



MINISTERUL EDUCAȚIEI
ȘI CERCETĂRII
AL REPUBLICII MOLDOVA



Universitatea
Transilvania
din Brașov



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NATIONAL UNIVERSITY OF ARCHITECTURE
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UNIVERSITÀ DEGLI STUDI
DEL SANNIO *Benevento*



cesie
the world is only one creature



ACEP
ARMENIAN CENTER FOR
EDUCATION POLICY
AND MANAGEMENT



THE MINISTRY OF EDUCATION, SCIENCE,
CULTURE AND SPORTS
OF THE REPUBLIC OF ARMENIA



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SDGs in the Republic of Moldova and Public Policies Documents

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INTEGRATION OF SDGs IN PUBLIC POLICIES



The National Development Strategy "Moldova - 2030", approved by Government Decision in 2022, fully aligned with the Sustainable Development Agenda 2030 - a strategic vision document that indicates the direction of development of the country and society in the next decade



income, living conditions, education, culture, health, social cohesion, human rights, trust in governance and justice, environment



- EDUCATION 2030 Development Strategy, approved by Government Decision in 2023 (Ministry of Education and Research)
- Youth Strategy 2030 (MER)
- National programme on country's smart specialization for 2024-2027, approved in 2024 (MER)
- Digital Transformation Strategy 2023-2030 (MEDD)
- The National Strategy for Agriculture and Rural Development 2023-2030 (MAFI)
- Environment Strategy 2024-2030 (ME)
- National Climate Change Adaptation Program (NCCAP) until 2030
- Low Emission Development Program (LEDP) until 2030, approved in 2023
- National Program for Expansion and Rehabilitation of Forests

Education for sustainable development - key instrument for reaching SDGs

All public policies documents developed so far, are in line with the objectives and targets of both Agenda 2030 and European Union policy framework



As a candidate country to the EU, driven by the commitment of the Republic of Moldova to align with European standards, the initiated reforms will continue to contribute to the SDGs implementation

All policies and initiatives aim to build a stronger education, training, research and innovation system, thus ensuring a sustainable development of the country and stimulating the integration of the Republic of Moldova in the European Union.

Through consistent and transparent reporting to the European Commission on its progress, the Republic of Moldova aligns its efforts with the relevant SDGs while advancing EU priorities

The European Union is a leading global partner for SDGs



Co-funded by the
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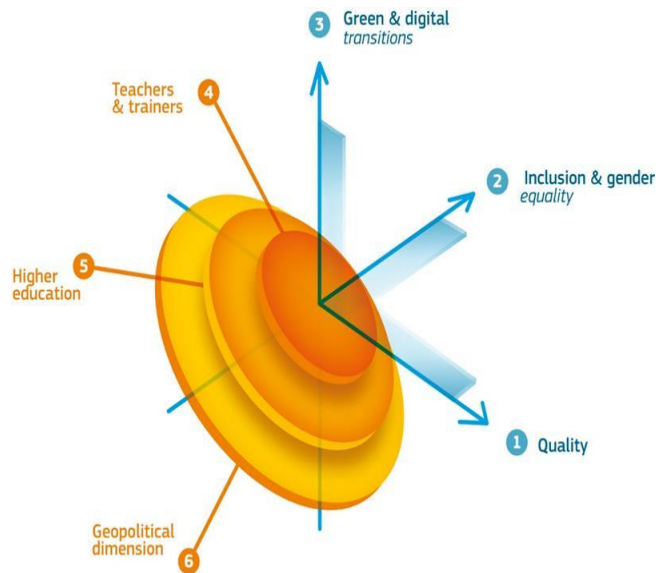


**NATIONAL DEVELOPMENT STRATEGY „European Moldova 2030”
Ensure relevant and qualitative education and promote lifelong education and
training**

**DEVELOPMENT STRATEGY EDUCATION 2030 AND IMPLEMENTATION PLAN FOR 2023-
2025 – 125.3 MLN. EUR**

- Link education to labour market requirements and needs from a sustainable development perspective by restructuring human capital development mechanisms
- Provide the educational system of all levels and forms of education with qualified, competent, motivated and competitive teaching/scientific-didactic and managerial staff
- Create new, effective and motivating lifelong learning and education opportunities for all in a formal, non-formal and informal context
- Improve the functionality of the education system through the effective implementation of digital technologies to ensure education quality and sustainability
- Promote innovation in education through research development

GENERAL CONTEXT: EDUCATION PRIORITIES 2030



DIMENSIONS IN EUROPEAN EDUCATION AREA

EDUCATION 2030 STRATEGY:

QUALITY: Ensure access to quality lifelong education for all, strengthen the socio-educational cohesion for quality education by bringing together the efforts of all actors of the educational process

INCLUSION & GENDER: Create new, effective and motivating lifelong development and learning environments for all

GREEN & DIGITAL transitions: Improve the functionality of the education system through the effective implementation of digital technologies to ensure education quality and sustainability

TEACHERS & TRAINERS: Provide the educational system of all levels and forms of education with qualified, competent, motivated and competitive teaching/scientific-didactic and managerial staff

HIGHER EDUCATION: Develop a system of higher education competitive at regional and international level, adaptive to the labour market needs

GEOPOLITICAL DIMENSION: By participating in ERA, Horizon Europe, Erasmus+ initiatives it is aimed to enhance Europe's global competitiveness in science and technology. By focusing on developing high-level skills and competencies, Moldova aims to prepare a workforce that can compete globally, particularly in emerging fields such as digital technologies and green industries.



