

Environmental indicator catalogue (as of 15 November 2022)

Theme	Sub-theme	Indicator name (producer_indicator code) [EEA: European Environment Agency]	Indicator link	Metadata link
Agriculture	Agri-environmental indicators	Common farmland bird index (Eurostat_env_bio2)	Indicator	Metadata
		Final energy consumption by agriculture/forestry per hectare of utilised agricultural area (Eurostat_tai04)	Indicator	
		Greenhouse gas emissions from agriculture (Eurostat_tai08)	Indicator	
		Sales of pesticides by type of pesticide (Eurostat_tai02)	Indicator	
		Share of irrigable and irrigated areas in utilised agricultural area (UAA) by NUTS 2 regions (Eurostat_tai03)	Indicator	
		Share of main land types in utilised agricultural area (UAA) by NUTS 2 regions (Eurostat_tai05)	Indicator	
		Share of main livestock types in total livestock units (LSU) by NUTS 2 regions (Eurostat_tai06)	Indicator	
	Environmental impact of agriculture			
	Food and crop production	Area under organic farming (Eurostat_sdg_02_40)	Indicator	Metadata
		Daily calories supply per capita by source (Eurostat_t2020_rk100, source: FAO)	Indicator	Metadata
		Heat and cold — mean air temperature (EEA)	Indicator and metadata	
	Pesticide	Livestock density index (Eurostat_tai09)	Indicator	
		Harmonised risk indicator 1 for pesticides by categorisation of active substances (Eurostat_AEI_HRI, source: European Commission DG SANTE)	Indicator	Metadata
	Water for agricultural use	Use of more hazardous pesticides (Eurostat_sdg_02_52, source: DG SANTE)	Indicator	Metadata
		Drought impact on ecosystems in Europe (EEA_LSI011)	Indicator and metadata	
Air	Air quality	Atmospheric greenhouse gas concentrations (EEA_CSI013/CLIM052)	Indicator and metadata	
		Exceedance of air quality standards in Europe (EEA_CSI004/AIR003)	Indicator and metadata	
		Exposure of Europe's ecosystems to ozone (EEA_CSI005/AIR004)	Indicator and metadata	
		Urban population exposed to PM10 concentrations exceeding the daily limit value (50 µg/m3 on more than 35 days in a year) (Eurostat_t2020_rn200, source: EEA)	Indicator	Metadata
		Years of life lost due to PM2.5 exposure (source: EEA) (Eurostat_sdg_11_51)	Indicator	Metadata
	Atmospheric emission	Air emission intensity from industry (Eurostat_sdg_09_70)	Indicator	Metadata
		Ammonia emissions from agriculture (Eurostat_sdg_02_60, source: EEA)	Indicator	Metadata
		Ammonia emissions from agriculture - % of total emissions (Eurostat_tai07, source: EEA)	Indicator	
		Average CO2 emissions per km from new passenger cars (Eurostat_sdg_12_30, source: EEA and EC services)	Indicator	Metadata
		CO2 performance of new passenger cars in Europe (EEA_TERM017)	Indicator and metadata	

