



Ukrainian science during the war: update and needs

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Integration to ERA and support from EU

- **Done:** Ratification of the Agreement on participation in the Horizon Europe and Euratom programs (May 2022):
 - 69 projects of Ukrainian teams underway
- **Planned:** Launch of the Office of the Horizon Europe program (July 2023)
- **In progress:** Approval of the Regulation on the functioning of the National Contact Points and the Coordination Center of the Horizon Europe program
- **Support:** Marie Skłodowska Curie Action for Ukraine (MSCA4Ukraine): 124 Ukrainian scientists receiving support, ERA4Ukraine portal opportunities, active horizontal collaboration with European universities and research teams

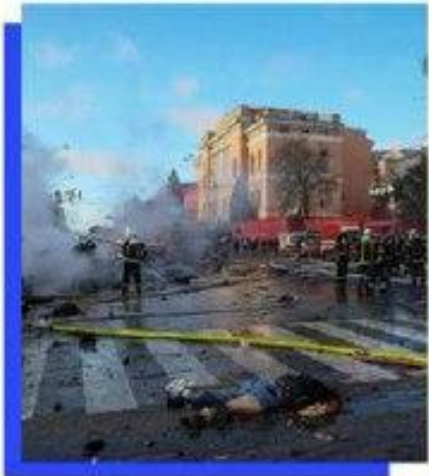
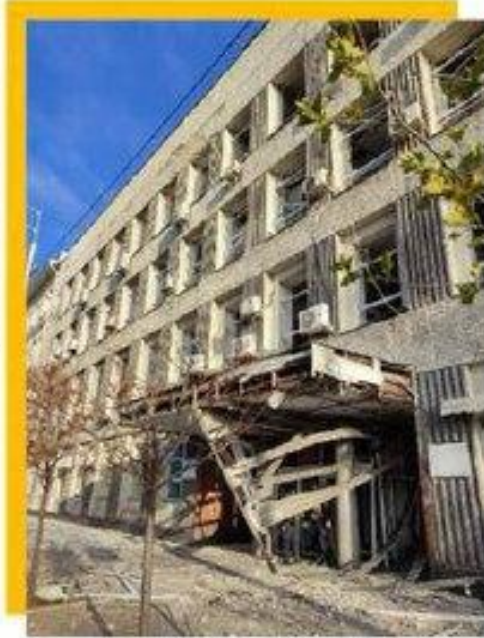


Impact of the War on Research and Innovation

- **Damage to research institutions and higher education institutions (as of Feb 10, 2023):**
 - out of overall 355 research institutions and HEIs:
 - completely destroyed - 4 (1%); occupied with no data available - 11 (3%) and partially damaged - 116 (33%),
 - Losses in research infrastructure in Crimea and occupied Donetsk and Luhansk regions since 2014.
- **Displacement and relocation of researchers**
 - 1,281 researchers moved to other countries or are internally displaced,
 - in April-May 2022 86% of Ukrainian researchers remained in Ukraine, in October-November - 91% (survey of Ua.Science.Reload).
- **Budget cuts** (NRFU without funding in 2022, decrease of salaries etc.)



Impact of the War on Research and Innovation



Damaged building of the Ministry of Education and Science of Ukraine after massive missile strikes on October, 10, 2022

- **Preservation of human capital:**
 - remote personal and project funding,
 - merit-based individual stipends,
 - non-research projects,
 - support for up to 10,000 researchers.

- **Development of human capital:**
 - hybrid and remote educational programs,
 - experience-sharing initiatives,
 - funding local rebuilding knowledge-intensive efforts (incl. S3).

- **Research infrastructure development:**
 - training individuals to manage research infrastructures,
 - supporting researchers in using EU facilities,
 - investing in RI development in western and central regions of Ukraine,
 - PSF-like instruments for mapping damaged infrastructure and planning future development.
- **Support of policy making and reforms:**
- assistance in developing and implementing science and innovation policy, integrating into the ERA,
- capacity building for faster and better progress.



**Thank you
for your attention!**