



PÉCSI TUDOMÁNYEGYETEM

UNIVERSITY OF PÉCS



University of Pécs

Green University Program

Sustainability Report

2019

Content

• Introduction	3
• International results	3
• Results	4
 Setting and infrastructure	4
 Energy and Climate change	4
 Waste management	5
 Water management	5
 Transportation	6
 Education	6

The Chancellery Technical Services Directorate of the University of Pécs publishes the report entitled "Sustainability Report 2019" within the framework of the Green University Program.

Source of illustrations and photos:

<http://greenmetric.ui.ac.id>

<http://zoldegyetem.pte.hu>

<http://galeria.pte.hu>

Technical coordinator: Tünde Kulcsár, Dr. Bertalan Radvánszky

Technical editor: Dr. Bertalan Radvánszky

Professional coordinator: Dr. Szabolcs Czigány

Professional leader: György Berkes, Dr. Krisztina Orbán

Contact: Tünde Kulcsár

Address: 1/B. János Szántó Kovács street, H-7633 Pécs

Phone: +36-72/501-500/22332; +36-30/405-4020

E-mail: kulcsar.tunde@pte.hu

Introduction

The University of Pécs (henceforth “UP”) in the Global UI GreenMetric ranking has improved 40 places in 2019 compared to 2018. The efficiency and the large number of best management practices contributed to the steady improvement of ranking since 2018. UP was ranked the 100th place on the international university ranking among 780 universities (Figure 1). At the international ranking UP is the 2nd among the 7 Hungarian, and ranks 48 among 230 most environmentally conscious European higher education institutions. UP has been included in the 100 greenest universities in the world as the result of last several years hard work. We aim at maintaining this position or even improving it. This sustainability report presents the progress made under the UP Green University Program.



Figure 1. *Improvement of UP’s ranking in the Global UI GreenMetric University Ranking since 2016*

International results

Out of the max. 10,000 points UP received 7,025 in the Global UI GreenMetric University Ranking, which is an improvement of 950 points compared to 2018. Waste management and transport are the two sectors where UP made it to the top of the top 100 greenest universities. In five sectors (energy and climate change, waste management, water management, transport, and education). UP

increased the number of points available, where 70,25% of the total points has been reached, 10% more, compared to last year’s rankings. Of the maximum points that can be earned per sector, the lowest score was received in the “Education and Research” sector, only 62.50% (1. Table). Based on the results further development opportunities for UP are in "Education" and "Energy and climate change" sector, which can be accessed through the combined efforts of students and staff of UP.

	Points earned	Total points available	Ratio (%)
Setting and infrastructure	975	1,500	65
Energy and Climate change	1,325	2,100	63.1
Waste management	1,500	1,800	83.33
Water management	675	1,000	67.5
Transportation	1,425	1,800	79.17
Education	1,125	1,800	62.5

Results



UP's current development of infrastructure, and expansion of up to date technical background turns to realization – within the framework of Modern Cities program (2015–2020) announced and financially supported by the Hungarian government. The improvements that have already been made and are still in progress will allow us to enhancing the competitiveness of UP, developing the education and services portfolio, increasing the number of international students and improving the current infrastructural conditions.

UP MS:
Spaces for education and research has increased **40%**

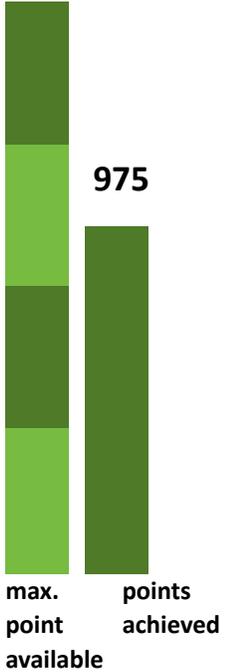
Total renovation of 10,000 m² park

21 000 students, in the 1st semester of the academic year 2019/20

Roof reconstruction of building "M" on Humanities Campus

Establishment of new laboratories, educational places, offices at Faculty of Pharmacy

Summarized results of 2019
1 500



UP was awarded the Title of Energy Efficiency Mentoring Organization in 2019 after joining the Virtual Power Plant Program. Within the framework of the Baranya Virtual Power Plant Program, social and economic operators at local and territorial level joining the program in Baranya have saved 4 MW of energy through energy-conscious and energy-efficient measures.

