



ENERGY



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



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# Selected Areas of Work

## ENERGY



ECE/ENERGY/2022/5 – [Report on regional advisory services in sustainable energy](#)

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



- 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.)

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- 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.)

### ENERGY



- 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

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- Under project **Global Initiative towards post-COVID-19 resurgence of the MSMEs sector (completed)**: <https://msme-resurgence.unctad.org/>
- 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>
- 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

## 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

## 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

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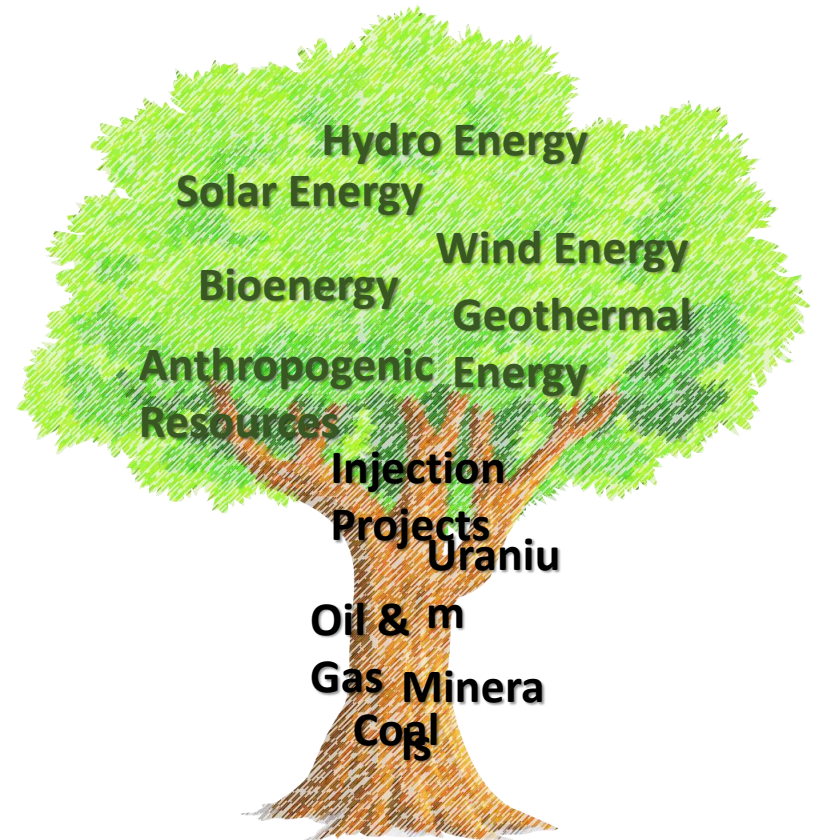
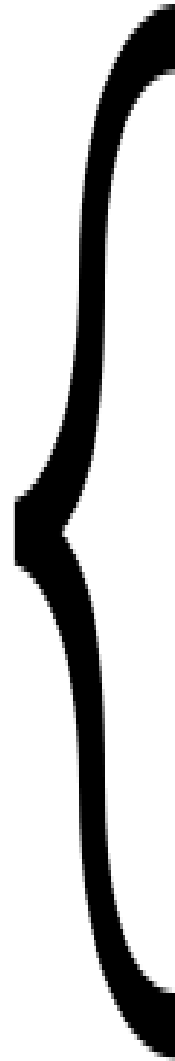
- Study ***Renewable Energy Financing and Investment in Albania, Georgia, Kazakhstan and Serbia*** - completed, [https://unece.org/sites/default/files/2021-09/RPTC\\_Report\\_1.pdf](https://unece.org/sites/default/files/2021-09/RPTC_Report_1.pdf)
- Online **Training Course on Renewable Energy** - organized 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

## ENERGY



- Under project ***Global Initiative towards post-COVID-19 resurgence of the MSMEs sector (completed)***: <https://msme-resurgence.unctad.org/>
- Guidelines and best practices for MSMEs to assure resiliency and progress towards a circular economy in sustainable resource management and critical raw material supply chain solutions: <https://unece.org/sustainable-energy/regional-advisory-services/un-development-account-project>
  - Regional report and customized Guidelines for Tajikistan, Ukraine, Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, and Serbia

# Sustainable Resource Management (cont.)

## ENERGY



- Project *Integrated energy and water resource management in support of sustainable development in South-East Europe and Central Asia* – completed, <https://unece.org/integrated-energy-and-water-resource-management-project-0> (studies, workshops, trainings)
  - Beneficiary countries: Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, Serbia, Tajikistan and Ukraine

# Carbon Neutrality, Sustainable Resource Management, and Just Transition

## ENERGY



- 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

# Sustainable Resource Management, Renewable Energy, and Just Transition

## ENERGY



- 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

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- Study ***Energy Transition and Post-Covid-19 Socio-economic Recovery: Role of Women and Impact on Them*** – completed, [https://unece.org/sites/default/files/2022-01/Energy-Transition\\_Role-of-women-in-Post-COVID19.pdf](https://unece.org/sites/default/files/2022-01/Energy-Transition_Role-of-women-in-Post-COVID19.pdf)
  - Case studies of Albania, Belarus, Ukraine, United Kingdom, and Uzbekistan

# Cooperation within an outside UNECE

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- 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.)



## ENERGY

- **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>
- **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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