



ENERGY



UNECE support to member States in promoting sustainable energy policies and measures



Oleg Dzioubinski, Regional Adviser, Sustainable Energy Division
Workshop on Sustainable Energy Policies and Implementation of National Sustainable Energy Action Plans

Geneva and Bangkok online, 17 November 2021

Selected Areas of Work

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- Energy Efficiency
- Renewable Energy
- Sustainable Resource Management
- Carbon Neutrality
- Energy and MSMEs
- Energy and Women



- **Project Enhancing national capacities to develop and implement energy efficiency standards for buildings in the UNECE region** (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>

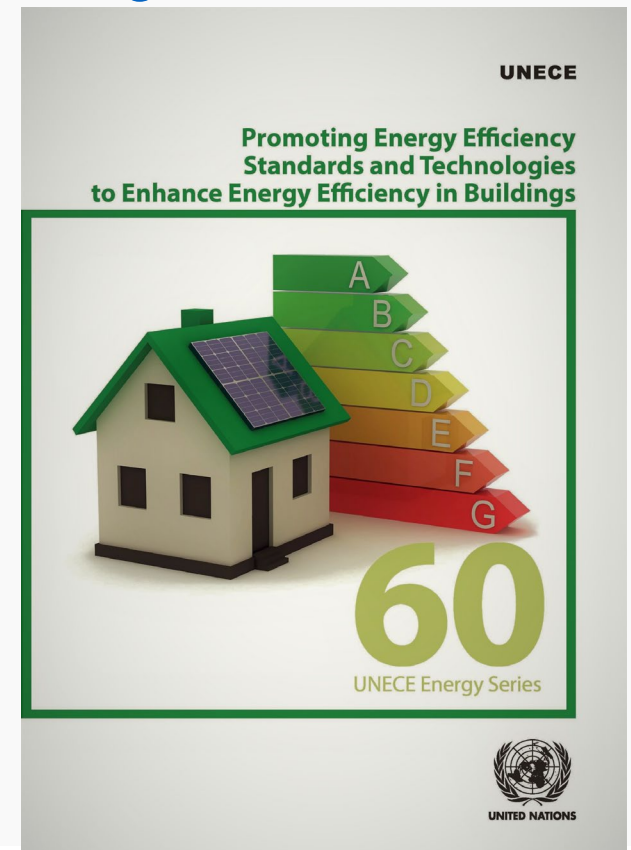
Energy Efficiency (cont.)

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Publication website: <https://unece.org/info/Sustainable-Energy/pub/2752>

Under Joint Task Force on Energy Efficiency Standards in Buildings



Energy Efficiency (cont.)

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- **Study Potential for Improving Industrial Energy Efficiency in Kazakhstan and Ukraine (work-in-progress)**
- **Study Potential for improving energy efficiency in refrigeration and air-conditioning sector of Uzbekistan (work-in-progress)**
- **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 and Renewable Energy

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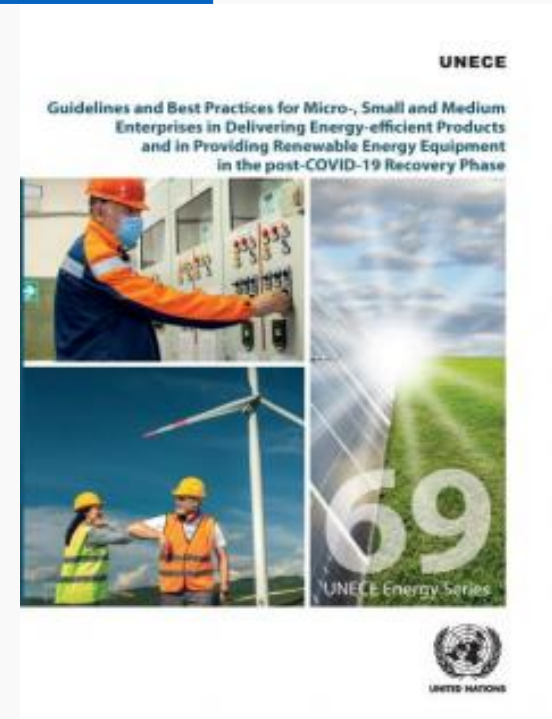
- Under project **Global Initiative towards post-COVID-19 resurgence of the MSMEs sector**:
<https://msme-resurgence.unctad.org/>
- Guidelines and Best Practices for MSMEs in delivering energy efficient products and in providing renewable energy equipment:
<https://unece.org/sustainable-energy/regional-advisory-services/un-development-account-project>
- Regional report and customized Guidelines for Georgia and North Macedonia (completed + training workshops), Albania and Kyrgyzstan (completed) and for Armenia and Republic of Moldova (work-in-progress); updated Regional report (completed)

Energy Efficiency and Renewable Energy (cont.)