Chemicals	Ozone layer depletion	Emissions and energy use in large combustion plants in Europe (EEA_INDP002)	Indicator and metadata
		Emissions of the main air pollutants in Europe (EEA_CSI040/AIR005)	Indicator and metadata
		Greenhouse gas emission intensity of fuels and biofuels for road transport in Europe (EEA_CLIM055)	Indicator and metadata
		Net greenhouse gas emissions (Eurostat_sdg_13_10, source: EEA)	Indicator Metadata
		Greenhouse gas emissions from transport in Europe (EEA_TERM002)	Indicator and metadata
		Heavy metal emissions in Europe (EEA_AIR001)	Indicator and metadata
		Hydrofluorocarbon phase-down in Europe (EEA_CSI044/CLIM048)	Indicator and metadata
		Persistent organic pollutant emissions (EEA_AIR002)	Indicator and metadata
		Pollutant emissions from transport (Eurostat_t2020_rk300, source: EEA)	Indicator Metadata
		Total greenhouse gas (GHG) emission trends and projections in Europe (EEA_CSI010/CLIM050)	Indicator and metadata
Climate	Environmentally harmful or toxic substances	Consumption of ozone-depleting substances (EEA_CSI006/CLIM049)	Indicator and metadata
		Consumption of chemicals by hazardousness - EU aggregate (Eurostat_sdg_12_10)	Indicator Metadata
	Climate change adaptation	Contribution to the international 100bn USD commitment on climate related expending (Eurostat_sdg_13_50, source: EC services and EIONET)	Indicator Metadata
		Global and European temperature (EEA_CSI012/CLIM001)	Indicator and metadata
		Arctic and Baltic Sea ice (EEA_CLIM010)	Indicator and metadata
		Climate related economic losses (Eurostat_sdg_13_40, source: EEA)	Indicator Metadata
		Economic losses from climate-related extremes in Europe (EEA_CSI042/CLIM039)	Indicator and metadata
		Heat and Health (European Climate and Health Observatory)	Indicator and metadata
		Glaciers (Copernicus Climate Change Service)	Indicator and metadata
		Ice sheets (Copernicus Climate Change Service)	Indicator and metadata
		Wet and dry — heavy precipitation and river floods	Indicator and metadata
Energy	Weather and climate-related effects	Wet and dry - mean precipitation (EEA)	Indicator and metadata
		Snow and ice — snow, glaciers and ice sheets (EEA)	Indicator and metadata
	Alternative fuels	Use of renewable energy for transport in Europe (EEA_CSI037/TERM031)	Indicator and metadata
		Energy import dependency by products (Eurostat_sdg_07_50)	Indicator Metadata
		Final energy consumption (Eurostat_sdg_07_11)	Indicator Metadata
		Final energy consumption in households (t2020_rk200)	Indicator Metadata
		Final energy consumption in households by fuel (t2020_rk210)	Indicator Metadata
	Energy consumption		

Environmental economics	Energy efficiency	Primary and final energy consumption in Europe (EEA_CSI027/ENER016)	Indicator and metadata		
		Primary energy consumption (Eurostat_sdg_07_10)	Indicator	Metadata	
	Energy production	Energy productivity (Eurostat_t2020_rd310)	Indicator	Metadata	
		Greenhouse gas emission intensity of electricity generation in Europe (EEA_ENER038)	Indicator and metadata		
	Renewable resources	Share of renewable energy in gross final energy consumption by sector (Eurostat_sdg_07_40)	Indicator	Metadata	
		Environmental goods and services	Eco-innovation index (Eurostat_t2020_rt200)	Indicator	Metadata
	Environmental taxes	Patents related to recycling and secondary raw materials (Eurostat_cei_cie020)	Indicator	Metadata	
		Private investment, jobs and gross value added related to circular economy sectors (Eurostat_cei_cie010)	Indicator	Metadata	
		Energy taxes (Eurostat_t2020_rt300)	Indicator	Metadata	
		Energy taxes by paying sector (Eurostat_t2020_rt310)	Indicator	Metadata	
Fisheries	Fish stocks	Share of environmental taxes in total tax revenues (Eurostat_sdg_17_50)	Indicator	Metadata	
		Estimated trends in fishing pressure, by fishing area (Eurostat_sdg_14_30, source: JRC-STECF)	Indicator	Metadata	
		Estimated trends in fish stock biomass, by fishing area (Eurostat_sdg_14_21, source: JRC-STECF)	Indicator	Metadata	
Forestry	Forest deterioration	Forest fires in Europe (EEA_CLIM035)	Indicator and metadata		
		Share of forest area (Eurostat_sdg_15_10)	Indicator	Metadata	
	Forest industry	Roundwood production (Eurostat_tag00072)	Indicator		
		Total paper and paperboard production (Eurostat_tag00074)	Indicator		
		Total sawnwood production (Eurostat_tag00073)	Indicator		
	Forestry economics	Gross value added of the forestry industry, at basic prices (Eurostat_tag00058)	Indicator		
		Habitat destruction and ecosystem degradation	Conservation status of habitats under the EU Habitats Directive (EEA_CSI057/SEBI005)	Indicator and metadata	
	Land restoration	Ecosystem coverage in Europe (EEA_SEBI004)	Indicator and metadata		
		Land use	Land recycling and densification (EEA_LSI008)	Indicator and metadata	

