

# ITALIAN DATA FOR UN-SDGs

Sustainable Development Goals of the 2030 Agenda



## Goal 13

Take urgent action to combat climate change and its impacts

## Goal 13 - Information

### Goal 13 - Take urgent action to combat climate change and its impacts / Adottare misure urgenti per combattere il cambiamento climatico e le sue conseguenze

Target	Global indicator	Name of indicator -English -Italian	Source	Survey name	BES (yes/no)	Indicator description (English)	Indicator description (Italian)	Taxonomy
13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	13.1.1 Number of countries with national and local disaster risk reduction strategies (a)	- Greenhouse gas emissions (GHG)(**) - Emissioni di gas serra (**)	Istat	Conti di tipo NAMEA (matrice di conti economici integrata con conti ambientali) (PSN:IST-02004)	no	Greenhouse gas emissions (GHG), bridging between emission inventory totals and air emission accounts totals. GHG emissions include: carbon dioxide (CO2), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluorides (SF6), methane (CH4) nitrous oxide (N2O); they are expressed in "tonnes of CO2 equivalents" with weights reflecting each pollutant "global warming potential" (GWP) in relation to the GWP of CO2: 1 for CO2, 298 for N2O, 25 for CH4, various weights for HFCs, PFCs and SF6s. NF3 emissions are not included. Two are the possible ways of accounting for air emissions: with reference to the national territory, as in the emissions calculated within the framework of international conventions, on air emissions (United Nations Framework Convention on Climate Change - Unfccc and the Convention on Long-range Transboundary Air Pollution - Clrtap), or with reference to resident economic activities, as in air emission accounts, due to the adoption in the latter of the National Accounts principles and standards. The difference between the two totals equals the balance between the emissions generated in the Rest of the World by units that are resident in Italy and the emissions generated on the national territory by units that are not resident in Italy; the overall balance is obtained as the sum of road transport, air transport and maritime transport balances.	Emissioni di gas serra, raccordo tra i totali degli inventari nazionali e dei conti delle emissioni atmosferiche. Le emissioni di gas serra comprendono: anidride carbonica (CO2), idrofluorocarburi (HFC), perfluorocarburi (PFC), esalfluoruri di zolfo (SF6), metano (CH4) e protossido di azoto (N2O); sono espresse in "tonnellate di CO2 equivalente" con pesi che riflettono il potenziale di riscaldamento in rapporto all'anidride carbonica: 1 per CO2, 298 per N2O, 25 per CH4, pesi variabili in relazione agli specifici gas per HFC, PFC e SF6. Le emissioni di NF3 non sono incluse. Esistono due modi diversi di contabilizzare le emissioni totali: con riferimento al territorio nazionale, come avviene per i dati delle principali convenzioni internazionali sulle emissioni atmosferiche (United Nations Convention on Climate Change - Unfccc e Convention on long range transboundary air pollution - Clrtap) e con riferimento alle unità residenti, come si verifica per i dati dei conti delle emissioni atmosferiche, coerentemente con i principi e gli standard che sono alla base dei conti economici nazionali. La differenza tra i due totali e' data dal saldo delle emissioni delle unità residenti che operano all'estero e di quelle delle unità non residenti che operano sul territorio nazionale; il saldo complessivo risulta dalla somma dei saldi relativi alle attività di trasporto su strada, aereo e marittimo.	Indicatore di contesto /Context indicator
13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	13.1.1 Number of countries with national and local disaster risk reduction strategies	- Annual average precipitation - Precipitazione media annua	Istat	Rilevazione dati meteorologici ed idrologici (PSN:IST-02190)	no	Annual average volume of precipitation	Volume annuo di precipitazione media	Indicatore di contesto /Context indicator
13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	13.1.1 Number of countries with national and local disaster risk reduction strategies	- Average daily maximum temperatures - Temperatura media massima giornaliera	Istat/Crea	Rilevazione dati meteorologici ed idrologici (PSN:IST-02190)	no	Average daily maximum air temperatures	Temperatura media dell'aria massima giornaliera	Indicatore di contesto /Context indicator
13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	13.1.1 Number of countries with national and local disaster risk reduction strategies	- Average daily minimum temperatures - Temperatura media minima giornaliera	Istat/Crea	Rilevazione dati meteorologici ed idrologici (PSN:IST-02190)	no	Average daily minimum air temperatures	Temperatura media dell'aria minima giornaliera	Indicatore di contesto /Context indicator
13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	13.1.2 Number of deaths, missing persons and persons affected by disaster per 100,000 people							
13.2 Integrate climate change measures into national policies, strategies and planning	13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)							
13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	13.3.1 Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula							
13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	13.3.2 Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions							
13.a Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible	13.a.1 Mobilized amount of United States dollars per year starting in 2020 accountable towards the \$100 billion commitment							
13.b Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities	13.b.1 Number of least developed countries and small island developing States that are receiving specialized support, and amount of support, including finance, technology and capacity-building, for mechanisms for raising capacities for effective climate change-related planning and management, including focusing on women, youth and local and marginalized communities							



Goal 13 - Take urgent action to combat climate change and its impacts / Adottare misure urgenti per combattere il cambiamento climatico e le sue conseguenze

Global indicator English Italian	Source	Survey Name	Name of indicator English Italian	Units	Time Series			
					2013	2014	2015	
13.1.1 - Number of countries with national and local disaster risk reduction strategies - Numero di paesi con le strategie nazionali e locali di riduzione del rischio di catastrofi	Istat/Crea	Rilevazione dati meteorologici orologici (PDR-IST-02190)	- Average daily minimum temperatures (*) - Temperatura media minima giornaliera (°C)	Celsius degrees				
			Italia	Celsius degrees	8,8	9,6	9,4	
			<b>Territorio</b>					
			Piemonte	Celsius degrees	6,6	7,4	7,2	
			Valle d'Aosta / Vallée d'Aoste	Celsius degrees	-1,3	-0,7	-0,7	
			Liguria	Celsius degrees	7,2	8,2	7,7	
			Lombardia	Celsius degrees	1,4	2,3	2,1	
			Trentino Alto Adige	Celsius degrees	0,4	1,4	1,2	
			Provincia Autonoma Bolzano / Bozen	Celsius degrees	2,6	3,5	3,2	
			Provincia Autonoma Trento	Celsius degrees	7,9	8,8	8,2	
			Veneto	Celsius degrees	7,0	7,9	7,3	
			Friuli-Venezia Giulia	Celsius degrees	9,0	9,9	9,8	
			Emilia-Romagna	Celsius degrees	8,9	10,1	9,6	
			Toscana	Celsius degrees	10,1	11,0	10,8	
			Umbria	Celsius degrees	8,9	9,9	9,6	
			Marche	Celsius degrees	9,1	10,1	9,8	
			Lazio	Celsius degrees	9,3	10,1	9,9	
			Abruzzo	Celsius degrees	6,4	7,2	7,5	
			Molise	Celsius degrees	8,8	9,7	9,7	
			Campania	Celsius degrees	10,2	10,8	11,0	
			Puglia	Celsius degrees	11,7	12,1	11,8	
			Basilicata	Celsius degrees	10,0	10,5	10,8	
			Calabria	Celsius degrees	11,1	11,3	11,5	
			Sicilia	Celsius degrees	12,7	13,0	13,0	
			Sardegna	Celsius degrees	10,8	11,3	11,4	

(\*) Context indicator / Indicatore di contesto