NATIONAL OPEN SCIENCE PLAN

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
1. Ensuring open access to research results and scientific and technical information	(1) aligning legislation with the EU standards, in particular the Directives EU 2019/1024 and 2018/790, with regard to open access to publicly funded fundamental and applied research results and scientific and technical information and with regard to scientific and technical terminology alignment	Draft Law of Ukraine amending legislation on national open science policy submitted to the Verkhovna Rada	2024	Ministry of Education and Science, Ministry of Economy, National Academy of Sciences (upon agreement)
	(2) developing and adopting legislation for the mechanisms to register and index research, and design works and dissertations in a remote access electronic system	Decree of the Ministry of Education and Science 'Approving the Regulations for state registration and indexing of research and design works and dissertations'	2022	Ministry of Education and Science
	(3) preparing and disseminating methodological materials and consultancy support for higher	methodological materials disseminated to higher	2025	Ministry of Education and Science

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
	education and research institutions on developing and implementing open access strategies	education and research institutions; information and communication campaign carried out on open access strategies; open access strategies adopted by higher education and research institutions		National Academy of Sciences (upon agreement)
	(4) providing higher education and research institutions with access to international electronic databases of scientific information (patent and economic conjuncture databases, bibliographies, reference works, full text databases of scientific and technical information and research literature)	500 institutions gained access to scientific databases; institutions gained access to 15 scientific databases	annually	Ministry of Education and Science
	(5) recognition of the job profile of 'expert' in implementing open science and FAIR of research data management and designating a job title, required qualifications and professional standards	professional standard developed	2024	Ministry of Education and Science, Ministry of Economy, National Academy of Sciences

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
				(upon agreement)
	(6) encouraging the registration of Ukrainian academic journals in international databases of open access journals	40 new journals included in the Directory of Open Access Journals (DOAJ)	2024	Ministry of Education and Science, National Academy of Sciences (upon agreement)
	(7) ensuring state support for the development of the National Repository of Academic Texts, in particular integrating institutional repositories and ensuring their interoperability and integration with European counterparts	annual funding provided	annually	Ministry of Education and Science
	(8) developing a unified monitoring mechanism for the effectiveness of the implementation of open access principles by higher education and research institutions	Ukrainian Research Information System (URIS) contains information on open access monitoring	2026	Ministry of Education and Science, National Academy of Sciences (upon agreement), National specialised academies of science (upon agreement)

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
	(9) carrying out complex analysis of the legal basis for making monographs available in open access and issuing recommendations to this effect	recommendations issued on making monographs available in open access	2025	Ministry of Education and Science, National Academy of Sciences (upon agreement)
	(10) developing recommendations for the use of open content licences when making research results and technical information available online	recommendations developed on the use of open content licences when making research results and technical information available online in open access	2023	Ministry of Education and Science, National Academy of Sciences (upon agreement)
2. Ensuring open access to research infrastructure	(1) preparing recommendations under the support instrument for the development of research infrastructures	results of an independent audit of research infrastructures are publicly available	2023	Ministry of Education and Science
	(2) approval of a national policy on the development of e-infrastructures	approved by the Decree of the Cabinet of Ministers	2026	Ministry of Education and Science, National Academy of Sciences (upon agreement)

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
3. Creating the conditions for effective work with scientific and technical information and research infrastructures in open access	(1) aligning legislation with the EU standards regarding the principles of FAIR research data management and FAIR data use and reuse in publicly funded research	Draft Law of Ukraine amending legislation on national open science policy submitted to the Verkhovna Rada	2026	Ministry of Education and Science, National Academy of Sciences (upon agreement)
	(2) preparing and disseminating methodological materials and consultancy support for higher education and research institutions on efficient research data management strategies	methodological materials disseminated to higher education and research institutions; information and communication campaign carried out on the efficient research data management	2023	Ministry of Education and Science, National Academy of Sciences (upon agreement)
	(3) developing organisational and financial mechanisms for creating and supporting national, thematic (branch) and institutional research data repositories	three institutional research data repositories created; corresponding Decree of the Cabinet of Ministers of Ukraine prepared	2025	—"—

