



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



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**Committee on Sustainable Energy, Thirtieth session**

Geneva and online, 24 September 2021

# Selected Areas of Work

ENERGY



ECE/ENERGY/2021/6 – [Report on regional advisory services in sustainable energy](#)

- 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>

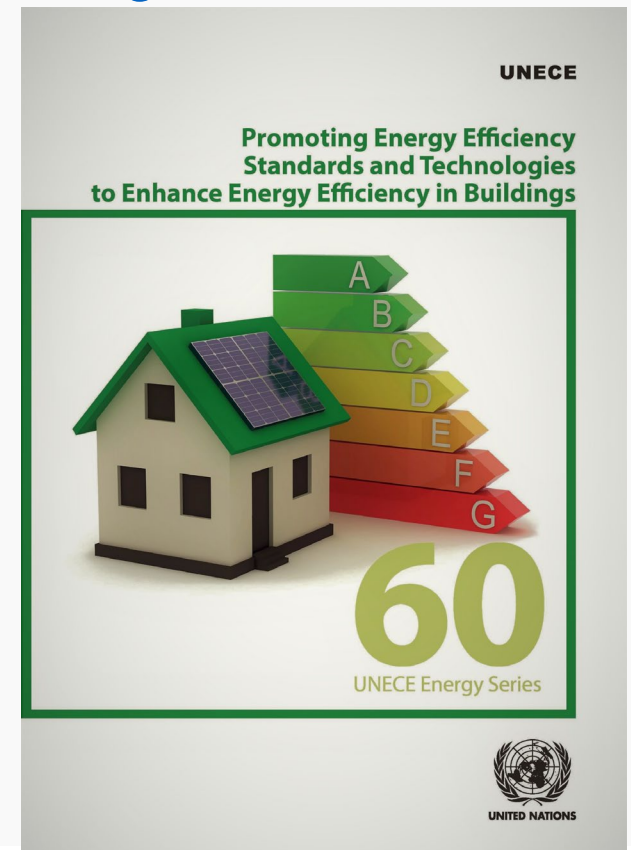
# Energy Efficiency (cont.)

ENERGY



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

**Under Joint Task Force on Energy Efficiency Standards in Buildings**



# Energy Efficiency (cont.)

## ENERGY



- **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 (planned)**
- **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

## ENERGY



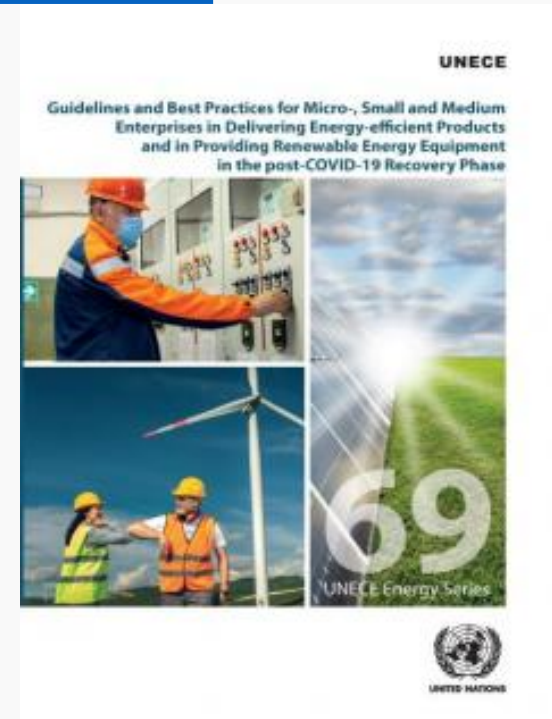
- Under project **Global Initiative towards post-COVID-19 resurgence of the MSMEs sector**:  
<https://msme-resurgence.unctad.org/>
- Guidelines and Best Practices for MSMEs in delivering energy efficient products and in providing renewable energy equipment:  
<https://unece.org/sustainable-energy/regional-advisory-services/un-development-account-project>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

