



IGLO OPEN

Progress of EaP countries in association
to Horizon Europe with the highlighting
of Moldova's participation and the strength
needs for the involvement of R&I topics for
the Energy domain

Venue

Rue Belliard 41-43, 1040 Brussels
Permanent Representation of Lithuania to the European Union
Date: February the 7th, 2023, hour 13.00-16.00



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Progress of EaP countries in association to Horizon Europe with the highlighting of Moldova's participation and the stringent needs for involvement in R&I topics for the Energy domain in the context of actual challenges

AGENDA

**Venue: Rue Belliard 41-43, 1040 Brussels
Permanent representation of Lithuania to the European Union**

Date: February the 7th, 2023, hour 13:00 – 16:00

1. (13:00 – 14:00) Welcome light lunch.
2. (14:00 – 14:10) Opening of the event, Sveatoslav POSTORONCA / Larisa UNGUREAN, Representatives of MOST in EU
3. (14:10 – 14:35) Presentation I. „Association of the Eastern Partnership (EaP) Partner countries to Horizon Europe and R&I cooperation with the EaP Partner countries” *Ms. Anne HAGLUND-MORRISSEY Deputy Head of Unit 04 (Horizon Europe Association), European Commission*
4. (14:35 – 15:00) Presentation II. „R&I cooperation with the Republic of Moldova and progress achieved by the Republic of Moldova in the Horizon Europe Programme”, *Ms. Ludmila NISTOR-MIHAILOVA, Policy Officer, Unit 04, DG Research & Innovation, European Commission*
5. (15:00 – 15:25) Presentation III. „The Support of Clean Hydrogen in finding solutions for actual Energy Crisis”, *Ms. Helene CHRAYE, Head of Unit, Unit Clean Energy Transition, Deputy Director Clean Planet, DG Research & Innovation, European Commission*
6. (15:25 – 15:55) Q&I Session.

Four scientists from the Republic of Moldova, in the top 2% of the world's best researchers



Prof. Oleg Lupan



Dr. Valentin Oleşciuc



Prof. Ghenadii Korotcenkov



Dr. Denis Nica

State University of Medicine and Pharmacy “Nicolae Testemitanu” of the Republic of Moldova has climbed 287 positions worldwide in the Ranking Web of Universities (Webometrics), compared to the July 2022 edition.

According to the Webometrics Report, published at the end of January 2023, university ranks **282nd** among universities in Central and Eastern Europe, **1140th among** those on the European continent, and **3688th** among the more than 31 thousand institutions present online globally.

The screenshot shows the 'Ranking Web of Universities' website. The top navigation bar includes 'HOME', 'NORTH AMERICA', 'LATIN AMERICA', 'EUROPE', 'ASIA', 'AFRICA', 'ARAB WORLD', 'OCEANIA', 'RANKING BY AREAS', and 'REPUBLIC OF THE CONGO'. The 'EUROPE' region is selected, and the 'Moldova, Republic of' is chosen. A table lists the top 10 universities in Moldova, with the State University of Medicine and Pharmacy 'Nicolae Testemitanu' at rank 1.

ranking	World Rank	University	Det.	Impact Rank*	Openness Rank*	Excellence Rank*
1	3688	Nicolae Testemitanu State University of Medicine and Pharmacy / Universitatea de Stat de Medicina si Farmacie	👉	7827	2149	4042
2	3810	Technical University of Moldova / Universitatea Tehnica a Moldovei	👉	6690	2187	4529
3	4076	State University of Moldova / Universitatea de Stat din Moldova	👉	4280	2578	5301
4	6782	Balti State University Alecu Russo / Universitatea de Stat Alecu Russo din Balti	👉	6592	4184	7206
5	7743	Academia Police Stefan cel Mare	👉	3922	6547	7206
6	8024	Academy of Economic Studies from Moldova / Academia de Studii Economice din Moldova	👉	8787	4667	7206
7	8933	Free International University of Moldova / Universitatea Libera Internationala din Moldova	👉	8033	6003	7206
8	9477	State Agricultural University of Moldova / Universitatea Agrara de Stat din Moldova	👉	12256	6547	6544
9	10017	Taras Shevchenko Transnistria State University / Дондустовский государственный университет Т.Г. Шевченко	👉	10470	5795	7206
10	11564	State University of Tiraspol / Universitatea de Stat din Tiraspol	👉	13386	6547	6808

© USMF read more on <https://usmf.md/en/noutati/nicolae-testemitanu-university-maintains-first-place-among-countrys-universities>

When will we see it in manufacturing?