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	(4) ensuring the standardisation and certification of research data repositories in international data systems	number of Ukrainian research data repositories that received certification in international data systems (DSA, WDS, etc.)	2030	—"—
	(5) developing a unified monitoring mechanism for the effective implementation of FAIR research data management and FAIR research data	Ukrainian Research Information System (URIS) contains information on open access monitoring	2028	Ministry of Education and Science
	(6) ensuring shared use of data with the EU countries, in particular through integration into the European data space	integration into the European data space, in particular through agreements (memoranda) on the shared use of data with EU Member States	2030	Ministry of Education and Science, Ministry of Digital Transformation, Ministry of Health, Ministry of Environmental Protection and Natural Resources, National Academy of Sciences (upon agreement)

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
	(7) creating a single database for the results of scientific and technical activity	database created for the results of scientific and technical activity in the Ukrainian Research Information System (URIS)	2025	Ministry of Education and Science
	(8) developing partnerships between Ukrainian institutions and organisations and the European Open Science Cloud, in particular under the Horizon Europe programme	five Ukrainian organisations signed project agreements within the Horizon Europe programme	2030	Ministry of Education and Science, National Academy of Sciences (upon agreement)
4. Popularisation of science, disseminating scientific knowledge and encouraging citizens to participate in scientific and technical activity	(1) developing and implementing an action plan to popularise science based on international experience, in particular the principles of the European Citizen Science Association (ECSA)	Decree of the Ministry of Education and Science prepared; action plan implemented	2024 2030	Ministry of Education and Science, National Academy of Sciences (upon agreement), National specialised academies of science (upon agreement)

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
	(2) carrying out information and communications campaigns to popularise scientific discoveries among the population and providing information regarding the use of scientific discoveries in professional and everyday life	information and communications campaigns implemented	annually	Ministry of Education and Science, Ministry of Economy, Ministry of Culture and Information Policy, National Academy of Sciences (upon agreement), National specialised academies of science (upon agreement)
5. Improving research assessment and scientific and technical activities quality evaluation	(1) improving the criteria for state accreditation of higher education and research institutions, preparing recommendations for higher education and research institutions to improve institutional policies for evaluating scientific and teaching staff based on the San Francisco Declaration on Research Assessment (DORA) and the Open Science	amendments made to the methodology for state accreditation of higher education institutions with regard to scientific and technical activity and to the methodology for state accreditation of research institutions;	2023	Ministry of Education and Science, National Academy of Sciences (upon agreement)

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
	Career Assessment Matrix (OSCAM)	recommendations approved for higher education and research institutions regarding institutional policies for evaluating scientific and teaching staff based on the San Francisco Declaration on Research Assessment (DORA)		
6. Awareness raising and capacity building on open science skills and competencies	(1) developing and implementing a training programme to enhance open science skills and competencies and evaluating distance learning courses (lifelong learning); making distance learning courses available on information and telecommunication system	training programmes approved, distance learning course developed and evaluated; distance learning courses are available on information and telecommunication system and rolled out	2023	Ministry of Education and Science
	(2) developing and implementing a training programme to build research data management capacities and evaluating distance learning courses	training programmes approved, distance learning course developed and evaluated;	2027	—"—

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
	(lifelong learning); making distance learning courses available on information and telecommunication system	distance learning courses are available on an information and telecommunication system and rolled out		
	(3) preparing and disseminating informational materials regarding the work of open science and FAIR research data management experts in higher education and research institutions	methodological materials developed and disseminated	2026	—"—
	(4) carrying out information and communication campaigns regarding the work of open science and FAIR research data experts les) in higher education and research institutions	information and communication campaign carried out; ten educational programmes build skills and competencies for open science and FAIR research data experts	annually	Ministry of Education and Science, National Academy of Sciences (upon agreement)
	(5) creating competence centres for FAIR research data use and reuse in higher education and research institutions	Decree of the Ministry of Education and Science prepared; resolution of the Board of the National Academy of Sciences prepared;	2030	Ministry of Education and Science, National Academy of Sciences (upon agreement)

Objectives	Activities	Indicators of implementation	Timeline	Responsible organizations
		ten competence centres set up for the use and reuse of FAIR research data		

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