

Report

Task:

Task 1. Organisation of mobilities

Task 2. Subsidising participation in international conferences

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

Jorge Gonçalves, 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:

Organization of a **Faculty International Seminar** with presentations about collaborations between University of Beira Interior (UBI) and Bydgoszcz University of Science and Technology (BUST):

Meeting with BUST representatives

Joint articles developed for the WMCAUS2021 conference:

Mobility in Transportation Surveys: Paulina Olenkowicz-Trempała, Jacek Chmielewski, Jan Kempa, Aleksander Sobota, Bertha Santos, Jorge Gonçalves

Low-Cost Geographic Information System for Municipal Road Signs Management in Depopulated and Low-Density Areas: Olga Gonçalves, Jorge Gonçalves, Jacek Chmielewski, Paulina Olenkowicz-Trempala

Transportation Network Spatial Analysis to Measure Pedestrian Suitability. The Case of Hilly Cities:

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

Calming Traffic in Historic City Centers - A Case Study: Andrzej Zalewski, Jacek Chmielewski, Jan Kempa, Bertha Santos, Jorge Gonçalves

Status of ongoing collaboration.

Project proposals: **Program 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.

Presentation of ongoing research for future possible collaborations:

Public transport accessibility index to large trip attractors in urban areas: case study – UBI:

Jorge Gonçalves, Rafael Santos

Public Transport Accessibility Index to large trip attractors in urban areas: Case study - UBI

Jorge Gonçalves^{1,2} and Rafael Santos¹

¹ University of Beira Interior, Portugal

² CITTA, University of Porto/University of Coimbra, Portugal

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

BUST team:

Concept of the LAST MILE of freight on the city road network for the Bydgoszcz Logistics

Hub: M. Karwasz

Application of data from dynamic vehicle mass measurement stations on the example of experiences in the USA: J. Chmielewski

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 defined two papers for an international reference journal: <ul style="list-style-type: none"> - <i>Drivers view on the influence of atmospheric conditions on road traffic safety</i> - <i>The influence of weather conditions on road traffic safety</i> • Preparation of articles to be submitted to ICEUBI 2022 and WMCAUS 2022.
<p>Long-term:</p>	<ul style="list-style-type: none"> • Collaboration areas, with potential exchange of acquired knowhow, were identified, mainly for municipal transport policies and operations. • Possible scientific collaboration on transport policies/systems and GIS heritage management systems applied to real case scenarios were identified. • Collaboration with other BUST scientific areas were identified, mainly with the Architecture Department and the Mechanics Department. • Participation in the EcoSET project closing conference.

Assinado por: JORGE HUMBERTO GASPAR

GONÇALVES

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Koordinator wydziałowy WBAiŚ
Projekt EcoSET nr PPI/APM/2019/1/00003

dr hab. inż. Magdalena Dobiszewska
prof. PBŚ (7899)

16.11.21

date, Project Manager signature

