



Quarterly report - covers the period from 01/01/2021 to do 31/03/2021

1. **Task 1. Organisation of scientific visits for UTP employees and students and Partner representatives**

In the 1st quartile of 2021 meetings of the Recruitment Team for Mobilities were held remotely. The Team positively assessed three submissions:

✓ 16/02/2021 – application of MSc. Eng. Michelle Paradowska for a visit in National Center for Biodiversity and Gene Conservation,

✓ 26/02/2021 – application of MSc. Eng. Agata Bukaluk, for a visit in Polytechnic University of Bari,

✓ 02/03/2021 – application of PhD Eng. Magdalena Dobiszewska for a visit in Polytechnic University of Bari.

2. **Task 2. Subsidising common scientific publications.**

In the I quarter of 2021, meetings of Publications Assessment Team were organised online. As a result of these meetings, the following applications were approved:

Faculty of Civil and Environmental Engineering and Architecture:

▪ PhD Eng. Jarosław Górecki: „Make saving crucial again: building energy efficiency awareness of people living in urban areas”, the work was created with participation of Partner from Adana Science and Technology University and was accepted in the scientific journal Advances in Building Energy Research, <https://doi.org/10.1080/17512549.2021.1891134> (IF=2,6; 70 points)

▪ PhD Eng. Szymon Topoliński: „Assessment of Glass Fiber Reinforced Polyester Pipe Powder in Soil Improvement”, the work was created with participation of Partner from Adana Science and Technology University and was accepted in the scientific journal Frontiers of Structural and Civil Engineering (IF=1,680; 70 points)

Faculty of Animal Breeding and Biology

▪ PhD Eng. Magdalena Kolenda: „Composite genotypes of progesterone-associated endometrial protein gene and their association with composition and quality of dairy cattle



milk”, the work was created with participation of Partner from Tarleton State University and was accepted in the scientific journal Animal Bioscience (old Journal name: Asian-Australasian Journal of Animal Sciences), <https://doi.org/10.5713/ab.20.0596> (IF= IF 1.664; 100 points)

▪ PhD Eng. Magdalena Kolenda: „Placental characteristics classification of various native Turkish sheep breeds”, the work was created with participation of Partner from Ondokuz Mayıs University and was accepted in the scientific journal Animals, <https://doi.org/10.3390/ani11040930> (IF= IF 2,323; 100 points)

3. Task 3. Subsidising UTP employees' participation in international conferences combined with presentation of achievements in form of a lecture or a poster.

Faculty of Civil and Environmental Engineering and Architecture:

Due to NAWA's approval of the Charter of Changes, the Project Management Team recruited for remote participation in the International conference **WMCAUS 2021 6th World Multidisciplinary Civil Engineering – Architecture – Urban Planning Symposium**.

The following people were recruited:

- PhD Iga Grzeńskow: SHAPING THE IMAGE OF A CITY ON THE EXAMPLE OF A DEVELOPMENT OF PARTS OF WATERFRONT IN BYDGOSZCZ - A RELATION OF ROTHER'S MILLS AND NORDIC HAVEN BUILDING
- PhD Eng. Justyna Sobczak-Piąstka: EFFECT ON NON-METALLIC COMPOSITE REINFORCEMENT ON LOAD-BEARING CAPACITY
- PhD Eng. Alina Budzyńska:
 1. ARTICULATION OF FACADE GRAPHICS IN ARCHITECTURE AND ITS DEVELOPMENT TECHNIQUES
 2. LETTER GRAPHICS IN THE FACADE OF THE BUILDING - COMPOSITION AND MESSAGE
- PhD Eng. Jan Kempa (cooperation with the Partner form University of Beira Interior):
 1. CALMING TRAFFIC IN HISTORIC CITY CENTERS - A CASE STUDY

2. TRANSPORTATION NETWORK SPATIAL ANALYSIS TO MEASURE PEDESTRIAN SUITABILITY. THE CASE OF HILLY CITIES

- MSc. Eng. Paulina Olenkowicz-Trempała (cooperation with the Partner from University of Beira Interior):
 1. MOBILITY IN TRANSPORTATION SURVEYS
 2. LOW-COST GEOGRAPHIC INFORMATION SYSTEM FOR MUNICIPAL ROAD SIGNS MANAGEMENT IN DEPOPULATED AND LOW-DENSITY AREAS
- MSc. Eng. Tomasz Lamparski (cooperation with the Partner from Tarleton Science University):
 1. STRUCTURAL BRACING OF WOODEN ROOFS UNDER THE EXTREME WINDS
 2. VIBRATIONS OF SLENDER STRUCTURES CAUSED BY VORTICES
- PhD Eng. Szymon Topoliński (cooperation with the Partner from Adana Science and Technology University): APPLICATION OF WASTE ROCK DUST IN CEMENT BINDING MIXTURES USED IN ROADWAY
- PhD Eng. Małgorzata Kaus: PERCEPTION OF SPACE AND ARCHITECTURAL FORM OF CHILDREN WITH ASPERGER'S SYNDROME AS A UNIVERSAL GUIDELINE FOR EDUCATION SPACE DESIGN
- PhD Daria Bręczewska-Kulesza: ARCHITECTURE AND SITE LAYOUTS OF PRUSSIAN ASYLUMS IN POLAND IN THE 19TH AND EARLY 20TH CENTURIES AS A REFLECTION OF THE DEVELOPMENT OF GERMAN PSYCHIATRY AND HEALTH POLICY
- PhD Eng. Aleksander Furmanek: BASIC REFLECTIONS ON THE IMPLEMENTATION OF DIFFERENT 3D TECHNOLOGIES CO-OPERATING IN THE ARCHITECTURAL DESIGN PROCESS
- PhD Eng. arch. Piotr Brzeziński: INDUSTRIAL SPACE IN BYDGOSZCZ

4. Task 4. Organisation of a closing conference to sum up the Project.

No action was taken in relation to Task 4.

5. Other activities:



- ✓ 19/02/2021 – an agreement on research and teaching cooperation with the University of Beira Interior was signed. The agreement was signed by the Rectors of both universities.
- ✓ 05/03/2021 – the Charter of changes no. 3 was sent to the Project Supervisor Radosław Podgrudny, which was accepted on March 5th.

The card included, among others, a change in the number of mobilities, the funds saved from others tasks were transferred to the cost of publications in high-ranking international journals, participation in international conferences and the purchase of materials, reagents and services.

- ✓ 11/03/2021 – Management Team received from the Project Supervisor Radosław Podgrudny a query regarding savings in the project. March 17th a remote meeting of the Project Management Team took place and it was agreed that some of the planned tasks were completed in the project and in response to the pandemic situation, steps were taken to submit a change charter to NAWA, that included a clause that enables the transfer of some funds to other tasks and a change in the number of expected results. Therefore, on March 17th this year NAWA was informed that at the moment there are no plans to make additional savings or add amendments to the contract in this regard.
- ✓ The summary of costs in the I quartal broken down by Faculties and tasks was prepared (as of 31/03/2021).