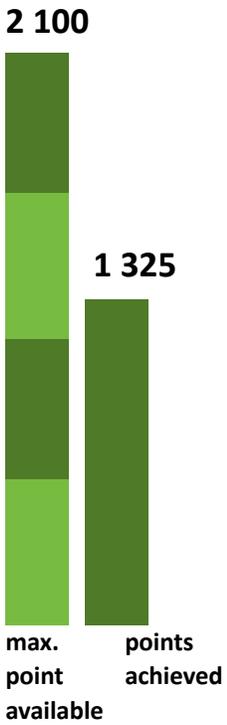
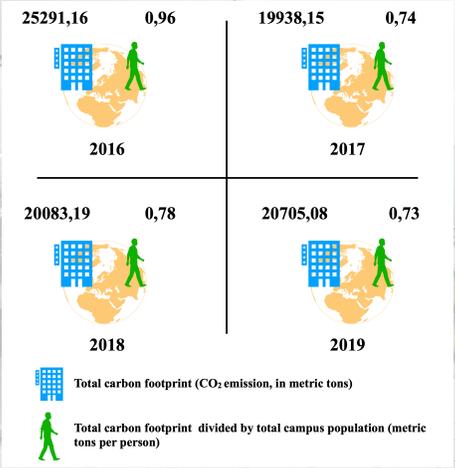
20.705 t CO₂ is the total emission of UP in 2019

Average CO₂ emission per an university citizen is 0.73 t in 2019

"Baranya County Environment Protection" prize awarded UP Green University Program



4 MW





UP is also making mitigation efforts in waste management to reduce the amount of waste generated at the university. Since 2019, UP ceased to promote and deal plastic-bottled beverages on its campuses. In order to implement the local decision, 70 water drinking fountains are available for university citizens. Another important objective is the further reduction of the amount of general waste, by the implementation of selective waste collection at all sites. The selective waste collection has an uniform appearance, which is an integral part of institutional waste management policy.

Recollection of 270 kg battery from city habitants

Extending selective waste collection in dormitories and rural sites

694 participants in the "You-pick" volunteer waste collection program

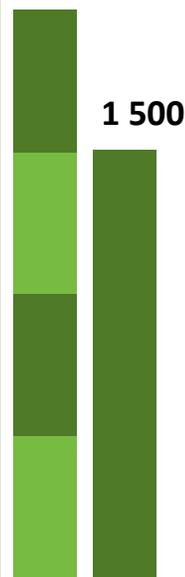
Visit to Kökény Regional Waste Management Center

Collection of 1.5 tons of e-waste

Organization of Packaging free week together with 4 other Hungarian universities

Summarized results of 2019

1 800



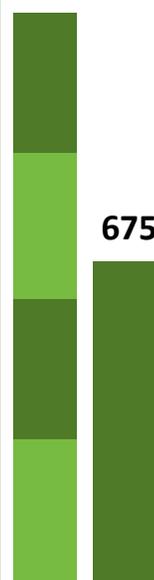
max. point available points achieved



UP assessed the number and quality of sanitary ware at the UP within the framework of the Green University Program for water efficiency. As a result of the measurement, the proportion of water-efficient sanitary ware compared to all stocks has been defined. 71% of all sanitary ware were found water efficient. UP will make every effort to further water protection using technological methods.

Sanitary	Number of sanitary	Water efficient sanitary	Water efficient sanitary rate (%)
Water tap	8,092	6,449	80
Toilette	3,458	1,863	54
Pissoir	711	397	56
Total	12,261	8,709	71

1 000



max. point available points achieved



UP strives to reduce emissions of harmful substances related to transport. According to developing university infrastructure UP assures accessibility and parking, reducing the length of the driving routes and by increasing the entrances on sites. UP is continuously supports the use of alternative modes of transport. The number of electrically powered cars has further increased within UP's transport fleet.

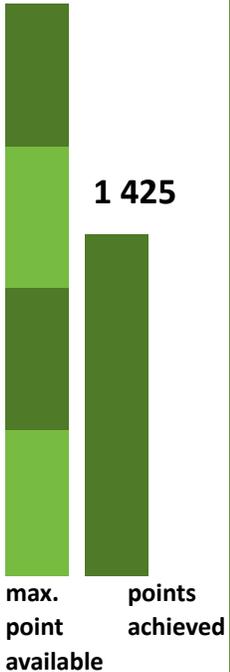
9 zero emission
E-cars at UP's fleet

600 bikers pedaled
937,531.72 km
within "MOON
Bike" program in
80 days

Refurbished bicycle
stores

Reorganization of
parking facilities on
Szigeti Street site

Summarized
results of
2019
1 800



UP has achieved significant results in networking at corporate, local, regional, national and international level over the past year. The University believes that progress in environmental protection will be fully effective if it receive broad social and economic recognition. In the future, UP intends to increase the quality of the already built-up Hungarian multi-level networks and to expand it at international level, with the participation of green universities.

Virtual Power Plant
Program Roundtable
Discussion

Hungarian
translation of UI
Green Metric
Guide

operating [http://
zoldegyetem.pte.hu](http://zoldegyetem.pte.hu)
website

Organization of
International
Evening

Solar Decathlon
2019

UP Innovation Day

Organization of 2nd
Green Workshop

Ist National
Workshop

