




7 AFFORDABLE AND CLEAN ENERGY



SDG 7. Ensure access to affordable, reliable, sustainable and modern energy for all

Targets relevant to the *UNECE Environment subprogramme*:

- 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix
- 7.a By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology

Target	Measures	Resources (hyperlinks)	Results	Partners
7.2	Assess the water-food-energy-ecosystems nexus in transboundary basins under the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes	Reconciling resource uses in transboundary basins: assessment of the water-food-energy-ecosystems nexus 	Increased share of renewables in the energy mix, including hydropower, through concrete cooperative solutions	UNECE Environment with <ul style="list-style-type: none"> • UNECE Sustainable Energy • FAO • Royal Institute of Technology, Stockholm • Global Water Partnership
7.a	Implement the UNECE Air Convention and set emission limit values for air pollutants to stimulate investment Use the techno-economic database of information on control technologies for air pollution abatement and their costs	Task Force on Techno-Economic Issues Guidance document on control techniques for emissions of sulphur, nitrogen oxides, volatile organic compounds and particulate matter (including PM10, PM2.5 and black carbon) from stationary sources	Greater investment in clean technologies, including in the energy sector Identification of technologies to reduce air pollution, through enhanced international cooperation	UNECE Environment with <ul style="list-style-type: none"> • UNECE Sustainable Energy • National environment agencies and institutes

Cross-cutting measures

Implement the [UNECE Protocol on Strategic Environmental Assessment](#). The application of strategic environmental assessment significantly contributes to the development of sectoral energy plans and programmes, as well as policies and legislation, that assist countries in meeting their renewable energy targets and enhance international cooperation.

Implement also the [UNECE Aarhus Convention](#) (Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters) and its [Protocol on Pollutant Release and Transfer Registers](#) to strengthen capacities of authorities to promote effective access to environmental information and to engage effectively NGOs, local communities and other stakeholders with respect to energy issues. [Make use of tools and materials](#) developed by the Aarhus Convention and its Protocol.



Other UNECE subprogrammes

The Sustainable Energy subprogramme supports the assessment of the water-food-energy-ecosystems nexus carried out under the Environment subprogramme, as well as work on clean energy technologies to reduce air pollution.