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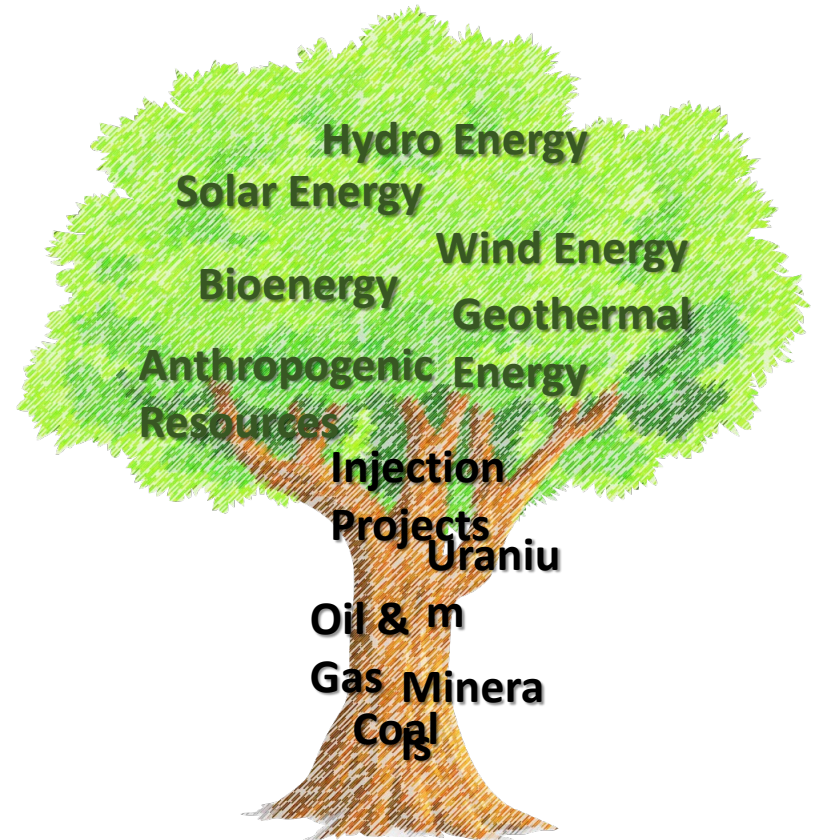
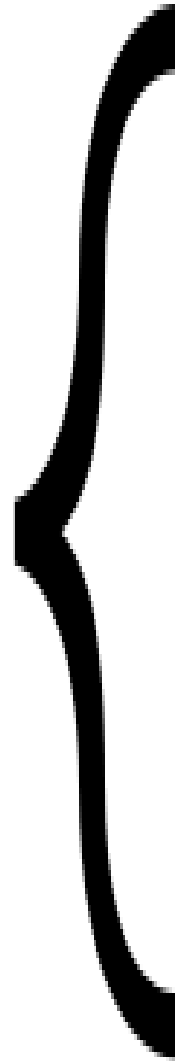


Publication website: <https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/pub/351153>



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

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- Under project **Global Initiative towards post-COVID-19 resurgence of the MSMEs sector**:
<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 and Ukraine (completed + training workshops) and for Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, and Serbia (work-in-progress); updated Regional report (planned)

Sustainable Resource Management (cont.)

