



Sustainable Development Goals Report

Technical University of Cluj-Napoca
2021-2022

Introduction

The 2030 Agenda for Sustainable Development, adopted by all United Nations member states in 2015, provides a common plan for peace and prosperity for people and planet, now and in the future. At its heart are the 17 Sustainable Development Goals (SDGs), which represent an urgent call to action from all countries - developed and developing - in a global partnership. Thus, it was agreed that the elimination of poverty and other deprivations must be convergent with various strategies that improve health and education, reduce inequality and stimulate economic growth, while addressing climate change and contributing to environmental conservation.

Higher education did not play a significant role in the original Millennium Sustainable Development Goals (SDGs) for the period 2000 – 2015. But this changed profoundly with the definition of the SDGs for the period 2015 – 2030, so now universities everywhere are interested in achieving these ambitious goals. The university as an institution has a long history, starting as an educational institution, later assuming the function of knowledge creation (research) and more recently the so-called third mission of active engagement in society, thus having the role of contributing to the development of society.

„Sustainable Development represents, in the Romanian context, the desire to achieve a balance, a synthesis between the aspirations of the free-born citizen, the society on which it depends and through which it is defined, and the context that allows self-realization. This balance starts from man, the central actor who seeks an individual balance and favorable conditions to achieve it. The favorable conditions are influenced by the society that must support and motivate him and by the environment through which he finds himself and can find his balance. The role of the state in the context of sustainable development is to help achieve this balance, not only for citizens now, but also for future generations.“

The national strategy for sustainable development of Romania 2030

In this context, the Technical University of Cluj-Napoca, like many other universities in the country, but as the main initiator in the field, is facing both major challenges and real opportunities for sustainable development, both of which, however, presuppose an approach pragmatic, realistic, focused on the real needs of the regional and national socio-economic environment, by orienting the entire educational, scientific research and innovation process towards this requirement.

The Technical University of Cluj-Napoca is an active partner in the national and international academic community and has a continuously involved presence in the local and regional community. The purpose of this report is to highlight the involvement and impact in society of the Technical University of Cluj-Napoca in achieving the Sustainable Development Goals, including examples of initiatives, events and projects that provide impact from the perspective of the 17 sustainable development goals.



GOAL 17. PARTNERSHIPS FOR THE GOALS



This goal reflects the fact that partnerships are necessary to ensure sustainable development goals. Partnerships designed for common goals are stronger if they are made between governments, industries and civil society. This objective includes various elements such as: financial and development support, public policies, access and development of innovative technologies, development of various resources addressing a whole palette of systemic aspects.

Governmental and european partnerships
Romanian digitalisation authority- Cadrul strategic național pe Inteligență Artificială/ National strategic framework for Artificial Intelligence
European University of Technology EUT+
Consiliul Național al transformării digitale
Autoritatea pentru digitalizarea României/ Romanian digitalisation authority/
Primăria Municipiului Cluj-Napoca. Cluj-Napoca City Hall
NGO's and companies partnerships
Cluster Cluj IT
Education Cluster - C-EDU
Innovation hub - DIH4S
Innovation hub - Digital Innivation HUB
Cluster Economic Regional Electrotehnic - ETREC
Cluster Materiale Avanced materials for Microandi Nanotehnologies - ADMATECH
Cluster Drifmat - Distributed Research Infrastructure for Materials, Applications and Future Technologies
Cluster Pro-nZEB
Cluster SpaceTech Transilvania
Cluster Ecoinovativ - CLEMS
Cluster Transnational for renewable energy - TREC
Bosch, Emerson, Siemens, Energobit, Banca Transilvania, BCR, ARKK, Nagarro, Indeco, Eaton, Intelactsoft, EVozone, UACE
JAR Romania
DpIT
Innovation Labs

SDG17 in numbers

More than 400 partnerships

More than 70 strategic partnerships

Progress 2021-2022

Governmental and european partnerships	
ENIHEI - Innovative European Network for high education universities	https://www.utcluj.ro/media/documents/2022/UTCN_membra_a_retelei_ENIHEI.pdf
NGO's and companies partnerships	
Lookahead Martin - partenership for inovative technologies development	https://www.utcluj.ro/media/documents/2022/lookheed_Martin.pdf
Cridsoft -partnership for technological models design for informatic systems	https://www.utcluj.ro/media/documents/2021/Proiect_IT_cu_CRISoft.pdf

SDG17 progress in numbers

19% of total SDG relevant partnerships

18% SDG relevant research projects

19% students enrolled in SDG-specific study programs

Name	Scholarly Output	FWCI	Citation Count
SDG 1: No Poverty	2	0.41	39
SDG 2: Zero Hunger	21	0.49	66
SDG 3: Good Health and Well-being	283	1.36	2537
SDG 4: Quality Education	70	0.63	222
SDG 5: Gender Equality	2	0.08	3
SDG 6: Clean Water and Sanitation	85	0.85	481
SDG 7: Affordable and Clean Energy	544	1.07	3486
SDG 8: Decent Work and Economic Growth	73	0.79	477
SDG 9: Industry, Innovation and Infrastructure	343	1	2013
SDG 10: Reduced Inequality	10	0.19	11
SDG 11: Sustainable Cities and Communities	195	0.91	925
SDG 12: Responsible Consumption and Production	154	1.02	1064
SDG 13: Climate Action	117	0.87	527
SDG 14: Life Below Water	9	0.83	75
SDG 15: Life on Land	31	0.71	138
SDG 16: Peace, Justice and Strong Institutions	4	0.43	3
Total 2017-2021	1943		12067

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