



UNECE

Environment and



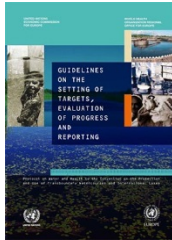

SDG 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture




Targets relevant to the *UNECE Environment subprogramme*:

2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons

2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality

Target	Measures	Resources (hyperlinks)	Results	Partners
2.2	<p>Implement the UNECE-WHO/Europe Protocol on Water and Health to promote access to safe drinking water for all, as lack of access to safe water is a primary cause of malnutrition and stunting</p> <p>Increase surveillance of drinking water and water-related diseases</p>	<p>Guidelines on the setting of targets, evaluation of progress and reporting under the Protocol on Water and Health</p> <p>Technical guidance on water-related disease surveillance</p> <p>Policy guidance on water-related disease surveillance</p>	<p>Improved access to safe drinking water as a contribution to ending malnutrition and stunting</p> 	<p>UNECE Environment with</p> <ul style="list-style-type: none"> • WHO/Europe • UNICEF • NGOs such as WaterAid and Women in Europe for a Common Future
2.4	<p>Implement the UNECE Air Convention's targets for ammonia and nitrogen oxides and thus abate nitrogen emissions and manage nitrogen more sustainably</p> <p>Use the work of the Task Force on Reactive Nitrogen on developing technical and scientific information and encouraging coordination of air pollution policies on nitrogen in the context of the nitrogen cycle</p>	<p>Updated Handbook for the 1979 Convention on Long-range Transboundary Air Pollution and its Protocols</p> <p>Framework Code for Good Agricultural Practice for Reducing Ammonia Emissions</p> <p>Task Force on Reactive Nitrogen</p>	<p>Reduced emissions of nitrogen oxides and ammonia with a direct impact on soil quality, thus helping to promote sustainable agriculture</p> 	<p>UNECE Environment with</p> <ul style="list-style-type: none"> • UNEP • International Nitrogen Initiative

Target	Measures	Resources (hyperlinks)	Results	Partners
2.4	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	<p>Reconciling resource uses in transboundary basins: assessment of the water-food-energy-ecosystems nexus</p> 	Increased water productivity, including in agriculture, and ecosystems maintenance through concrete cooperative solutions	<p>UNECE Environment with</p> <ul style="list-style-type: none"> • UNECE Sustainable Energy • FAO • Royal Institute of Technology, Stockholm • Global Water Partnership

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 different agriculture-related plans, programmes and projects. [Make use of tools and materials developed by the Aarhus Convention and its Protocol.](#)

Implement also the [UNECE Protocol on Strategic Environmental Assessment](#) to enable consideration of environmental and health concerns, as well as climate change mitigation and adaptation measures, in plans and strategies for agricultural practices and food production, so as to ensure that ecosystems and human health are preserved. The Protocol requires that Government plans and programmes prepared, for example, for agriculture, forestry and fisheries, are thoroughly assessed in consultation with the relevant authorities, stakeholders and the public.



Other UNECE subprogrammes

The Sustainable Energy subprogramme supports the assessment of the water-food-energy-ecosystems nexus carried out under the Environment subprogramme. The Statistics and Environment subprogrammes work together on the application of environmental indicators, including agricultural ones.

