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**Workshop: «Blue economy strategy for
the Black Sea: Ukrainian contribution»**

SCIENCE AND INNOVATION AS A KEY FACTOR OF THE BLACK SEA COOPERATION

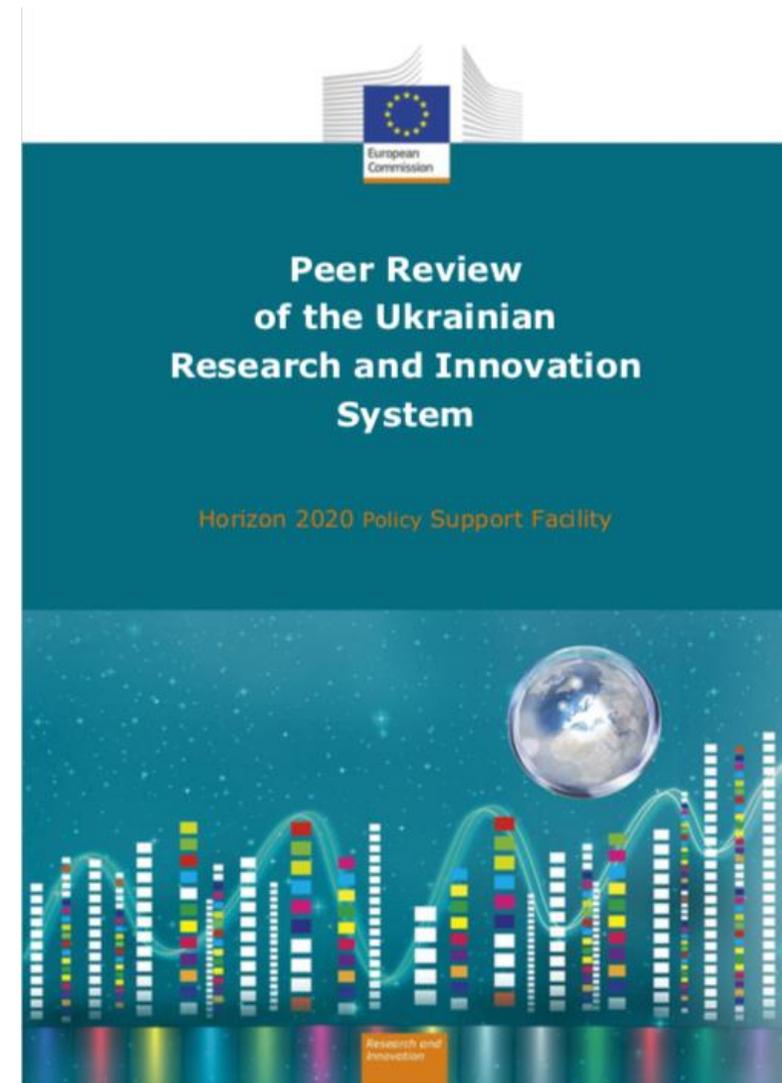
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Update on R&I reforms in Ukraine

- ◆ Peer Review of Ukrainian R&I System (2016)
- ◆ Policy Support Facility Instrument under H2020
- ◆ Designed by independent experts from the EU
- ◆ Based on consultations with UA stakeholders
- ◆ Contains 30 detailed recommendations



Improving institutional capacity

- **establishment of the National Council on Science and Technology Development**

take part at drafting legislation in R&I sector
strong advisory body

- **structural subdivision in the MESU, responsible for ERA**

expert group on integration into ERA
build-up ERA integration policy in Ukraine

Setting up competitive research funding mechanism

- **National Research Foundation of Ukraine (NRFU)**

potential change-maker in funding research projects

provide grant support for fundamental and excellence research in various thematic areas

carried out first 5 calls from 2020

Enhancing research activities in HEIs

- **new mechanism of distribution state funding for Higher Education Institutions**

set of specific indicators (e.g. international ratings, share of expenses for R&I, regional coefficient, links with private sector)

- **monitoring R&I activities in the universities**

state assessment of R&I activities in Higher Education Institutions in 2020

- **increasing autonomy of HEIs**

Law of Ukraine On Higher Education – HEIs are able to attract funding from the third parties

Conductive framework for innovation-driven economy

Recent activities include

- approved National Strategy on Innovation Development until 2030
- setting up the system of innovation priorities based on SDG
- launch of online platform for communication between researches and private sector «Science for Business» (S2BMM)
- current focus on Open Innovation concept and Smart Specialization approach
- improving current legislation:

Law of Ukraine On stimulation transfer technology

Law of Ukraine On intensification science parks activities

Law of Ukraine On the support of the innovation activities

Integration into European Research Area

Updated Ukrainian ERA Roadmap was approved in the beginning of 2021 (by Decree of the MESU)

Key achievements in 2021

- signed EU-Ukraine agreement on Ukraine's participation in Horizon Europe and Euratom
- launch of call for projects under the external assistance instrument of the European Union (EUR 10 million)
- approved Concept of the State Program on Research Infrastructure Development in Ukraine until 2026
- launching Peer Review on Research Infrastructure in Ukraine under PSF instrument of Horizon Europe Framework Program (kick-off event in December 2021)
- launch of the working group on development of the National Plan for Open Science (National Plan to be approved in the beginning of 2022)

Integration into European Research Area

Priority objectives for implementation of the ERA Roadmap in 2021-2022

- active participation in ERAC and its subgroups
- defining financial and legal mechanisms for joining Ukrainian research infrastructures to European research infrastructure consortia (ERIC)
- development of the National Open Science Cloud Initiative for further integration into European Open Science Cloud (EOSC)
- joining to the R&I Partnerships

Integration into European Research Area

Priority objectives of ERA Roadmap for 2021-2022

- ensure the development of infrastructural support for participation in Horizon Europe:
 - opening of the Horizon Europe Coordination Center
 - launch of the national portal of the Horizon Europe
 - conducting trainings for the network of the National Contact Points
 - carry out «bootcamps» for potential grantees for writing proposals and partner search under Horizon Europe

Participation in the Common Maritime Agenda for the Black Sea

CMA is a strategic reference framework in the Black Sea to support green, smart and resilient transformation of blue economy sectors

Black Sea Strategic Research and Innovation Agenda (SRIA) is a component of CMA

- MESU is a central executive body, responsible for the implementation of CMA and SRIA in Ukraine
- 11 November 2020, the Government approved the establishment of an interagency working group on implementation of CMA and SRIA

Participation in the Common Maritime Agenda for the Black Sea

Potential ways to support Black Sea development by R&I

- supporting «green projects» in Ukraine through national competitive funding mechanisms (National Research Foundation, Ukrainian Startup Fund, etc.)
- investing in the maritime research infrastructure
- popularization and promotion of the Blue Economy concept among Higher Education Institutions and research institutions

Participation in the Common Maritime Agenda for the Black Sea

Potential ways of intensification of R&I cooperation in the Black Sea

- launch of international research mobility programs between HEIs, research institutions in the Black Sea region
- targeted support for joint research infrastructure development, including e-infrastructure
- implementation of joint projects under «green calls» of Horizon Europe
- stimulation of transfer technology and spillover of innovative ideas in the region through joint events, workshops, training programs for startups, researches, etc
- expansion of the existing bilateral agreements on research and technical cooperation between the countries of the Black Sea Basin



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Thank you for your attention!

