



INSTITUTE OF RENEWABLE ENERGY OF THE NATIONAL ACADEMY OF SCIENCES OF UKRAINE (IRE NASU)

*Leading Ukrainian research centre
in renewable energy (established in 2003)*

ABOUT US

Our activity focuses on conducting scientific, technical and policy-oriented studies to enable the transition to renewable energy. This contributes to the development of reliable, resilient and environmentally safe energy systems in Ukraine and abroad.

FIELDS OF EXPERTISE

- Solar energy
- Wind energy
- Green hydrogen
- Hydropower energy
- Geothermal energy
- Biomass energy
- Energy storage
- Integrated power systems



LOCATION

Country: Ukraine
City: Kyiv
Address: 50 Metrolohichna Str

CONTACT

Email: renewable@ukr.net
Telephone: +38 (044) 206-28-09
Site: <https://www.ive.org.ua/>

SELECTED INTERNATIONAL PROJECTS



**RENEWABLE ENERGY FOR BOLSTERING
UKRAINE'S INFRASTRUCTURE BY
LEARNING AND DESIGN (REBUILD)**
Partners from the USA and Lithuania.



SUSTAINABLE ENERGY SYSTEMS OF UKRAINE

Partners from Sweden.



GERMAN-UKRAINIAN SCIENTIFIC COOPERATION ON GREEN HYDROGEN CERTIFICATION

Partners from Germany.



IMPROVING ENERGY EFFICIENCY AND PROMOTING THE USE OF RENEWABLE ENERGY IN THE AGRO-FOOD SECTOR AND OTHER SMALL AND MEDIUM-SIZED ENTERPRISES (SMEs) IN UKRAINE

*Supported by the United
Nations Industrial
Development Organization
(UNIDO) and the Global
Environment Facility (GEF).*



LOOKING FOR PARTNERS:

EU ACADEMIC: To join existing consortia & planned joint research.



INDUSTRY: To host our experts for **Secondments** (fully funded).



GLOBAL: For Academic-to-Academic exchange opportunities.

COOPERATION OFFER: Systems & Infrastructure



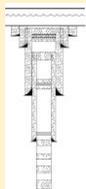
Green Hydrogen: Production, storage technologies, and infrastructure integration.



Resilient Energy Systems: Microgrids, energy storage, and post-war recovery strategies.



Smart Grids: Digital twins and hybrid RES systems (Solar/Wind + Storage).



Geothermal – Well Retrofitting: Repurposing of abandoned oil & gas wells into geothermal energy sources.



Building Energy Efficiency & HVAC: Retrofit designs for Nearly-Zero Energy Buildings (NZEB).

COOPERATION OFFER: Generation Sources

- **Mobile Solar PV:** Mobile power stations for rapid deployment and critical infrastructure support.
- **Wind Energy:** Advanced wind farm site selection based on a combined analysis of meteorological and topographical data using GIS technologies.
- **Heat Pumps:** High-efficiency heat pump systems for heating and cooling.
- **Small Hydropower:** Development and modernization of small-scale hydro generation.
- **Biomass & Biofuels:** Improving the production process of biogas/biomethane; efficient use of solid biofuels in bioenergy plants.