Led by Ukrainian astronomers



Ukrainian astronomers lead the recovery projects, and these projects include all major astronomical institutions in Ukraine.

Kyiv

Main Astronomical Observatory, NAS of Ukraine

Taras Shevchenko National University of Kyiv
Astronomical Observatory; Department of Astronomy and Space Physics

Kharkiv

Institute of Radio Astronomy, NAS of Ukraine

V. N. Karazin Kharkiv National University
Research Institute of Astronomy; Department of Astronomy and Space Informatics

Lviv

Ivan Franko National University of Lviv
Astronomical Observatory; Astrophysics Department

Lviv Polytechnic National University
Astronomical Observatory; Department of Higher Geodesy and Astronomy

Odesa

Odesa I. I. Mechnikov National University
Astronomical Observatory; Department of Physics and Astronomy

Read the plan. Tell us what you think.

It is an open, evolving document, and your input will help shape the next revision.

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INITIATIVE SUPPORTED BY

ASTRON · ASTRONET · DESY. · DZA Deutsches Zentrum Astrophysik · LOFAR ERIC · Ukrainian Science Diaspora

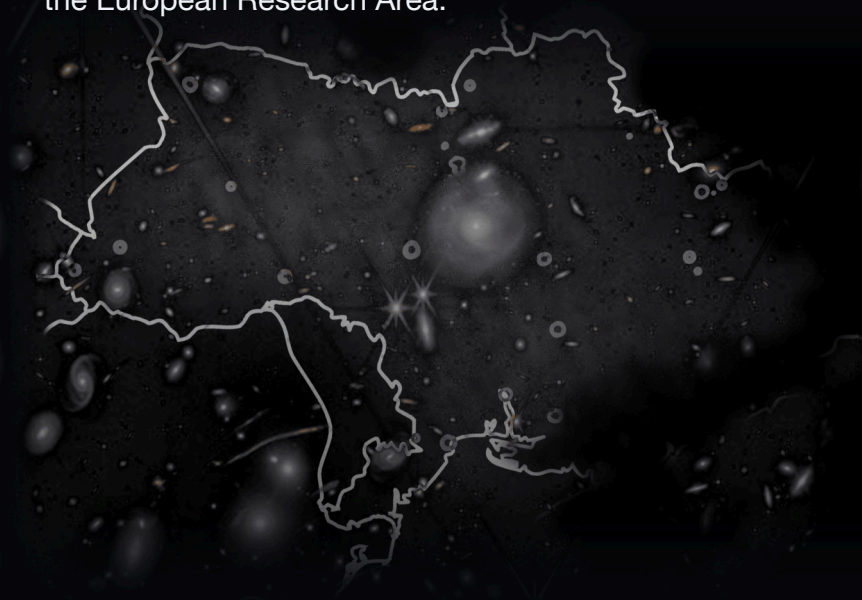
Contact: Pavlo Plotko, International Scientific Affairs, German Centre for Astrophysics (DZA), pavlo.plotko@dzastro.de

Cover photo: Anastasiia Nahurna. Figures from the Recovery Plan for Ukrainian Astronomy.

COMMUNITY INITIATIVE

Saving Astronomy in Ukraine

Rebuilding Ukrainian astronomy and integrating it into the European Research Area.



The Recovery Plan for Ukrainian Astronomy

First version, a shared vision of the community

uastro.eu

Science has not stopped

Ukrainian astronomy has a history of more than two hundred years and is one of the most internationally recognised branches of Ukrainian science. It is home to UTR-2, the world's largest decametric radio telescope, and to strong schools in comets, astrometry, stellar physics and cosmology.

The full-scale invasion has hit its people and its instruments hard. Its community has kept working all the same.

12 to 44%
fewer scientific personnel, depending on the institution

41%
drop in the proportion of young scientists

16 of 17
buildings significantly damaged at the Braude Observatory, site of UTR-2

800+
scientific papers published by Ukrainian astronomers, 2020 to 2025

A first version and a shared vision

Developed by the Ukrainian astronomical community, the Recovery Plan sets out a long-term direction for the field. Rather than restoring only what was lost, it treats recovery as a chance to build a more modern, internationally connected and resilient astronomy.

COORDINATORS OF THE INITIATIVE

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Kateryna Frantseva, Ammodo Foundation, The Netherlands
Pavlo Plotko, German Centre for Astrophysics (DZA), Germany
Iurii Sushch, CIEMAT, Spain / Ivan Franko National University of Lviv, Ukraine

> *The sky does not wait. And neither does Ukrainian astronomy.*

Five directions of the recovery

1 **Human Capital and Scientific Networks**
Supporting researchers and students and reconnecting them with international networks.

2 **Scientific and Research Infrastructure**
Restoring and modernising observatories, instruments and shared data facilities.

3 **Innovation and Economic Development**
Turning astronomical research into technology, skills and economic value.

4 **Education and Public Engagement**
Inspiring the next generation and sharing astronomy with the public.

5 **Implementation, Governance and European Interface**
A standing advisory board bridging the Ukrainian community and European partners.

Five simple actions to start

- Fund access to scientific journals and databases for Ukrainian institutions.
- Include Ukrainian groups in consortia of large missions and telescope networks.
- Support joint PhD and postdoctoral programmes that make return to Ukraine a real option.
- Jointly organise training schools and educational programmes.
- Advocate at ESA and Horizon Europe for including Ukraine in relevant programmes.