



UNECE work in support of transition to sustainable energy



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Workshop “Strengthening national capacity in applying sustainable energy policies and practices based on the recommendations of the Environmental Performance Reviews”
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Selected Areas of Work

ENERGY



- Energy Efficiency
- Renewable Energy
- Sustainable Resource Management
- Transition to Sustainable Energy

**Building Back
Better with
High
Performance
Buildings**

Envelope

Materials
Design
Construction

Systems

HVAC
Plug-ins

*High Performance Buildings
Deliver Quality of Life:
Comfort, Health,
Affordability, Efficiency,
Sustainability*

Services

Food
Water
Waste

Energy

On-site
Off-site

ICT

Smart Connect
& Monitor

Mobility

City design
Low-C mobility



- **Energy Efficiency in Buildings**
 - Enhancing national capacities to develop and implement energy efficiency standards for buildings in the UNECE region (regional Gap Analysis and national studies for Armenia, Kyrgyzstan, and Republic of Moldova)
- **Guidelines and Best Practices for MSMEs in delivering energy efficient products and in providing renewable energy equipment**
 - Regional report and customized Guidelines for Georgia and North Macedonia (done) and for Albania, Armenia, Kyrgyzstan, and Republic of Moldova (planned)

Energy Efficiency

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- 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
- Industrial Energy Efficiency
 - Potential for Improving Industrial Energy Efficiency in Kazakhstan and Ukraine (planned)
- Green financing facility to improve air quality and combat climate change in North Macedonia (planned)

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



Renewable Energy

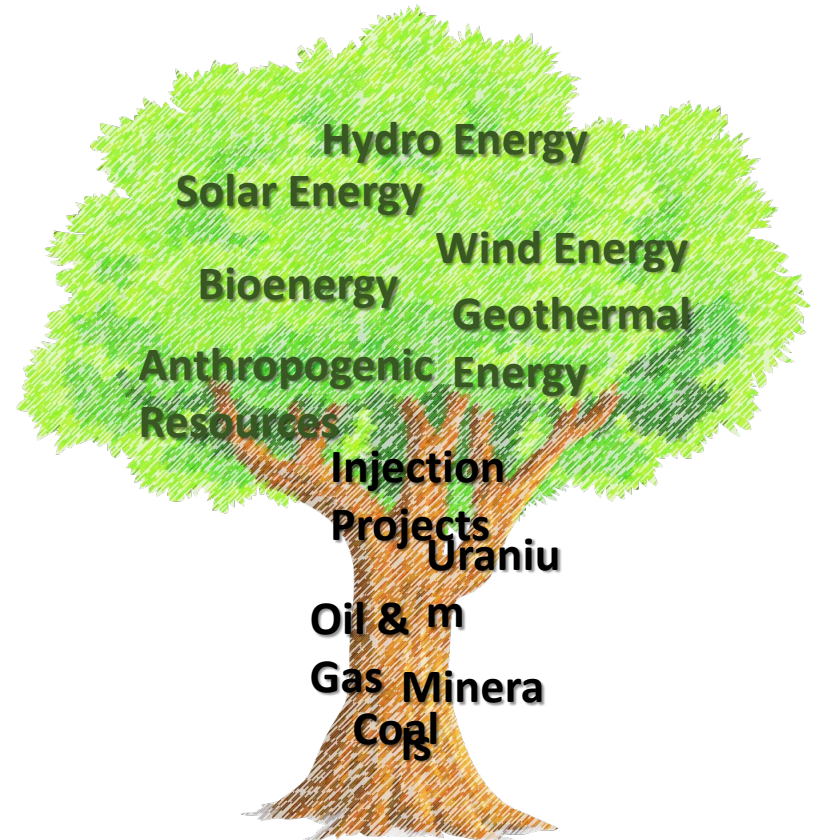
ENERGY



- Renewable energy – key actors and status of investments in selected ECE member States
 - Beneficiary countries: Albania, Georgia, Kazakhstan, and Serbia
- Improving capacity of the Government of Ukraine to develop infrastructure for production and use of hydrogen to support green post-COVID-19 recovery
 - Draft Roadmap for production and use of hydrogen (includes transport and SEA scoping report)
- Attaining Carbon Neutrality: The Role of Hydrogen

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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- 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
 - Regional report and customized Guidelines for Tajikistan and Ukraine (done) and Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, and Serbia (planned)
- Integrated energy and water resource management in support of sustainable development in South-East Europe and Central Asia
 - Beneficiary countries: Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan, Serbia, Tajikistan and Ukraine
- Women entrepreneurship in natural resource management: Challenges and opportunities for the MSME sector in the post-COVID-19 socio-economic recovery
 - Case studies: Azerbaijan, Belarus, Georgia, Kazakhstan, and Kyrgyzstan

Transition to Sustainable Energy

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- Draft National Sustainable Energy Action Plans (NSEAPs)
 - Beneficiary countries: Azerbaijan, Belarus, Georgia, Kazakhstan, and Kyrgyzstan
- Energy transition and post-COVID-19 socio-economic recovery: role of women and impact on them
 - Case studies: Albania, Belarus, Ukraine, United Kingdom, and Uzbekistan
- Women entrepreneurship in natural resource management: Challenges and opportunities for the MSME sector in the post-COVID-19 socio-economic recovery
 - Case studies: Azerbaijan, Belarus, Georgia, Kazakhstan, and Kyrgyzstan



Information available at:

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



Thank you!

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