Hi-Duk, the electric off-roader designed and assembled in Moldova, was tested on the hills of the country



<https://piataauto.md/Stiri/2021/06/Cand-il-vedem-in-productie-Hi-Duk-offroader-ul-electric-produs-in-Moldova-a-fost-scos-la-teste-pe-dealurile-tarii/>

TRIGENERATION ENERGY SYSTEM



<https://agora.md/stiri/108632/panourile-fotovoltaice-termice-inovatie-in-domeniul-energetic-ce-sunt-cum-functioneaza-sistemul-si-prin-ce-se-diferentiaza-de-panourile-obisnuite-video>

- Two nucleotide sequences were included in the NCBI world database, which allow the identification of tomato phytoplasma (<https://www.ncbi.nlm.nih.gov/nucore/OQ275003>, <https://www.ncbi.nlm.nih.gov/nucore/OQ275004>).
- The range of biological products that ensure high effectiveness in pathogen and pest control of the most important agricultural crops in the context of climate change has been expanded, also technologies for applying phytosanitary preparations have been developed through the use of digitalized systems;
- There were developed biodegradation processes of non-recyclable plastic and persistent organic pollutants using edaphic microorganisms;
- 4 microbial preparations were obtained in order to increase the productive and reproductive potential of animals;
- The database of the National Collection of non-pathogenic microorganisms was digitalized and biofunctionalized nanoparticles with specific tissue tropism were obtained;
- It was revealed the parasite fauna of amphibians, fish, and hunting fauna and bees and there have been developed harmless, biological and therapeutic procedures for complementary feeding and controlling of parasitic agents in animals which are part of the hunting, aquaculture and beekeeping fauna;
- The faunal list of insects from the Republic of Moldova was completed with a family, a genus and 25 species of new insects for the country fauna, while the trophic relationships, the trophic spectrum of terrestrial animals and their role in the functioning of ecosystems were studied;
- It was evaluated the diversity, fluctuations of hydrobiont communities, their importance in the functioning of Dniester and Prut River, Debaser and Costesti-Stanca reservoirs (accumulation lakes) depending on biotic factors, including invasive species, abiotic and technogenic factors.



The following achievements were sent to the State Commission for Varieties Testing:

- 3 varieties of field crops, one of them being approved. 3 patents were obtained, 524 tons of seeds of high biological quality were produced;
- 3 maize hybrids were transferred to official testing, 9 new hybrids and 3 hybrids were implemented in production, 2 invention patents were obtained.

For the purpose of development and scientifically proven management of the genetic background of agricultural animals and poultry, there were tested and selected in breeding cores Holstein, Simmental and Jersey cow breeds, Moldavian-type Karakul and Tsigaie sheep breeds, Anglo-Nubian goat breed, Durok pig breeds and poultry (chicken) of Adler and Hubbard Silver breeds.



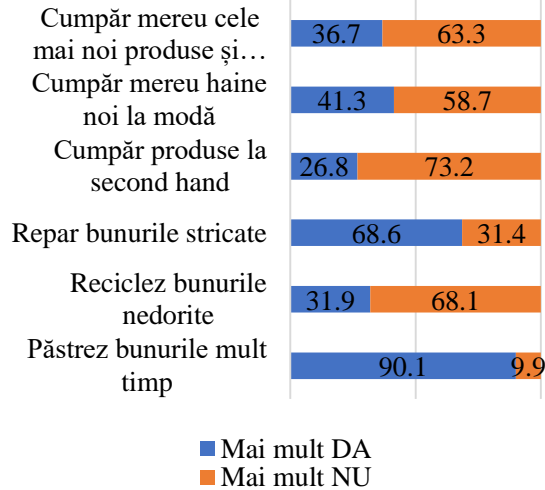
The concept of circular economy business models for the Republic of Moldova was substantiated

