



# UNECE

## Environment and

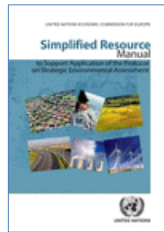

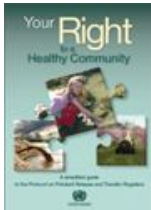


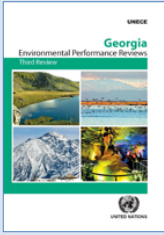
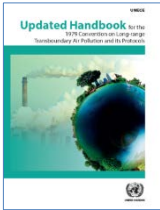
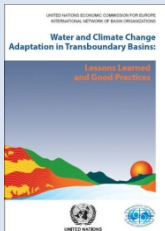
### SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



Targets relevant to the *UNECE Environment subprogramme*:

- 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all
- 9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities
- 9.a Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States

Target	Measures	Resources (hyperlinks)	Results	Partners
9.1	Implement the UNECE Protocol on Strategic Environmental Assessment and, at the project level, the Espoo Convention, to ensure that environmental and health considerations are taken into account in the planning of infrastructure	<a href="#">Resource Manual to Support Application of the Protocol on SEA</a>  <a href="#">Simplified Resource Manual to Support Application of the Protocol on SEA</a>	Favouring of sustainable infrastructure alternatives and the use of best available technologies  	UNECE Environment with <ul style="list-style-type: none"> <li>• UNECE Housing/Land Management</li> <li>• WHO/Europe</li> <li>• UNEP</li> <li>• UNIDO</li> <li>• OECD</li> <li>• European Commission (DG Environment and DG NEAR)</li> <li>• Environmental NGOs</li> <li>• Private sector</li> </ul>
9.1 9.4	Apply the checklist on safety reports prepared under the UNECE Convention on the Transboundary Effects of Industrial Accidents (Industrial Accidents Convention)  Offer university-level tuition on industrial safety	<a href="#">Sectoral Checklist for Preparation and Inspection of a Safety Report and Guidelines for its use</a>  <a href="#">Introduction to Industrial Accidents (on-line training course)</a>  <a href="#">Guidance for Land-Use Planning, Siting and Related Safety Aspects of Hazardous Activities</a>	Safer management of hazardous industries  Broadened awareness of industrial safety  Better land-use planning and siting of hazardous facilities  	UNECE Environment with <ul style="list-style-type: none"> <li>• UNECE Housing/Land Management</li> <li>• OECD</li> <li>• UNISDR</li> <li>• Joint UNEP/OCHA Environment Unit</li> <li>• UNITAR</li> <li>• OPCW</li> <li>• CIS Inter-State Council on Industrial Safety</li> </ul>
9.4	Stimulate improved environmental management by Governments and industry by implementing the UNECE Protocol on PRTRs through monitoring or estimation of pollution levels and their mandatory publication	<a href="#">Guidance material to the Protocol on Pollutant Release and Transfer Registers</a>  	Reduction in pollution levels and associated costs  Increased resource-use efficiency  Eco-innovation	UNECE Environment with <ul style="list-style-type: none"> <li>• European Chemical Industry Council</li> <li>• OECD</li> <li>• UNEP</li> <li>• UNITAR</li> </ul>

Target	Measures	Resources (hyperlinks)	Results	Partners
9.4	Undergo an Environmental Performance Review to assess national actions to use resource-efficient and environmentally sound technologies	Review process 	Application of green economy approaches and green technologies	UNECE Environment with <ul style="list-style-type: none"> <li>• UNDP</li> <li>• UNEP</li> <li>• UNIDO</li> <li>• WHO/Europe</li> <li>• UNITAR</li> <li>• European Environment Agency</li> </ul>
9.4	Set emission limit values for air pollutants by implementing the Air Convention protocols  Use the work of the Task Force on Techno-economic Issues to obtain information on control technologies for air pollution abatement and their costs	Updated Handbook for the 1979 Convention on Long-range Transboundary Air Pollution and its Protocols  Task Force on Techno-economic Issues 	Investment in clean technologies stimulated  Identification of technologies to reduce air pollution	UNECE Environment with <ul style="list-style-type: none"> <li>• National environment agencies and institutes</li> </ul>
9.a	Join the Global Network of Basins Working on Climate Change under the UNECE Water Convention	Water and adaptation to climate change  Water and Climate Change Adaptation in Transboundary Basins: Lessons Learned and Good Practices 	Strengthened resilience of infrastructure to climate change	UNECE Environment with <ul style="list-style-type: none"> <li>• International Network of Basin Organizations.</li> <li>• OSCE</li> <li>• UNDP</li> <li>• Global Water Partnership</li> <li>• IUCN</li> </ul>

## Cross-cutting measures

Implement 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 in developing and implementing inclusive and sustainable industrialization. [Make use of tools and materials developed by the Aarhus Convention and its Protocol.](#)



## Other UNECE subprogrammes

The Housing and Land Management and Environment subprogrammes work together on land-use planning issues. The Statistics and the Environment subprogrammes cooperate on promoting effective access to information.

