Regional Advisory Services in support of sustainable energy in the UNECE region

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Selected Areas of Work

ECE/ENERGY/2022/5 – Report on regional advisory services in sustainable energy

- Energy Efficiency
- Renewable Energy
- Sustainable Resource Management
- Carbon Neutrality
- Energy Transition
Energy Efficiency

- Project **Enhancing national capacities to develop and implement energy efficiency standards for buildings in the UNECE region – completed** (regional Gap Analysis, national studies for Armenia, Kyrgyzstan, and Republic of Moldova, collaborative environment for experts, workshops and trainings, and impact study):
  
  https://unece.org/sustainable-energy/regional-advisory-services/about-project
Energy Efficiency (cont.)

- Study *Potential for Improving Industrial Energy Efficiency in Kazakhstan and Ukraine* - completed
- Study *Potential for improving energy efficiency in refrigeration and air-conditioning sector of Uzbekistan* (in cooperation with UNDP) - completed
- Project *Improving the energy efficiency of the global building supply chain industry and its products to deliver high performance buildings* - planned
  - Beneficiary countries: Armenia, Georgia, Kyrgyzstan, Republic of Moldova, Tajikistan, Ukraine, and Uzbekistan
Energy Efficiency (cont.)

- Project **Strengthening Georgia’s food and energy resilience** (joint project with UNDP, FAO, and ILO) - on-going

- Project **UN4Kharkiv: Integrated Rehabilitation of Settlements (Territories) in Ukraine with a pilot project in the City of Kharkiv** (led by UNECE Housing and Land Management Unit) - on-going
Energy Efficiency and Renewable Energy

- Guidelines and Best Practices for MSMEs in delivering energy efficient products and in providing renewable energy equipment: [https://unece.org/sustainable-energy/regional-advisory-services/un-development-account-project](https://unece.org/sustainable-energy/regional-advisory-services/un-development-account-project)
- Initial and Updated Regional reports and customized Guidelines for Georgia and North Macedonia, Albania, Armenia, Kyrgyzstan, and Republic of Moldova and regional and national training workshops
Energy Efficiency and Renewable Energy

- Project **Strengthening energy policies of Countries with Special Needs to build back better from COVID-19 - on-going** (joint UNDA project led by ESCAP)
  - Development of national SDG 7 Roadmaps
  - Identification of nationally relevant mechanisms to attract investment in the priority areas identified by the roadmaps
    - Beneficiary countries in the UNECE region: Armenia, Kazakhstan, and Uzbekistan
Energy Efficiency and Renewable Energy

- Project **Green Finance Facility to improve air quality and combat climate change in North Macedonia - on-going** (joint project with UNDP and IOM and with support of EBRD)
- Improving national capacity on renewable energy (RE) and energy efficiency (EE) technologies for small and medium enterprises (SMEs) and households in North Macedonia
Getting Renewables Right
Decarbonization; Green Jobs; Energy Access
Renewable Energy


- Online **Training Course on Renewable Energy** - organized jointly with MASHAV and the Arava Institute for Environmental Studies (Israel), https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/events/363401
Project Addressing the compounded food and energy crisis in Ukraine through innovative technologies and adaptive agricultural practices (joint project with FAO and UNEP) - planned
Resources for Sustainable Development

Rewriting the resource management narrative

UN Resource Management System (UNRMS) focuses on progression of resource projects, social acceptability and investment readiness.
Sustainable Resource Management

- Under project *Global Initiative towards post-COVID-19 resurgence of the MSMEs sector (completed)*: [https://msme-resurgence.unctad.org/](https://msme-resurgence.unctad.org/)
- Regional report and customized Guidelines for Tajikistan, Ukraine, Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, and Serbia
Sustainable Resource Management (cont.)

  (studies, workshops, trainings)
- Beneficiary countries: Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, Serbia, Tajikistan and Ukraine
Project **UNECE early development response: reconstruction of Ukraine – restoring connectivity and rebuilding infrastructure** (joint with Transport, Statistics, and ECID) - **on-going**

- Rebuilding the energy system in Ukraine under the carbon neutrality and just transition concepts
• Study **Assessment of Geothermal Energy Resources in Albania** – planned

• Study on **Analysis of the local geological and mining conditions and Development of technical, principle-based guidelines for efficient, safe, and environmentally conscious mine closure in Albania and Serbia** – planned

• Study on **In-depth analysis of the dynamics of coal demand in Tajikistan until 2050** - planned
Energy Transition and Women

- Case studies of Albania, Belarus, Ukraine, United Kingdom, and Uzbekistan
Cooperation within an outside UNECE

- Workshop on Sustainable Energy Policies and Implementation of National Sustainable Energy Action Plans (with ESCAP, online)
  https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/events/361609

- Conference Unveiling Market Opportunities for Boosting Residential Energy Efficiency and Alleviating Energy Poverty (with UNDP and Habitat for Humanity, Yerevan)
  https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/events/365074

- Side event at Global South-South Development Expo 2022 Overcoming Challenges and Exploring Opportunities for Sustainable Energy Transition through South-South Cooperation (with ESCAP and ESCWA, Bangkok)
  https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/events/370052
Cooperation within an outside UNECE (cont.)

• Eleventh International Forum on Energy for Sustainable Development (September-November 2021, with UN Regional Commissions, UNDP, UNEP and other international organizations) [https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/events/18677](https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/events/18677)

• Twelfth International Forum on Energy for Sustainable Development (September-November 2022, with UN Regional Commissions, UNDP, UNEP and other international organizations)
Thank you!

https://unece.org/sustainable-energy/regional-advisory-services

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