LUXEMBOURG

Western Europe

▼ Overall Performance

Index score

66.0

SDG Rank

17 / 28

▼ Performance by SDG
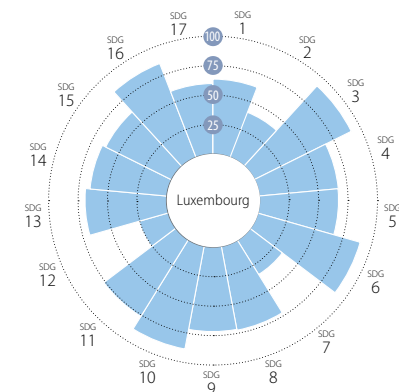
▼ Current Assessment – SDG Dashboard

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS	SUSTAINABLE DEVELOPMENT GOALS

■ SDG achieved   ■ Challenges remain   ■ Significant challenges remain   ■ Major challenges remain   ■ Data unavailable

▼ SDG Trends

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
→	↓	↑	↗	↗	↑	→	↗	↗
10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS	
↓	↗	••	→	••	→	↗	↑	

↑ On track or maintaining SDG achievement   ↗ Moderately improving   → Stagnating   ↓ Decreasing   •• Data unavailable
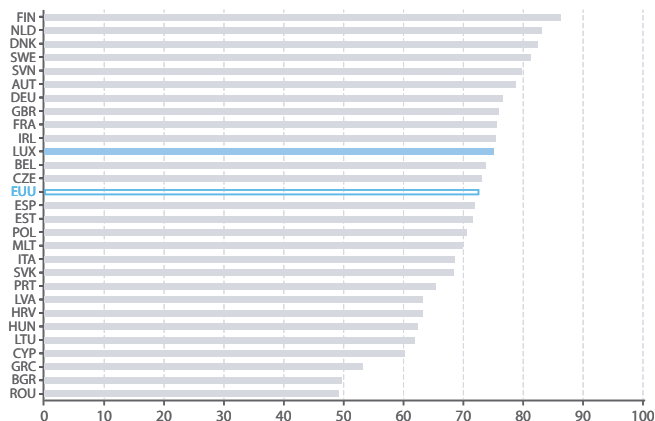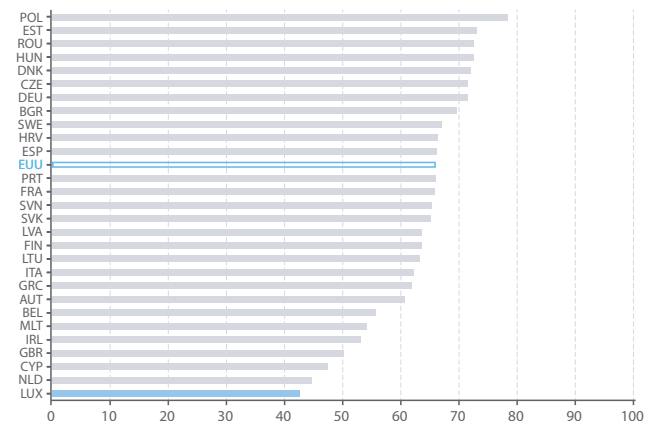
▼ Leave No One Behind Index

100 (best) to 0 (worst)

▼ Spillover Index

100 (best) to 0 (worst)

Notes: The full title of Goal 2 "Zero Hunger" is "End hunger, achieve food security and improved nutrition and promote sustainable agriculture".
The full title of each SDG is available at: https://sustainabledevelopment.un.org/topics/sustainabledevelopmentgoals
Detailed results and methodology available online at https://www.sdgindex.org/EU

2019 Europe Sustainable Development Report

LUXEMBOURG
Performance by Indicator

SDG1 – No Poverty

Indicator	Value	Year	Rating	Trend
People at risk of income poverty after social transfers (%)	18.7	2017	orange	↓
Severely materially deprived people (%)	1.2	2017	green	↑
Poverty headcount ratio at $5.50/day (%)	0.2	2019	green	↑
In work at-risk-of-poverty rate (%)	13.7	2017	orange	↓

SDG2 – Zero Hunger

Indicator	Value	Year	Rating	Trend
Prevalence of obesity, BMI ≥ 30 (% of adult population)	22.6	2016	orange	↓
Human Trophic Level (best 2–3 worst)	2.4	2013	orange	↓
Yield gap closure (%)	65.0	2015	orange	••
Gross nitrogen balance on agricultural land by nutrient (kg/hectare)	129.0	2015	red	↓
Ammonia emissions from agriculture (kg/hectare)	41.5	2017	orange	↓

