

Bilateral projects	Country	Title	Project number	Project coordinator	Duration
	Austria	Experimental testing and numerical simulation of fatigue behavior of SPR and SW joints	BI-AT/20-21-030	Assoc. Prof. Dr. Jožef Predan	1.1.2020 - 31.12.2022
	Austria	Inorganic post-hybridization of 3D printed biopolymers and their biological relevance	BI-AT/20-21-003	Asist. Prof. Dr. Selestina Gorgieva	1.1.2020 – 31.12.2022
	Bosnia and Herzegovina	Problems of the residual stresses on costructures in the energy sector	BI-BA/19-20-036	Assist. Prof. Dr. Tomaž Vuherer	15.1.2019 - 31.12.2022
	Bosnia and Herzegovina	Intelligent control of advanced machining processes	BI-BA/19-20-042	Assoc. Prof. Dr. Mirko Ficko	15.1.2019 - 31.12.2022
	Bosnia and Herzegovina	The concept of methodology for parametric description of the digitalised surfaces of Prototypes	BI-BA/19-20-048	Assist. Prof. Dr. Jasmin Kaljun	15.1.2019 - 31.12.2022
	Bosnia and Herzegovina	Development of control algorithms and systems in the prevention of harmful consequences of COVID-19 in manufacturing systems	BI-BA/21-23-036	Assist. Prof. Dr. Simon Klančnik	1.7.2021 – 30.6.2023
	Montenegro	Formulation and optimization of antibiotic-loaded nanoparticles, included within membrane based on bacterial cellulose for treatment of rezistant, patogen, intercelular bacteria during therapy of post operative infection	BI-ME/21-22-022	Assist. Prof. Dr. Selestina Gorgieva	1.1.2021 - 31.12.2023
	Montenegro	Impact of thermal treatment of waste on the reduction of carbon dioxide (CO ₂) emissions at the national level in Slovenia and Montenegro	BI-ME/21-22-015	Prof. Dr. Niko Samec	1.1.2021 - 31.12.2023
	Denmark	Development of a reliable and advanced CFD tool for the design and optimization of wood biomass boilers	BI-DA/20-22-006	Dr. Milan Vujanović	1.11.2020 - 31.10.2022
	Croatia	Modified bacterial cellulose as artificial biomimetic membrane for biological brain barrier	BI-HR/20-21-001	Assist. Prof. Dr. Selestina Gorgieva	1.1.2020 - 31.12.2022
	France	New nanomaterials for functionality of textile fibres	BI-FR/20-21-PROTEUS-011	Prof. Dr. Aleksandra Lobnik	1.1.2020 - 31.12.2021
	India	Development and characterization of novel bioresorbable zinc alloys for biomedical applications	BI-IN/22-23-020	Dr. Matej Bračič	1.1.2021 – 31.12.2024
	China	Model for material degradation assessment by observing surfaces process under cyclic dynamic loading	BI-CN/20-22	Prof. Dr. Nenad Gubelj	1.1.2021 - 31.12.2022
	China	Analysis of the regional deposition of aerosol droplets inhaled by using the nebuliser in the human airway	BI-CN/20-22-002	Prof. Dr. Jure Ravnik	1.1.2021 - 31.12.2022
	China	Co-firing of alternative fuels in a pulverised fuel boiler	BI-CN/20-22-001	Dr. Milan Vujanović	1.1.2021 - 31.12.2022

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	Lithuania	Improving inbound and outbound logistics by using transportation data in supply chain	BI-LT/20-22-010	Prof. Dr. Tone Lerher	1.11.2020 - 31.10.2022
	Germany	Synthesis of metal and composite micro / nanoparticles by ultrasonic spray pyrolysis	BI-DE/21-22-010	Assoc. Prof. Dr. Rebeka Rudolf	1.1.2021 - 31.12.2022
	Norway	Smart Intralogistics Systems: Integrating Vertical Lift Modules and Shuttle-based Storage and Retrieval Systems	BI-NO/20-22-012	Prof. Dr. Tone Lerher	1.11.2020 - 31.10.2022
	Serbia	Readiness of Slovenian and Serbian manufacturing companies for Industry 4.0	BI-RS/20-21-037	Prof. Dr. Iztok Palčič	1.1.2020 - 31.12.2022
	Serbia	Providing high reliability of aluminum structures and their parts in transport technics	BI-RS/20-21-041	Assist. Prof. Dr. Tomaž Vuherer	1.1.2020 - 31.12.2022
	USA	Combined peridynamic modeling and experimental investigation to characterize the fracture behaviour of metastable austenite under static and dynamic loading	BI-US/22-24-036	Prof. Dr. Nenad Gubelj	1.7.2022 – 30.6.2024
	USA	Development and mechanical characterization of a novel biodegradable stent	BI-US/22-24-144	Assoc. Prof. Dr. Janez Kramberger	1.7.2022 – 30.6.2024