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

Oleg Dzioubinski, Regional Adviser, Sustainable Energy Division
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
Summary

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
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)
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
• **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
• **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)


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)

• Rebuilding Ukraine with a Resilient, Carbon-Neutral Energy System
• 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)
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
Oleg Dzioubinski
Regional Adviser
UNECE Sustainable Energy Division
oleg.dzioubinski@un.org