		Built-up areas (Eurostat_t2020_rd110)	Indicator	Metadata
		Land take in Europe (EEA_CSI014/LSI001)	Indicator and metadata	
		Landscape fragmentation (Eurostat_t2020_rn110, source: EEA)	Indicator	Metadata
		Landscape fragmentation pressure and trends in Europe (EEA_CSI054/LSI004)	Indicator and metadata	
		Productivity of artificial land (Eurostat_t2020_rd100)	Indicator	Metadata
		Settlement area per capita (Eurostat_sdg_11_31)	Indicator	Metadata
		Vegetation productivity (EEA_LSI009)	Indicator and metadata	
	Protected area			
		Nationally designated terrestrial protected areas in Europe (EEA_CSI008/SEBI007)	Indicator and metadata	
		Natura 2000 sites designated under the EU Habitats and Birds Directives (EEA_SEBI008)	Indicator and metadata	
		Surface of the marine protected areas (Eurostat_sdg_14_10, source: DG ENV, EEA)	Indicator	Metadata
	Species distribution	Surface of the terrestrial protected areas (Eurostat_sdg_15_20, source: DG ENV, EEA)	Indicator	Metadata
	Species diversity			
		Vector-borne diseases (European Climate and Health Observatory)	Indicator and metadata	
		Abundance and distribution of selected European species (EEA_CSI050/SEBI001)	Indicator and metadata	
		Common bird index by type of species - EU aggregate (Eurostat_sdg_15_60, source: EBCC)	Indicator	Metadata
		Conservation status of species under the EU Habitats Directive (EEA_CSI007/SEBI003)	Indicator and metadata	
		Grassland butterfly index - EU aggregate (Eurostat_sdg_15_61, source: EEA, BCE)	Indicator	Metadata
Noise				
	Noise disturbance			
		Population living in households considering that they suffer from noise, by poverty status (Eurostat_sdg_11_20)	Indicator	Metadata
	Pollution			
	Pollution type			
		Industrial pollutant releases to air in Europe (EEA_CSI055/INDP003)	Indicator and metadata	
	Resources			
	Material flows			
		Circular material use rate (Eurostat_cei_srm030)	Indicator	Metadata
		Circular material use rate (Eurostat_sdg_12_41)	Indicator	Metadata
		Domestic material consumption per capita (Eurostat_t2020_rl110)	Indicator	Metadata
		Material footprint (Eurostat_cei_pc020)	Indicator	Metadata
		Resource productivity (Eurostat_cei_pc030)	Indicator	Metadata
		Raw material consumption (RMC) (Eurostat_sdg_12_21)	Indicator	Metadata
	Soil			
	Soil water			
		Imperviousness and imperviousness change in Europe (LSI002)	Indicator and metadata	
		Soil moisture deficit (EEA_LSI012)	Indicator and metadata	
	Erosion			
		Estimated soil erosion by water - area affected by severe erosion rate (source: JRC) (Eurostat_sdg_15_50)	Indicator	Metadata

Transport	Nutrient content	Gross nutrient balance in agricultural land (Eurostat_t2020_rn310)	Indicator	Metadata
	Freight transport	Modal split of freight transport (Eurostat_t2020_rk320)	Indicator	Metadata
		Share of rail and inland waterways in inland freight transport (Eurostat_sdg_09_60)	Indicator	Metadata
	Passenger transport	Share of buses and trains in inland passenger transport (Eurostat_sdg_09_50)	Indicator	Metadata
		Volume of passenger transport relative to GDP (Eurostat_ttr00001)	Indicator	
Waste	Transportation infrastructure	New registrations of electric vehicles in Europe (EEA_TERM034)	Indicator and metadata	
	e-Waste	Recycling rate of e-waste (Eurostat_cei_wm050)	Indicator	Metadata
		Recycling rate of e-waste (Eurostat_t2020_rt130)	Indicator	Metadata
	Landfill waste		Indicator and metadata	
	Municipal waste	Diversion of waste from landfill in Europe (EEA_WST006)	Indicator and metadata	
		Generation of municipal waste per capita (Eurostat_cei_pc031)	Indicator	Metadata
		Recycling of biowaste (Eurostat_cei_wm030)	Indicator	Metadata
		Recycling rate of municipal waste (Eurostat_cei_wm011)	Indicator	Metadata
		Recycling rate of municipal waste (Eurostat_sdg_11_60)	Indicator	Metadata
		Recycling rate of municipal waste (Eurostat_t2020_rt120)	Indicator	Metadata
	Packaging waste	Generation of packaging waste per capita (Eurostat_cei_pc040)	Indicator	Metadata
		Generation of plastic packaging waste per capita (Eurostat_cei_pc050)	Indicator	Metadata
		Recovery rates for packaging waste (Eurostat_ten00062)	Indicator	Metadata
		Recycling rates for packaging waste (Eurostat_ten00063)	Indicator	Metadata
		Recycling rate of packaging waste by type of packaging (Eurostat_cei_wm020)	Indicator	Metadata
Waste excluding major mineral waste		Generation of waste excluding major mineral wastes per domestic material consumption (Eurostat_cei_pc033)	Indicator	Metadata
		Generation of waste excluding major mineral wastes per GDP unit (Eurostat_cei_pc032)	Indicator	Metadata
		Generation of waste excluding major mineral wastes by hazardousness (Eurostat_sdg_12_50)	Indicator	Metadata
		Landfill rate of waste excluding major mineral waste (Eurostat_t2020_rt110)	Indicator	Metadata
		Recycling rate of all waste excluding major mineral waste (Eurostat_cei_wm010)	Indicator	Metadata
Waste generation and management		Contribution of recycled materials to raw materials demand - end-of-life recycling input rates (EOL-RIR) (Eurostat_cei_srm010)	Indicator	Metadata

