

Energy indicators for sustainable development (EISD)

Theme	Subtheme	Issue	Abbrev.	Indicator
Social	Equity	Accessibility	SOC1	Share of households (or population) without electricity or commercial energy, or heavily dependent on non-commercial energy
		Affordability	SOC2	Share of household income spent on fuel and electricity
		Disparities	SOC3	Household energy use for each income group and corresponding fuel mix
	Health	Safety	SOC4	Accident fatalities per energy produced by fuel chain
Economy	Use and Production Patterns	Overall Use	ECO1	Energy use per capita
		Overall Productivity	ECO2	Energy use per unit of GDP
		Supply Efficiency	ECO3	Efficiency of energy conversion and distribution
		Production	ECO4	Reserves-to-production ratio
			ECO5	Resources-to-production ratio
		End Use	ECO6	Industrial energy intensities
			ECO7	Agricultural energy intensities
			ECO8	Service/commercial energy intensities
			ECO9	Household energy intensities
			ECO10	Transport energy intensities
			ECO11	Fuel shares in energy and electricity
		Diversification (Fuel Mix)	ECO12	Non-carbon energy share in energy and electricity
			ECO13	Renewable energy share in energy and electricity
			Prices	ECO14
	Security	Imports	ECO15	Net energy import dependency
		Strategic Fuel Stocks	ECO16	Stocks of critical fuels per corresponding fuel consumption
Environment	Atmosphere	Climate Change	ENV1	GHG emissions from energy production and use per capita and per unit of GDP
		Air Quality	ENV2	Ambient concentrations of air pollutants in urban areas
			ENV3	Air pollutant emissions from energy systems
	Water	Water Quality	ENV4	Contaminant discharges in liquid effluents from energy systems including oil discharges
	Land	Soil Quality	ENV5	Soil area where acidification exceeds critical load
		Forest	ENV6	Rate of deforestation attributed to energy use
		Solid Waste Generation and Management	ENV7	Ratio of solid waste generation to units of energy produced
			ENV8	Ratio of solid waste properly disposed of to total generated solid waste
			ENV9	Ratio of solid radioactive waste to units of energy produced
			ENV10	Ratio of solid radioactive waste awaiting disposal to total generated solid radioactive waste

For more details, see <http://www-pub.iaea.org/MTCD/publications/PubDetails.asp?publd=7201>



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