# Energy Efficiency and Renewable Energy (cont.)

ENERGY

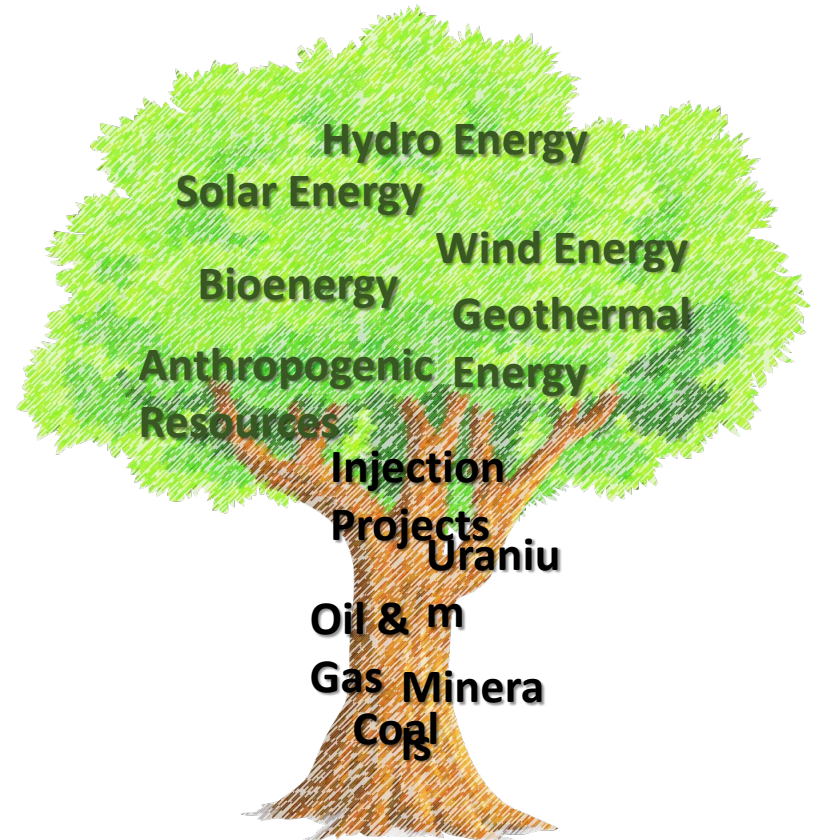


Publication website: <https://unece.org/info/Sustainable-Energy/Regional-Advisory-Services/pub/351153>



# 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

## ENERGY



- 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 (done + training workshops) and for Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, and Serbia (work-in-progress); updated Regional report (planned)

# Sustainable Resource Management (cont.)

## ENERGY



- **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

## ENERGY



- **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

ENERGY



- **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** (completed, soon to be posted at <https://unece.org/sustainable-energy/renewable-energy>)
- **Online Training Course on Renewable Energy** (planned jointly with MASHAV and the Arava Institute for Environmental Studies (Israel))

# Carbon Neutrality and Renewable Energy

## ENERGY

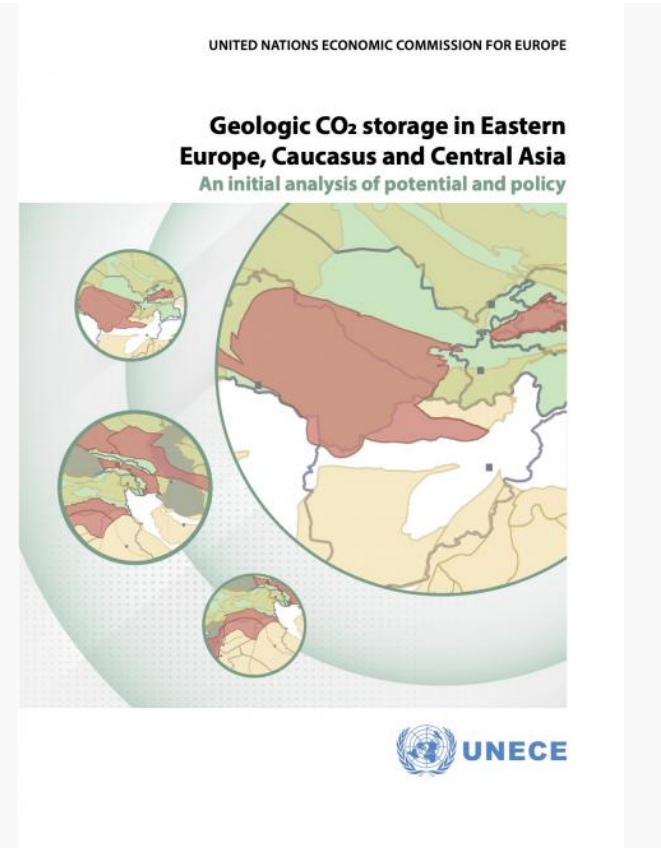


- Project **Improving capacity of the Government of Ukraine to develop infrastructure for production and use of hydrogen to support green post-COVID-19 recovery:** <https://unece.org/sustainable-energy/regional-advisory-services/improving-capacity-government-ukraine-develop> (jointly with Sustainable 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>



## Study **Geologic CO<sub>2</sub> storage in Eastern Europe, Caucasus and Central Asia:**

[https://unece.org/sites/default/files/2021-04/Geologic%20CO<sub>2</sub>%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

## ENERGY



- 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)
- Workshop on **Sustainable Energy Policies and Implementation of National Sustainable Energy Action Plans** (planned with ESCAP)

## Cooperation within an outside UNECE (cont.)

### ENERGY



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



# Thank you!

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

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