Water

		Generation of packaging waste per capita (Eurostat_cei_pc040)	Indicator	Metadata
		Generation of plastic packaging waste per capita (Eurostat_cei_pc050)	Indicator	Metadata
		Generation of waste by economic activity (Eurostat_ten00106)	Indicator	Metadata
		Generation of waste by waste category (Eurostat_ten00108)	Indicator	Metadata
		Management of waste excluding major mineral waste, by waste operations (Eurostat_env_wasoper)	Indicator	Metadata
		Recovery rate of construction and demolition waste (Eurostat_cei_wm040)	Indicator	Metadata
		Trade in recyclable raw materials (Eurostat_cei_srm020)	Indicator	Metadata
		Waste generation and decoupling in Europe (EEA_CSI041/WST004)	Indicator and metadata	
Coastal water		Oxygen concentrations in coastal and marine waters surrounding Europe (EEA_MAR012)	Indicator and metadata	
		Marine waters affected by eutrophication (Source: CMEMS) (Eurostat_sdg_14_60)	Indicator	Metadata
		Bathing sites with excellent water quality by locality (Eurostat_sdg_14_40, source: EEA)	Indicator	Metadata
		Biochemical oxygen demand in rivers (Eurostat_sdg_06_30, source: EEA)	Indicator	Metadata
		Nitrate in groundwater (Eurostat_sdg_06_40, source: EEA)	Indicator	Metadata
		Nutrients in freshwater in Europe (EEA_CSI020/WAT003)	Indicator and metadata	
		Oxygen consuming substances in European rivers (EEA_CSI019/WAT002)	Indicator and metadata	
		Phosphate in rivers (Eurostat_sdg_06_50, source: EEA)	Indicator	Metadata
Eutrophication		Wet and dry — drought (EEA)	Indicator and metadata	
		Chlorophyll in transitional, coastal and marine waters (EEA_CSI023/MAR006)	Indicator and metadata	
		European sea surface temperature (EEA_CSI046/CLIM013)	Indicator and metadata	
		Global and European sea-level rise (EEA_CSI047/CLIM012)	Indicator and metadata	
		Global mean surface seawater acidity (Eurostat_sdg_14_50, source: CMEMS)	Indicator	Metadata
		Nutrients in transitional, coastal and marine waters (EEA_CSI021/MAR005)	Indicator and metadata	
		Lake surface temperatures (Copernicus Climate Change Service)	Indicator and metadata	
		Water- and food-borne diseases (European Climate and Health Observatory)	Indicator and metadata	
Freshwater pollution and physical properties		Ocean acidification (EEA_CLIM043)	Indicator and metadata	
		Oxygen concentrations in coastal and marine waters surrounding Europe (EEA_CLIM054)	Indicator and metadata	
		Population connected to at least secondary waste water treatment (Eurostat_sdg_06_20)	Indicator	Metadata
		Urban waste water treatment in Europe (EEA_CSI024/WAT005)	Indicator and metadata	
		Ocean Heat Content (Copernicus Marine Service)	Indicator and metadata	
		Wet and dry — heavy precipitation and river floods (EEA)	Indicator and metadata	
Marine pollution and salt water physical properties				
Ocean				
Waste water treatment				
Water damage				

Water resources

Population connected to public water supply (Eurostat_env_wat_pop)
Use of freshwater resources in Europe (EEA_CSI018/WAT001)
Water exploitation index, plus (WEI+) (Eurostat_sdg_06_60, source: EEA)
Water productivity (Eurostat_t2020_rd210)
Water resources: long-term annual average (Eurostat_ten00001)

Indicator	Metadata
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