SDG3 – Good Health and Well-Being

Indicator	Value	Year	Rating	Trend
Life expectancy at birth (years)	82.1	2017	green	↑
Gap in life expectancy at birth among regions (years)	NA	NA	grey	••
Population with good or very good perceived health (% of population aged 16 or over)	71.1	2017	green	↑
Gap in self-reported health, by income (p.p.)	10.6	2017	green	↑
Self-reported unmet need for medical examination and care (%)	0.3	2017	green	↑
Gap in self-reported unmet need for medical examination and care, by income (p.p.)	1.1	2017	green	↑
Gap in self-reported unmet need for medical examination and care, urban vs rural areas (p.p.)	**0	2017	green	↑
New reported cases of HIV (per 100,000 population)	10.2	2017	green	↑
New reported cases of tuberculosis (per 100,000 population)	5.4	2017	green	↑
Age-standardised death rate due to cardiovascular disease, cancer, diabetes, and chronic respiratory disease (per 100,000 population aged 30 to 70)	10.0	2016	green	↑
Suicide rate (per 100,000 population)	9.4	2016	green	↑
Age-standardised death rate attributable to household air pollution and ambient air pollution (per 100,000 population)	12	2016	green	••
Mortality rate, under-5 (per 1,000 live births)	2.6	2017	green	↑
People killed in road accidents (per 100,000 population)	4.2	2017	green	↑
Surviving infants who received 2 WHO-recommended vaccines (%)	99	2017	green	↑
Alcohol consumption (litre/capita/year)	11.3	2016	green	↑
Smoking prevalence (%)	21	2017	green	↑
People covered by health insurance for a core set of services (%)	NA	NA	grey	••
Share of total health spending financed by out-of-pocket payments (%)	10.8	2017	green	↑
Subjective Wellbeing (average ladder score, worst 0–10 best)	7.2	2018	green	↑

SDG4 – Quality Education

Indicator	Value	Year	Rating	Trend
Participation in early childhood education (% of population aged 4 to 6)	96.6	2017	green	↑
Early leavers from education and training (% of population aged 18 to 24)	6.3	2018	green	↑
PISA score (worst 0–600 best)	483.3	2015	yellow	↓
Underachievers in science (% of population aged 15)	25.9	2015	yellow	↓
Variation in science performance explained by students' socio-economic status (%)	20.8	2015	red	••
Resilient students (%)	20.7	2015	red	••
Tertiary educational attainment (% of population aged 30 to 34)	56.2	2018	green	↑
Adult participation in learning (%)	18.0	2018	green	↑
Numeracy score in the Survey of Adult Skills (PIAAC) (worst 0–500 best)	NA	NA	grey	••

SDG5 – Gender Equality

Indicator	Value	Year	Rating	Trend
Unadjusted gender pay gap (% of gross male earnings)	5.0	2017	green	↑
Gender employment gap (p.p.)	8.0	2018	green	↑
Population inactive due to caring responsibilities (% of population aged 20 to 64)	15.0	2018	green	↑
Seats held by women in national parliaments (%)	25.0	2019	orange	↓
Positions held by women in senior management positions (%)	13.3	2018	orange	→
Women who feel safe walking alone at night in the city or area where they live (%)	82.0	2018	green	↑

SDG6 – Clean Water and Sanitation

Indicator	Value	Year	Rating	Trend
Population having neither a bath, nor a shower, nor indoor flushing toilet in their household (%)	0.1	2017	green	↑
Population connected to at least secondary wastewater treatment (%)	97.0	2017	green	↑
Freshwater abstraction (% of long term average available water)	2.7	2016	green	↑
Imported groundwater depletion (m³/capita/year)	19.2	2010	orange	••
Population using safely managed water services (%)	98.2	2015	green	↑
Population using safely managed sanitation services (%)	93.7	2015	green	↑

SDG7 – Affordable and Clean Energy

Indicator	Value	Year	Rating	Trend
Population unable to keep home adequately warm (%)	1.9	2017	green	↑
Share of renewable energy in gross final energy consumption (%)	6.4	2017	red	→
CO₂ emissions from fuel combustion per electricity output (MtCO₂/TWh)	11.6	2015	red	↓

SDG8 – Decent Work and Economic Growth

Indicator	Value	Year	Rating	Trend
Protection of fundamental labour rights (worst 0–1 best)	NA	NA	grey	••
Gross disposable income (€/capita)	32,681	2017	grey	↑
Youth not in employment, education or training (NEET) (% of population aged 15 to 29)	7.5	2018	green	↑
Employment rate (%)	72.1	2018	yellow	↑

SDG8 – (continued)

Indicator	Value	Year	Rating	Trend
Long term unemployment rate (%)	1.4	2018	green	↑
People killed in accidents at work (per 100,000 population)	2.7	2017	yellow	↓
Victims of modern slavery (per 1,000 population)	1.5	2018	green	••
Fatal work-related accidents embodied in imports (per 100,000 population)	7.0	2010	red	••

SDG9 – Industry, Innovation and Infrastructure

Indicator	Value	Year	Rating	Trend
Gross domestic expenditure on R&D (% of GDP)	1.3	2017	yellow	→
R&D personnel (% of active population)	1.9	2017	green	↑
Patent applications to the European Patent Office (per 1,000,000 population)	93.9	2017	green	↑
Households with broadband access (%)	93.0	2018	green	↑
Gap in broadband access, urban vs rural areas (p.p.)	2.0	2018	green	↑
Individuals aged 55 to 74 years old who have basic or above basic digital skills (%)	70.0	2017	green	••
Logistics performance index: Quality of trade and transport-related infrastructure (worst 1–5 best)	3.6	2018	green	••
The Times Higher Education Universities Ranking: Average score of top 3 universities (worst 0–100 best)	51.3	2019	green	••
Scientific and technical journal articles (per 1,000 population)	1.4	2016	green	↑

