABELS PRESENCE AND AWARENESS AMONG CONSUMERS IN REPUBLIC OF SERBIA	
15:30 – 16:00	Official closing of the conference – round table	

#### **CONFERENCE INSTRUCTIONS**

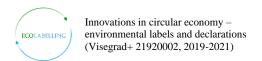
Participants can join the online CEEL 2021 conference using the MS Teams application or internet browser.

Instructions for joining the conference can be found in the document "CEEL\_2021\_MS\_Teams\_Instructions".

Papers should be presented in PowerPoint format. The presentation time is limited to max. 10 minutes.

Discussion after presentation is limited up to 5 minutes.

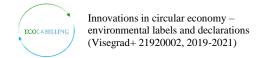
During the speech and discussion, participants are asked to turn on their microphones and cameras. Participants who do not take part in the discussion are asked to turn off the cameras and microphones during the conference.





# **AFFILIACION**

	OPENING					
10:00	dr Bożydar Ziółkowski, assis. prof.	Rzeszów University of Technology, Faculty of Management, Poland				
10:20	dr Boris Agarski, assis. prof.	University of Novi Sad, Faculty of Technical Sciences, Serbia				
	SESSION 1a CIRCULAR ECONOMY AND ENVIRONMENTAL PROTECTION					
	Marzena Hajduk-Stelmachowicz	Rzeszow University of Technology, Department of Economics, Poland				
10:20 _ _ 11:50	Nusret Imamović, Vehid Birdahić, Muvedet Šišić	University of Zenica, Faculty of Mechanical Engineering, Bosnia and Herzegovina University of Zenica, Faculty of Mechanical Engineering, Bosnia and Herzegovina University of Zenica, Faculty of Mechanical Engineering, Bosnia and Herzegovina				
	Andjela Milošević, Željko Kamberović, Vaso Manojlović, Jovana Djokić, Nataša Gajić	University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Innovation Centre of Faculty of Chemistry in Belgrade Ltd., Serbia University of Belgrade, Innovation Centre of Faculty of Technology and Metallurgy in Belgrade Ltd., Serbia				
	Livija Cveticanin, Ivona Ninkov	University of Novi Sad, Faculty of Technical Sciences, Serbia Obuda University, Doctoral School of Safety and Security Sciences, Budapest				
	Violeta Balšić, Jovana Đokić, Zoran Anđić, Sanja Jevtić, Željko Kamberović	University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Innovation Centre of Faculty of Chemistry in Belgrade Ltd., Serbia University of Belgrade, Innovation Centre of Faculty of Chemistry in Belgrade Ltd., Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia				
	Aleksandra Miletić, Branka Pilić	University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia				
		SESSION 1b				
	CIRCULAR EC	CONOMY AND ENVIRONMENTAL PROTECTION				
	Siniša Sremac Dragan Smiljanić	University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia				
12:00 - 13:30	Jovana Grahovac, Ivana Pajčin, Vanja Vlajkov, Aleksandar Jokić, Jelena Dodić	University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia				
	Milutin Živković, Radovan Nikolić, Goran Mihajlović	Academy of Professional Studies Sumadija - Department in Trstenik, Serbia Academy of Professional Studies Sumadija - Department in Trstenik, Serbia Academy of Professional Studies Sumadija - Department in Trstenik, Serbia				
	Aleksandra Pavlović, Andrea Ivanišević, Mladen Radišić, Alpar Lošonc	University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia				



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	Danica Vukajlović, Gorana Miličić Stančić, Vladimir Mučenski Zorica Mirosavljević, Dragana Štrbac	University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia			
	SESSION 2 CIRCULAR ECONOMY AND ENVIRONMENTAL LABELLING				
13:45 - 15:30	Aleksandra Lwowska, Elżbieta Szczygieł	Pedagogical University of Krakow, Institute of Law and Economics, Poland Pedagogical University of Krakow, Institute of Law and Economics, Poland			
	Maciej Lech Wróblewski, Boris Agarski	Poznan University of Technology, Poland University of Novi Sad, Faculty of Technical Sciences, Serbia			
	Nevena Vukić, Đorđe Popović, Dejan Kojić	University of Kragujevac, Faculty of Technical Sciences, Serbia University PIM, Faculty of Engineering, Bosnia and Herzegovina University PIM, Faculty of Engineering, Bosnia and Herzegovina			
	Bożydar Ziółkowski, Marzena Jankowska-Mihułowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny	Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland			
	Bożydar Ziółkowski, Marzena Jankowska-Mihułowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny	Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland			
	Juraj Šebo, Marek Moravec	Technical University of Košice, Slovakia Technical University of Košice, Slovakia			
	Monika Karková	Institute of Technology and Business in České Budějovice, Czech Republic			
	Milana Ilić Mićunović, Boris Agarski, Igor Budak	University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia			

## **ACKNOWLEDGEMENT**

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