Main reforms

CURRICULAR DOCUMENTS

- Curriculum Modernization at all level of study (STEM Emphasis, Life Skills, Transversal skills). A new concept of curriculum for general education is being developed, capitalizing on new educations: environmental education, peace education, education for participation and democracy, economic education.
 - Updated Nomenclature for fields of study and specialties of HE (GD No. 412 /2024) and VET (GD No. 294/2024 GD No. 293/2024), greening specialties included
 - Occupational standards based on market needs developed in consultation with business and agricultural operators stakeholders involvement

FUNDING MECHANISMS

for VET, HE and RESEARCH

- **Research**, including 90% for institutional funding, 4% for maintenance and development of infrastructure, 6%-complementary funding/performance
- **Higher Education** funded according to a hybrid model: 75% core funding depending on the complexity of the study program + 20% performance funding (internationalization, connection to labour market, startups, international projects, energy efficiency projects) + 5% for institutional socio-economic initiatives
- **VET** funded according to a per student cost formula + performance funding

Initiatives at general education level to raise the awareness among learners and educators about SDG



The good experience of Moldova in rolling out in 2023-2024 of the Program „Tackling the energy crisis in the Republic of Moldova”, proves the efficiency of partnership between other governmental and non-governmental institutions.

Goal: Insertion in the national curricula of subjects regarding the energy environmental problems and promoting a sustainable lifestyle

In 2023/2024 academic year was implemented the pilot -project „Verde Play”, 3 pillars of the Green Land project:

- Renewable Energy;
- Organic Agriculture;
- Circular Economy.

Recent reforms in the system in order to reach SDG 4



NETWORK

- University reform concerning consolidation of some institutions in the fields of education, research and innovation (GD No. 485/2022)
- Reform in VET: Centers of Excellence, as sectorial poles of leadership and exchange of best practices between sectoral committees and surrounded colleges and professionals schools
- Development and implementation of Dual Vet and Dual Higher Education
- Model Schools Network - pilot initiative setting up 35 modern model schools in each of the 35 districts: state-of-the-art infrastructure, highly qualified teachers, well-equipped labs and study halls

DIGITAL COMPETENCES

- Development of digital skills of students at all levels and adults
- Approval of Action Plan in the domain of digital education 2024-2027
- Approval of standards of digital competencies for general education teachers
 - Approval of standards of equipping of general education institutions with means of information technologies and the Internet (School equipping standards)
- Development of Digital teaching materials platforms
- Development and implementation of the National Register of Qualifications
- Management information systems
 - EMIS – Education Management Information System
 - HEMIS - Higher Education Management Information System
 - e-Admission Information System in HE
 - E-Admission Information System in VET

Programs in HE with modules integrating SDGs

Master degree programmes

Technical University of Moldova - Economics and policies for rural development, Agroecology, Project management in constructions, Hidroamelioration, Energy and environment studies, Electroenergetics, Energetics, Safety and ecology of transports, Agro-engineering, Sustainable road infrastructure, Conservative agriculture, Integral protection of agroecosystems, etc.

Moldova State University - Environmental management, Applied biological sciences, Molecular biology

STATE OF PLAY IN SDG IMPLEMENTATION IN NATIONAL EDUCATIONAL INITIATIVES VET, HIGHER EDUCATION, ADULT LEARNING



- Qualification standards developed for more than 300 programs in HE over the course of 2023-2024, VET Qualification Standards in the process of developing and approving;
- nomenclatures for professional field and specialties for HE & VET revised in 2024, with the inclusion of `green` specialties
- annual revision of discipline curricula in HE, universities collaborating with the labour market in the process
- energy efficiency projects in VET 7 HE, the goal of which is the refurbishment of most dormitories of institutions from an energy efficiency perspective
- The recently approved Regulation for adult learning embeds sustainable development principles, including the vocational training programs for adults (Energy and Electrical Engineering, use of green materials, waste and sustainable methods in construction and energy efficiency, Ecological compliance inspector, responsible for waste management)

DRAFT of the Concept of Education for Sustainable Development (CESD) in the Republic of Moldova

01	Curriculum development and revision	<ul style="list-style-type: none">- integrate sustainability concepts into existing programs across disciplines- develop interdisciplinary programs focused on ESD- active learning methods.
02	Enhancing dual education and training	<ul style="list-style-type: none">- reduce the mismatch between skills and labour market demands
03	Capacity Building and Teacher Training	<ul style="list-style-type: none">- Provide training for university faculties on integrating sustainability into teaching and research
04	Infrastructure of the educational institutions network	<ul style="list-style-type: none">- inclusion of SDGs in institutional management for all levels of education- energy efficient approaches to refurbishment and repair works to reduce longterm operating costs



THANK YOU!



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