

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

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SUSTAINABLE ENERGY

WEEK 2023

BUILDING RESILIENT ENERGY SYSTEMS



UNECE

Selected Areas of Work



ECE/ENERGY/2023/4 – [Report on regional advisory services in sustainable energy](#)

- Energy Efficiency
- Renewable Energy
- Sustainable Resource Management
- Carbon Neutrality
- Energy Resilience
- Just Transition
- Cross-sectoral



Projects (XB - 4, UNDA - 1, RPTC - 4): 9

- Completed: 4
- In progress: 5

Total funding for UNECE (RPTC – SED only): ~USD 840,000

New project proposals submitted: 5

Studies (RPTC): 6 (4 completed)

Workshops: 14 (6 more planned in 2023)

Advisory missions: 6 (3 more planned in 2023)



1. Project: *Improving the energy efficiency of the global building supply chain industry and its products to deliver high performance buildings* (preparation phase on-going)

- Beneficiary countries: Armenia, Georgia, Kyrgyzstan, Republic of Moldova, Tajikistan, Ukraine, and Uzbekistan
- Implementing partners for the preparation phase: UNDP country offices in the beneficiary countries, UNEP, and ESCAP. UNEP-CCC, PHI, EEP, and GBA also implementing partners for the main phase



2. **Project: *Strengthening Georgia's food and energy resilience***
(joint project with UNDP, FAO, and ILO) – **completed**

3. **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) – **completed**

Energy Efficiency Project Proposals



1. Project proposal: Sustainable Financial Facility for Energy-Efficient Restoration of Ukraine (joint proposal with UNDP)

2. Project proposal: Revitalizing Education in Uzbekistan: Standard Model Schools and Ecosystem for Quality, Equity, and Sustainability (joint proposal with UNDP, UNOPS, ITU, and ILO; internally with the Environment Division)

Energy Efficiency and Renewable Energy



1. Project: *Strengthening energy policies of Countries with Special Needs to build back better from COVID-19 - on-going* (joint UNDA project led by ESCAP)

- Beneficiary countries in the UNECE region: Armenia, Kazakhstan, and Uzbekistan
 - National stakeholder consultation workshops held in Yerevan, Astana, and Tashkent in November 2022 – February 2023
 - Collection of data for developing SDG7 Roadmaps is close to completion
 - SDG7 Roadmaps under development
 - Inter-regional seminar "***Sharing lessons learned and best practices from the development of SDG 7 Roadmaps***" is planned on 8 November 2023 at the Almaty Energy Forum

Energy Efficiency and Renewable Energy



2. 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

Energy Efficiency and Renewable Energy



- **Study: *Guide for the implementation of energy efficiency measures and the valorization of renewable energy sources for public sector buildings* – close to completion (requested by the Government of the Republic of Moldova)**



1. Project: Addressing the compounded food and energy crisis in Ukraine through innovative technologies and adaptive agricultural practices (joint project with FAO and UNEP) – **completed**

Renewable Energy



- Study: [Support for energy crops along roads and highways in Ukraine](#) – completed (requested by the Government of Ukraine)
- ***Capacity-building workshop on the use of renewable energy in transport*** – planned on 21 November 2023 (joint with Sustainable Transport Division) (requested by the Government of Georgia)

Renewable Energy Project Proposals



1. Project proposal: **SunPower: Advancing low-income Communities with Solar Energy and Municipality EV Integration** (joint proposal with UNDP) (beneficiary Montenegro)
2. Project proposal: **Energy for Food (E4F): Wholesale Transformation of the Agri-Food System to Reduce GHG Emissions** (joint proposal with FAO and UNEP) (beneficiary Ukraine)
3. Project proposal: **Scaling up rural renewable energy use in the UNECE and ESCWA regions to address the ongoing energy crisis and strengthen energy resilience** (joint proposal with ESCWA) (seven beneficiary countries; UNECE member States Albania, Georgia, North Macedonia, and Republic of Moldova)

Sustainable Resource Management and Renewable Energy



- Report on [Assessment of the Geothermal Resources of Albania](#) – **completed**: (requested by the Government of Albania)

Sustainable Resource Management



- ***Capacity-building workshop on the United Nations Framework Classification on Resources (UNFC)*** – planned on 11-12 October 2023 in Tbilisi (requested by the Government of Georgia)

Carbon Neutrality, Sustainable Resource Management, and Just Transition



1. Project: ***UNECE early development response: reconstruction of Ukraine – restoring connectivity and rebuilding infrastructure*** (joint with Transport, Statistics, and ECID) – **completed**
- [Rebuilding Ukraine with a Resilient, Carbon-Neutral Energy System](#)

Just Transition



- Study: *Technical, principle-based guidelines for designing and implementing a programme for efficient, safe and environmentally conscious mine closure in Albania and Serbia* – completed (requested by Governments of Albania and Serbia)
- Study: *In-depth analysis of the dynamics of coal demand in Tajikistan until 2050* – completed (requested by Government of Tajikistan)



1. Project ***Mapping Albania's readiness for green and just transition in post-coal mining areas*** – in progress (requested by the Government of Albania)

Green Transformation and Energy Resilience



1. **Project: *Enhancing the implementation of the UNECE tools for promoting green transformation and resilient energy systems in the Republic of Moldova*** (joint with Environment and Sustainable Transport) – in progress (requested by the Government of the Republic of Moldova)

Thank you!

[UNECE Regional Advisory Services](#)

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