Studii și cercetări privind economia circulară în Republica...
6 iulie · 🌍

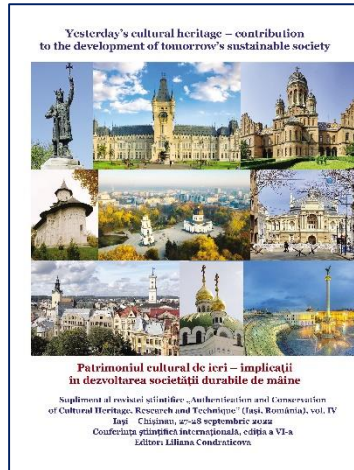
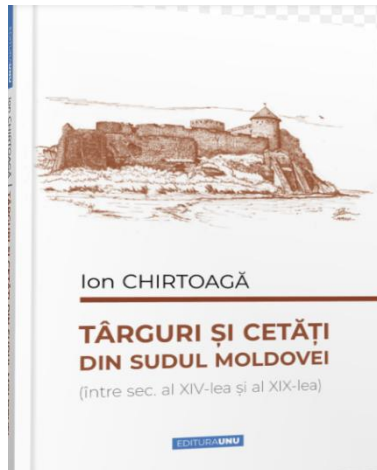
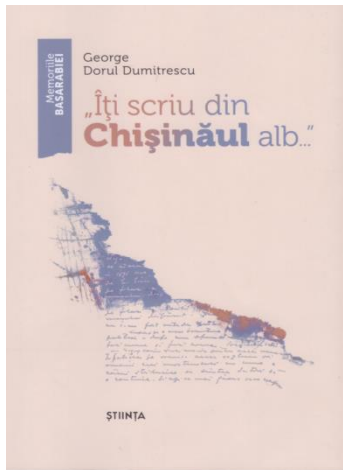
Acest chestionar Vă este adresat de către membrii echipei INCE implicați în cadrul proiectului Programului de Stat (2020-...

CHESTIONAR privind implicarea consumatorilor în extinderea...

DOCS.GOOGLE.COM



Based on interpretation studies in the fields that represent the urban image of the cities of Chisinau, Bălți and Cahul, an inventory of representative, symbolic images was compiled, which the city of Chisinau, Bălți and Cahul acquired, together with other cities of the Republic of Moldova, in literature and art of all times



Cross-sectoral research on the impact of migration and demographic changes on different social systems

INCE INSTITUTUL NAȚIONAL DE CERCETĂRI ECONOMICE

Centrul Cercetării Demografice

PROFILUL DEMOGRAFIC AL REPUBLICII MOLDOVA 2022

POPULAȚIA

Populația, mil.	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Populația totală	4 987	4 905	4 824	4 743	4 662	4 581	4 500	4 419	4 338	4 257	4 176
Urbană	2 905	2 841	2 781	2 721	2 661	2 601	2 541	2 481	2 421	2 361	2 301
Rurală	2 082	2 064	2 043	1 992	1 999	1 980	1 928	1 938	1 917	1 896	1 875

MORTALITATEA

Spereanță de viață la naștere	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
La naștere	74.2	74.1	74.0	73.9	73.8	73.7	73.6	73.5	73.4	73.3	73.2

