

Report

Task:

Task 1. Organisation of mobilities

Task 2. Subsidising participation in international conferences

Participant's first and last name, academic degree, and title:

Bertha Santos, PhD in Civil Engineering, Assistant Professor

University name:

University of Beira Interior

Faculty/Department name:

Faculty of Engineering, Department of Civil Engineering and Architecture

Implementation period:

October 2021, 25th to 29th

Description of actions implemented within the task:

Faculty International Seminar, Bydgoszcz, October the 25-29th, 2021

Participant institutions: Bydgoszcz University of Science and Technology (Bydgoszcz UST) and University of Beira Interior (UBI)

Activities and actions:

1. Meeting 1: Meeting with Bydgoszcz UST representatives.



2. Meeting 2: Current status of developed collaboration.

Joint articles developed for WMCAUS2021 conference:

Mobility in transportation surveys.

Paulina Olenkowicz-Trempała, Jacek Chmielewski, Jan Kempa, Aleksander Sobota, Bertha Santos and Jorge Gonçalves.

Transportation network spatial analysis to measure pedestrian suitability. The case of hilly cities.

André Nogueira, Bertha Santos, Jorge Gonçalves, Jan Kempa and Jacek Chmielewski.

Calming traffic in historic city centers - A case study.

Andrzej Zalewski, Jacek Chmielewski, Jan Kempa, Bertha Santos and Jorge Gonçalves.

3. Meeting 3: Current status of ongoing collaboration.

Project proposals:

Programme for cooperation in science between Portugal and Poland (FCT/NAWA) – application status: FCT's and NAWA's eligibility – in analysis.

Common articles for submission to scientific journals indexed to Scopus / Web of Science – analysis and discussion:

Drivers view on the influence of atmospheric conditions on road traffic safety.

The influence of weather conditions on road traffic safety.

4. Meeting 4: UBI research presentation for future collaborations.

Road network suitability assessment for soft mobility: multi-criteria model and automated tools.

Bertha Santos, Pollyanna Lucena and Sandro Ferreira.

Application of unmanned aerial systems in road pavement condition assessment.

Bertha Santos, Pedro G. Almeida, Ianca Feitosa and Pedro Gavinhos.

Architectural heritage and GIS (Geographic Information System). UNITA Universitas Montium.

Bertha Santos and Jorge Gonçalves.

Road network suitability assessment for soft mobility

Multi-criteria spatial model and automated tools

Bertha Santos (PhD)

Pollyanna Lucena (MSc student)

Sandro Ferreira (MSc student)

University of Beira Interior, Portugal



Application of unmanned aerial systems in road pavement condition assessment

Bertha Santos (PhD)
Pedro G. Almeida (PhD)
Ianca Feitosa (PhD student)
José Gavinhos (MSc student)
University of Beira Interior, Portugal



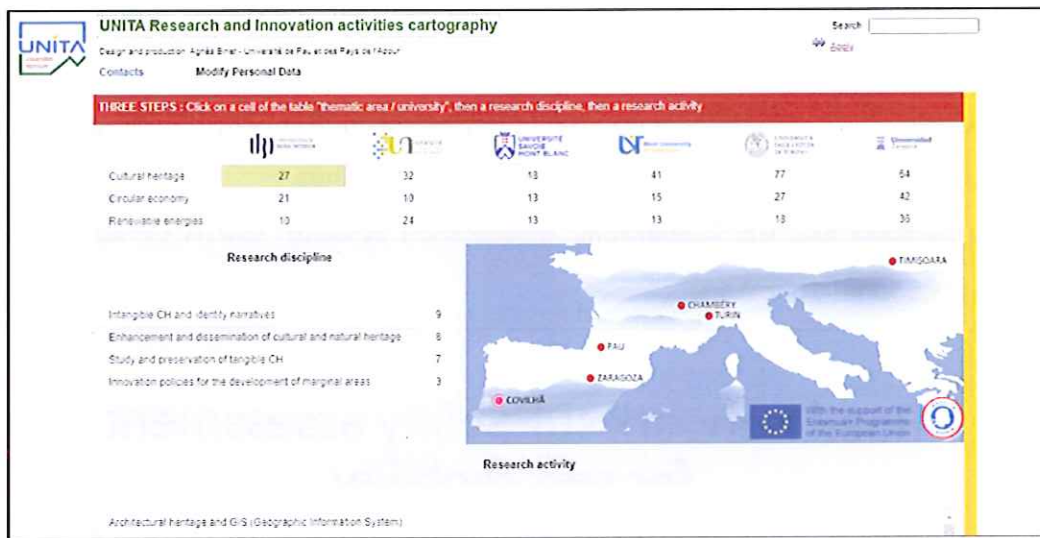
EcoSET
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5. Final Meeting: Planning future collaborations – Brainstorming



Description of results obtained during the implementation of the task:

<p>Short-term:</p>	<ul style="list-style-type: none"> • Both research team presented their ongoing and recent research works and have analyzed and discussed two articles for submission to scientific journals indexed to Scopus / Web of Science. • Preparation of articles to be submitted to ICEUBI 2022 and WMCAUS 2022.
<p>Long-term:</p>	<ul style="list-style-type: none"> • Collaboration areas: urban transport policies, sustainable mobility and road safety. • Collaboration with other Bydgoszcz UST scientific areas: Department of Architecture and Urban Planning – Architectural Heritage. • The possibility of preparing common research projects and articles. • Participation in the EcoSET project closing conference.

Assinado por: **BERTHA MARIA BATISTA DOS SANTOS**

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10.11.21

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