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- **Project Integrated energy and water resource management in support of sustainable development in South-East Europe and Central Asia:**
<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

Sustainable Resource Management and Women

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- **Women entrepreneurship in natural resource management: Challenges and opportunities for the MSME sector in the post-COVID-19 socio-economic recovery** (Study and training workshop): <https://unece.org/info/Sustainable-Energy/UNFC-and-Resource-Management/events/350054>
- Case studies: Azerbaijan, Belarus, Georgia, Kazakhstan, and Kyrgyzstan

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** (work-in-progress)
 - Case studies of Albania, Belarus, Ukraine, United Kingdom, and Uzbekistan

**Getting
Renewables
Right**
Decarbonization;
Green Jobs; Energy
Access





- **Study Renewable Energy Financing and Investment in Albania, Georgia, Kazakhstan and Serbia**
(https://unece.org/sites/default/files/2021-09/RPTC_Report_1.pdf)
- **Online Training Course on Renewable Energy** (jointly with MASHAV and the Arava Institute for Environmental Studies (Israel) – 24 November-14 December 2021)

Carbon Neutrality and Renewable Energy

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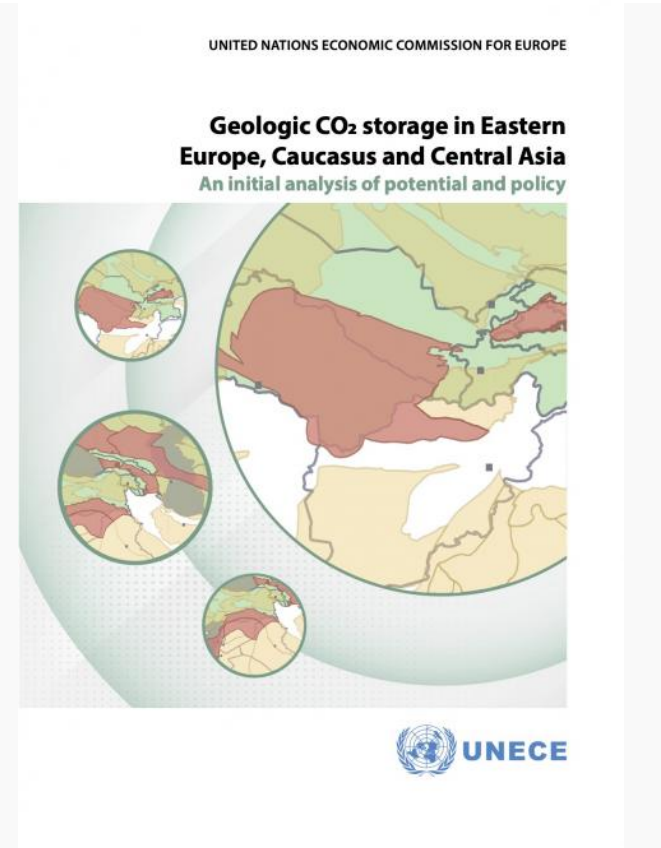


- Project **Improving capacity of the Government of Ukraine to develop infrastructure for production and use of hydrogen to support green post-COVID-19 recovery:**
<https://unece.org/sustainable-energy/regional-advisory-services/improving-capacity-government-ukraine-develop> (jointly with Sustainable Transport and Environment Divisions)
 - Draft Roadmap for production and use of hydrogen (includes transport roadmap and SEA scoping report)
- Workshop **Attaining Carbon Neutrality: The Role of Hydrogen:**
<https://unece.org/info/Sustainable-Energy/events/354150> (24 March 2021)



Study **Geologic CO₂ storage in Eastern Europe, Caucasus and Central Asia:**

[https://unece.org/sites/default/files/2021-04/Geologic%20CO₂%20storage%20report_final_EN.pdf](https://unece.org/sites/default/files/2021-04/Geologic%20CO2%20storage%20report_final_EN.pdf)



Cooperation within an outside UNECE

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- Workshop on **Strengthening national capacities in applying sustainable energy policies and practices, based on the recommendations of the environmental performance reviews:** <https://unece.org/info/Sustainable-Energy/events/357637> (with Environment Division - 30 June 2021)
- Workshop on **Sustainable Energy Policies and Implementation of National Sustainable Energy Action Plans:** <https://unece.org/info/Sustainable-Energy/events/361609> (with UNESCAP - 17 November 2021)

Cooperation within an outside UNECE (cont.)

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- Project **Strengthening energy policies of Countries with Special Needs to build back better from COVID-19** (planned – with UNESCAP as the lead)
- **Eleventh International Forum on Energy for Sustainable Development:**
<https://unece.org/info/Sustainable-Energy/events/18677> (September-November 2021, with UN RCs, UNDP, UNEP and other international organizations)



Thank you!

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

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