SDG10 – Reduced Inequalities

Indicator	Value	Year	Rating	Trend
Gini Coefficient adjusted for top income	31.7	2014	yellow	↓
Palma ratio	1.1	2016	yellow	••
Elderly poverty rate (%)	7.7	2016	yellow	••

SDG11 – Sustainable Cities and Communities

Indicator	Value	Year	Rating	Trend
Share of green space in urban areas (%)	31.7	2012	green	••
Overcrowding rate among people living with below 60% of median equivalized income (%)	19.7	2017	green	↑
Recycling rate of municipal waste (%)	48.3	2017	green	↑
Population living in a dwelling with a leaking roof, damp walls, floors or foundation or rot in window frames or floor (%)	17.4	2017	green	↓
Satisfaction with public transport (%)	75.6	2018	green	↑
Exposure to air pollution: PM2.5 in urban areas (μg/m³)	11.2	2017	yellow	↗
Access to improved water source, piped (% of urban population)	100	2017	green	↑

SDG12 – Responsible Consumption and Production

Indicator	Value	Year	Rating	Trend
Circular material use rate (%)	6.5	2016	orange	••
Production-based SO₂ emissions (kg/capita)	4.8	2010	green	••
Imported SO₂ emissions (kg/capita)	60.9	2010	red	••
Nitrogen production footprint (kg/capita)	139.8	2010	red	••
Net imported emissions of reactive nitrogen (kg/capita)	965.4	2010	red	••

SDG13 – Climate Action

Indicator	Value	Year	Rating	Trend
Contribution to the international 100bn USD commitment on climate related expending (per 10,000€ of GDP)	7.3	2017	yellow	→
Energy-related CO₂ emissions (tCO₂/capita)	15.1	2016	red	↗
Imported CO₂ emissions, technology-adjusted (tCO₂/capita)	-9.9	2016	grey	••
CO₂ emissions embodied in fossil fuel exports (kg/capita)	0.0	2017	green	••

SDG14 – Life Below Water

Indicator	Value	Year	Rating	Trend
Bathing sites of excellent quality (%)	73.3	2018	yellow	↓
Fish stocks overexploited or collapsed by EEZ (%)	NA	NA	grey	••
Fish caught by trawling (%)	NA	NA	grey	••
Mean area that is protected in marine sites important to biodiversity (%)	NA	NA	grey	••

SDG15 – Life on Land

Indicator	Value	Year	Rating	Trend
Mean area that is protected in terrestrial sites important to biodiversity (%)	83.3	2018	yellow	→
Mean area that is protected in freshwater sites important to biodiversity (%)	37.1	2018	red	→
Biochemical oxygen demand in rivers (mg O₂/litre)	1.9	2015	green	↑
Nitrate in groundwater (mg NO₃/litre)	NA	NA	grey	••
Imported biodiversity threats (per 1,000,000 population)	61.1	2015	red	••
Red List Index of species survival (worst 0–1 best)	0.99	2019	yellow	→

SDG16 – Peace, Justice and Strong Institutions

Indicator	Value	Year	Rating	Trend
Death rate due to homicide (per 100,000 population)	0.5	2016	green	↑
Population reporting crime in their area (%)	12.0	2017	yellow	↑
Gap in population reporting crime in their area, by income (p.p.)	1.3	2017	green	↑
Access to justice (worst 0–1 best)	NA	NA	grey	••
Timeliness of administrative proceedings (worst 0–1 best)	NA	NA	grey	••
Constraints on government power (worst 0–1 best)	NA	NA	grey	••
Corruption Perception Index (worst 0–100 best)	81.0	2018	green	↑
Unsentenced detainees (% of prison population)	47.4	2016	orange	↓
Property Rights (worst 1–7 best)	6.3	2018	green	↑
Exports of major conventional weapons (TIV constant 1990 million USD per 100,000 population)	*0.0	2017	green	↑
Press Freedom Index (best 0–100 worst)	14.7	2018	green	↑

SDG17 – Partnerships for the Goals

Indicator	Value	Year	Rating	Trend
Official development assistance (% of GNI)	1.0	2018	green	↑
Shifted profits of multinationals (billion USD)	-46.8	2015	red	••
Corporate Tax Haven Score (best 0–100 worst)	72.4	2019	red	••

* Imputed data point
Only positive values are reported for "gap" indicators. For negative values, "0" is imputed to indicate an absence of meaningful gaps disadvantaging the targeted group.

Institute for European Environmental Policy

SUSTAINABLE DEVELOPMENT SOLUTIONS NETWORK
A GLOBAL INITIATIVE FOR THE UNITED NATIONS

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