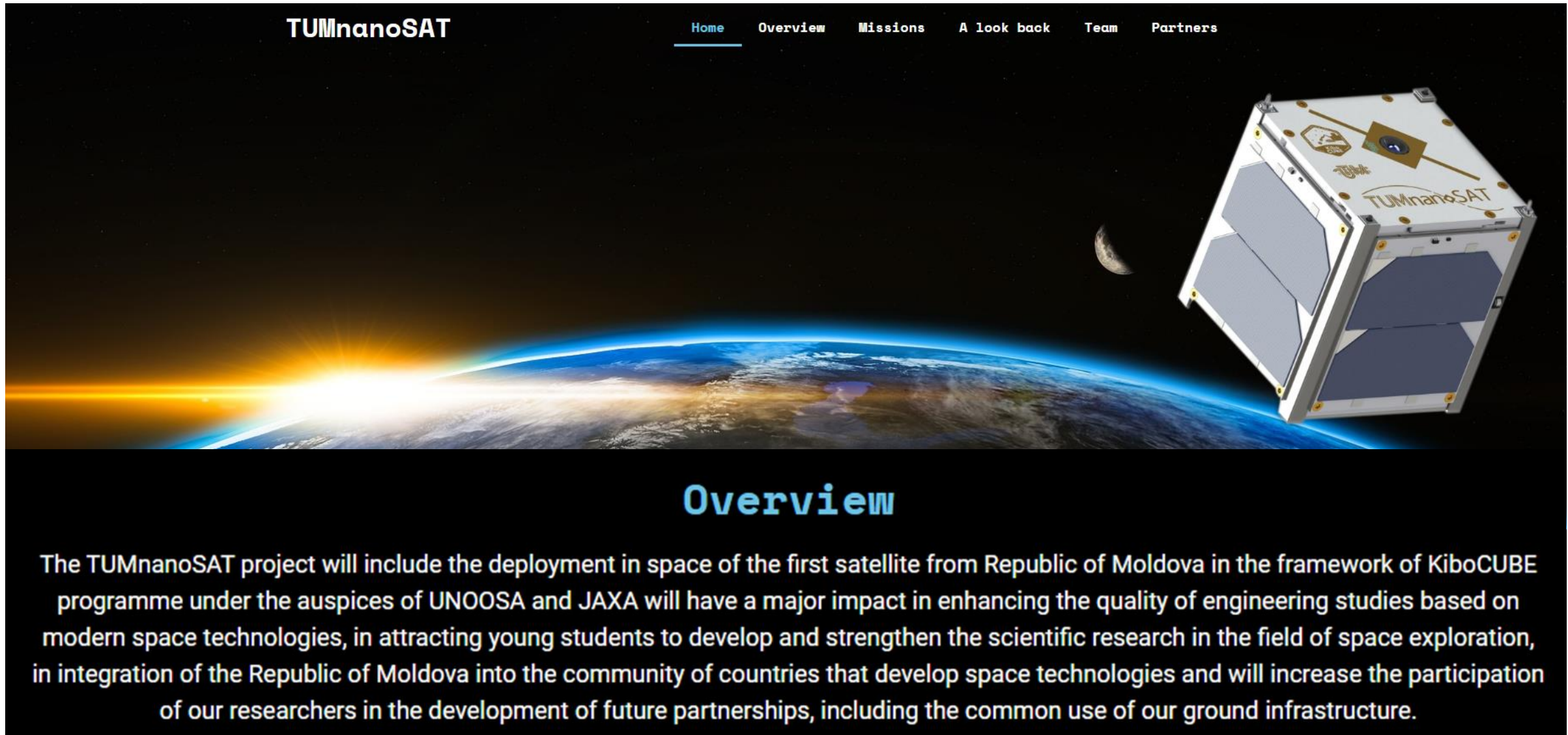
PROIEȚIA DEMOGRAFICĂ A NUMĂRULUI ȘI STRUCTURII POPULAȚIEI*

MIGRAȚIA INTERNAȚIONALĂ

ÎMBĂTRÂNIREA DEMOGRAFICĂ

FERTILITATEA

THE LAUNCH INTO SPACE OF THE "TUMNANOSAT" NANOSATELLITE BY UTM ENJOYS WIDE MEDIA COVERAGE



The image shows a screenshot of the TUMnanoSAT website. At the top left, the logo "TUMnanoSAT" is displayed. To its right is a navigation menu with the following items: "Home" (underlined), "Overview", "Missions", "A look back", "Team", and "Partners". The background of the website header features a 3D rendering of the TUMnanoSAT satellite in space, with the Earth's horizon and a bright sun visible on the left. The satellite is white with blue panels and has "TUMnanoSAT" written on its side. Below the navigation menu, the word "Overview" is written in a large, light blue font. Underneath, there is a paragraph of text in white font on a black background.

TUMnanoSAT [Home](#) [Overview](#) [Missions](#) [A look back](#) [Team](#) [Partners](#)

Overview

The TUMnanoSAT project will include the deployment in space of the first satellite from Republic of Moldova in the framework of KiboCUBE programme under the auspices of UNOOSA and JAXA will have a major impact in enhancing the quality of engineering studies based on modern space technologies, in attracting young students to develop and strengthen the scientific research in the field of space exploration, in integration of the Republic of Moldova into the community of countries that develop space technologies and will increase the participation of our researchers in the development of future partnerships, including the common use of our ground infrastructure.

