



ENERGY



UNECE support to member States in promoting energy efficiency and renewable energy



Oleg Dzioubinski, Regional Adviser, Sustainable Energy Division
Workshop “Guidelines and Best Practices in Albania for MSMEs in delivering energy efficient products and in providing renewable energy equipment”

Tirana, 20 January 2022

Selected Areas of Work in Energy Efficiency

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- Energy Efficiency in Buildings
- Energy Efficiency in Industry
- Energy Efficiency, Renewable Energy, and MSMEs
- Energy Efficiency and Women
- Financing Energy Efficiency

Energy Efficiency Standards in Buildings

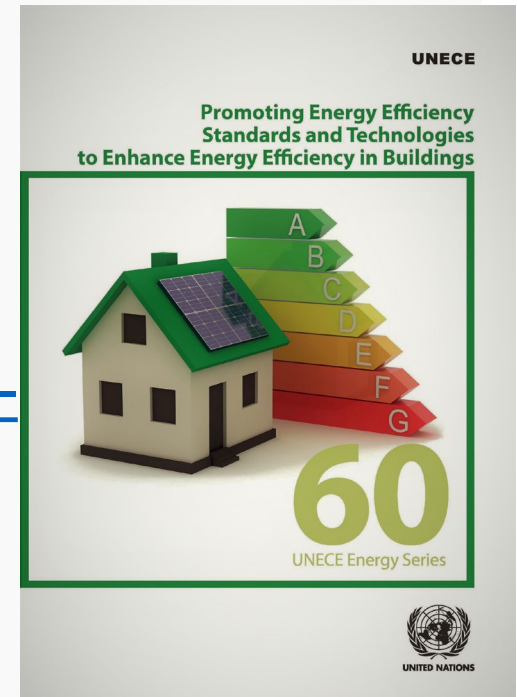
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Publication website: <https://unece.org/info/Sustainable-Energy/pub/2752>

Webpage of Energy Efficiency in Buildings area of work at the SED and GEEE website:

<https://unece.org/sustainable-energy/energy-efficiency/energy-efficiency-buildings>



Energy Efficiency in Buildings

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- **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, workshops and trainings, and impact study)

Project website: <https://unece.org/sustainable-energy/regional-advisory-services/about-project>

Energy Efficiency in Buildings

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Gap analysis and national studies



Collaborative environment for experts



Workshops and trainings



Impact study

Energy Efficiency in Industry

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- **Study Potential for improving energy efficiency in refrigeration and air-conditioning sector of Uzbekistan** (close to completion)
- **Study Potential for Improving Industrial Energy Efficiency in Kazakhstan and Ukraine** (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, Renewable Energy, and MSMEs

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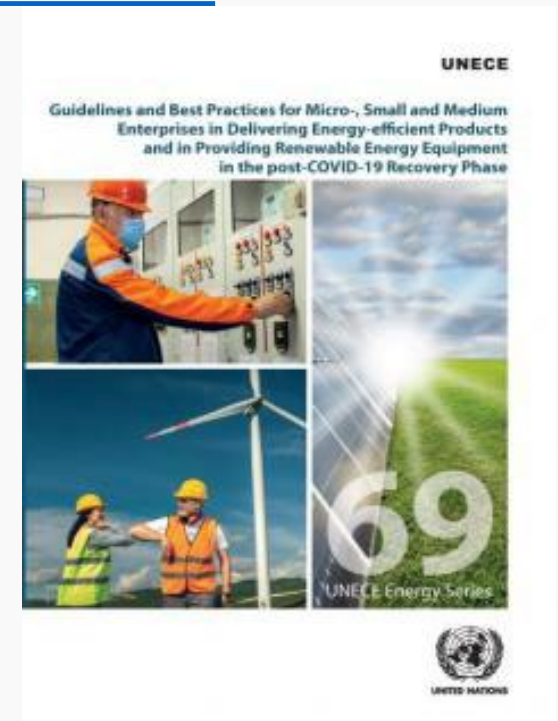
- Under project **Global Initiative towards post-COVID-19 resurgence of the MSMEs sector**:
<https://msme-resurgence.unctad.org/>
- Guidelines and Best Practices for MSMEs in delivering energy efficient products and in providing renewable energy equipment:
<https://unece.org/sustainable-energy/regional-advisory-services/un-development-account-project>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

Energy Efficiency, Renewable Energy, and MSMEs

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



Energy Efficiency and Women

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- Study **Energy Transition and Post-Covid-19 Socio-economic Recovery: Role of Women and Impact on Them** (completed)
 - with case studies of **Albania**, Belarus, Ukraine, United Kingdom, and Uzbekistan

<https://unece.org/energy-transition-and-post-covid-19-socioeconomic-recovery-role-women-and-impact-them>

Financing Energy Efficiency

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- **Project Green financing facility to improve air quality and combat climate change in North Macedonia (approved, planned)**

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



Selected Areas of Work in Renewable Energy

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- Financing Renewable Energy
- Renewable Energy and Energy Efficiency
- Renewable Energy and MSMEs
- Renewable Energy and Carbon Neutrality
- Renewable Energy and Women

Financing Renewable Energy

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- **Study Renewable Energy Financing and Investment in Albania, Georgia, Kazakhstan and Serbia** (completed, <https://unece.org/sed/documents/2021/09/reports/rptc-study-renewable-energy-financing-and-investment-albania-1>)
- **Online Training Course on Renewable Energy** (jointly with MASHAV and the Arava Institute for Environmental Studies (Israel)), November-December 2021

Renewable Energy, Hydrogen, and Carbon Neutrality

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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>
- Workshop **Attaining Carbon Neutrality: The Role of Hydrogen:** <https://unece.org/info/Sustainable-Energy/events/354150> (24 March 2021)

Cooperation within an outside UNECE

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- Workshop **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 UNECE Environment Division, 30 June 2021)
- Workshop **Sustainable Energy Policies and Implementation of National Sustainable Energy Action Plans:** <https://unece.org/info/Sustainable-Energy/events/361609> (with ESCAP, 17 November 2021)

Cooperation within an outside UNECE (cont.)

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- **UNDA Project Strengthening energy policies of Countries with Special Needs to build back better from COVID-19** (planned to start in 2022 – with ESCAP as the lead)
- **Eleventh International Forum on Energy for Sustainable Development:**
<https://unece.org/info/Sustainable-Energy/events/18677> (September-November 2021, with UN Regional Commissions, UNDP, UNEP and other international organizations)



Information on Regional Advisory Services
is available at:

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



Thank you! Falemnderit!

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