

BIP General presentation

General Information			
Dates for physical activity: July 9 th -14 th , 2023			
Proposed period for virtual component : June 2023 – September 2023 (asynchronous activity)			
Location of physical activity: Timisoara (Romania) – West University of Timisoara			
Target audience / Participant profile : Master students. Multidisciplinary approach. Technical profile (physics, chemistry, engineering, biology, geology, agronomy) and social-economic profile (sociology, psychology, politics, law, economics).			
No. of ECTS issued : 3 (three)			
Language of instruction and requirements : English			
Organizing board :			
Host university UVT (West University of Timisoara) Daniel Vizman Nicoleta Stefu nicoleta.stefu@e-uvt.ro	UNITA partner 1 (USMB) Benoît Stutz Pauline JOUSSEAUME	UNITA partner 2 (UBI) Antonio Cardoso Sylvie Santos Angelo sylvangelo@gmail.com	UNITA partner 3 (UNITO) Marcello Baricco Nadia Barbero Sergio Vinciguerra
	UNITA partner 4 (UNIZAR) Paz Comech Jesús Pérez Torrente	UNITA partner 5 (UPPA) Christine Lartigau	
Program			
Title : <i>Energy communities in mountain villages</i>			
Short description: The summer school “ <i>Energy communities in mountain villages</i> ” Summer School “ <i>Energy communities in mountain villages</i> ” is a summer course with lectures, field trip and project work covering basic knowledge of various topics regarding the different energy production techniques (i.e. solar-photovoltaics, hydroelectric, geothermal, wind, bio) ; energy storage approach (e.g. pumping, batteries, hydrogen as an energy carrier) ; social aspects related to the development of energy communities. A field trip to the isolated villages in			

Cerna Valley in romanian Carpathian mountains and visits to local plants for renewable energies management will be also organized. The focus will be on renewable energy technologies that can be a convenient and economically feasible option in isolated communities. The summer school will be held in Timisoara (Romania) for 5 days, from July 10th to July 14th, 2023. The school will be carried out in the Erasmus frame, and it will be delivered in English. Master students will be engaged on a multidisciplinary basis. 20 students are expected in total, from UNITA Universities.

Proposed schedule:

Lectures, visits to RE plants, project activities, gaming, connections with industries and territories. Arrival Sunday (Welcome party) - Lectures in the morning - Activities in the afternoon and evening (visits to RE plants) - Social activities - Departure Saturday – Free time

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Morning	Arrival	2 Lectures	2 Lectures	Field trip at isolated villages to collect the needed information for the project (8 hours hiking, 500m altitude difference)	Visit RE plants on the return trip to Timisoara	Working on team Projects	Departure	
Afternoon	Arrival	2 Lectures	Travel to a location close to isolated villages (3 hours)			Working on team Projects		Project presentation and final evaluation
Evening	Welcome party	Projects design	Social activities			Working on team mini projects		Social activities

Invited guests/speakers/experts (if any): Teachers will come from UNITA Universities

Application procedure

Requirements :

Bachelor Degree in any discipline.

How to apply:

Request form to be filled. Motivations for request in a half page in English. Average mark at the finish of bachelor program must be provided and will be taken into account in the evaluation together with the motivation letter.