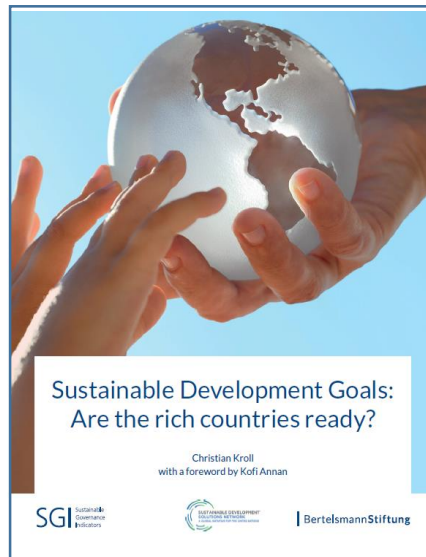# Finland's performance on the Sustainable Development Goals
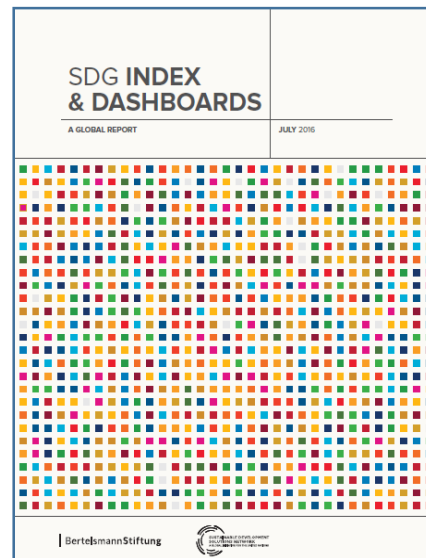
Dr. Christian Kroll

SDG Index and Dashboards Reports

2015

2016

2017

2018
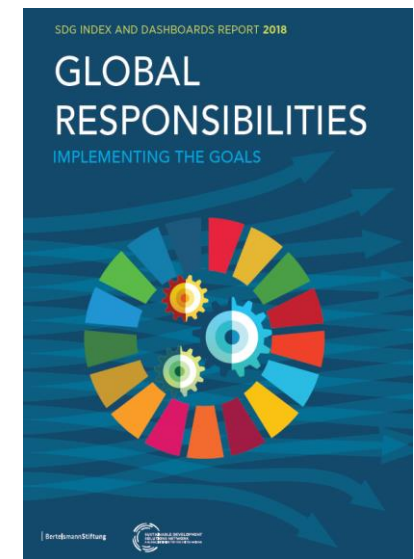
Rank	Country	Score
1	Sweden	85.0
2	Denmark	84.6
3	Finland	83.0
4	Germany	82.3
5	France	81.2
6	Norway	81.2
7	Switzerland	80.1
8	Slovenia	80.0
9	Austria	80.0
10	Iceland	79.7
11	Netherlands	79.5
12	Belgium	79.0

…out of 156 countries

	SDG RANKINGS, 2018			WORLD HAPPINESS RANKINGS, 2018			TAX-GDP RATIOS, 2018	
1	Sweden	85.0	1	Finland	7.632	1	Norway	54.108
2	Denmark	84.6	2	Norway	7.594	2	France	53.871
3	Finland	83.0	3	Denmark	7.555	3	Finland	52.657
4	Germany	82.3	4	Iceland	7.495	4	Denmark	52.076
5	France	81.2	5	Switzerland	7.487	5	Belgium	51.089
6	Norway	81.2	6	Netherlands	7.441	6	Sweden	49.273
7	Switzerland	80.1	7	Canada	7.328	7	Greece	48.840
8	Slovenia	80.0	8	New Zealand	7.324	8	Austria	48.833
9	Austria	80.0	9	Sweden	7.314	9	Italy	46.625
10	Iceland	79.7	10	Australia	7.272	10	Germany	45.186
11	Netherlands	79.5	11	Israel	7.190	11	Netherlands	43.875
12	Belgium	79.0	12	Austria	7.139	12	Luxembourg	43.221
13	Czech Republic	78.7	13	Costa Rica	7.072	13	Portugal	43.118
14	United Kingdom	78.7	14	Ireland	6.977	14	Iceland	43.087
15	Japan	78.5	15	Germany	6.965	15	Czech Republic	40.585
16	Estonia	78.3	16	Belgium	6.927	16	Cyprus	40.367
17	New Zealand	77.9	17	Luxembourg	6.910	17	Estonia	40.117
18	Ireland	77.5	18	United States	6.886	18	Malta	39.476
19	Korea Rep.	77.4	19	United Kingdom	6.814	19	Slovak Republic	39.380
20	Canada	76.8	20	United Arab Emirates	6.774	20	Canada	39.318

SDG Dashboards for Finland

SDG Trajectories for Finland

	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
Australia																	
Austria																	
Belgium																	
Canada																	
Chile																	
Czech Republic																	
Denmark																	
Estonia																	
Finland																	
France																	
Germany																	
Greece																	
Hungary																	
Iceland																	

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

FINLAND
Performance by Indicator

SDG1 – End Poverty

Indicator	Value	Rating	Trend
Poverty headcount ratio at $1.90/day (% population)	0.1	●	→
Projected poverty headcount ratio at $1.90/day in 2030 (% population)	0.1	●	••
Poverty rate after taxes and transfers, poverty line 50% (% population)	6.3	●	→

SDG2 – Zero Hunger

Indicator	Value	Rating	Trend
Prevalence of undernourishment (% population)	2.5	●	••
Prevalence of stunting (low height-for-age) in children under 5 years of age (%)	2.6	●	→
Prevalence of wasting in children under 5 years of age (%)	0.7	●	→
Prevalence of obesity, BMI ≥ 30 (% adult population)	22.2	●	↓
Cereal yield (t/ha)	3.6	●	→
Sustainable Nitrogen Management Index	0.7	●	••

SDG3 – Good Health and Well-Being

Indicator	Value	Rating	Trend
Maternal mortality rate (per 100,000 live births)	3.0	●	→
Neonatal mortality rate (per 1,000 live births)	1.2	●	→
Mortality rate, under-5 (per 1,000 live births)	2.3	●	→
Incidence of tuberculosis (per 100,000 population)	4.7	●	→
HIV prevalence (per 1,000)	0.0	●	→
Age-standardised death rate due to cardiovascular disease, cancer, diabetes, and chronic respiratory disease in populations age 30–70 years (per 100,000 population)	10.1	●	→
Age-standardised death rate attributable to household air pollution and ambient air pollution (per 100,000 population)	2.6	●	••
Traffic deaths rate (per 100,000 population)	4.4	●	→
Healthy Life Expectancy at birth (years)	81.1	●	→
Adolescent fertility rate (births per 1,000 women ages 15-19)	6.9	●	→
Births attended by skilled health personnel (%)	99.9	●	••
Surviving infants who received 2 WHO-recommended vaccines (%)	92.0	●	→
Universal Health Coverage Tracer Index (0-100)	85.8	●	→
Subjective Wellbeing (average ladder score, 0-10)	7.8	●	→
Gap in life expectancy at birth among regions (years)	2.1	●	→
Gap in self-reported health by income (0-100)	26.3	●	••
Daily smokers (% population age 15+)	17.4	●	→

SDG4 – Quality Education

Indicator	Value	Rating	Trend
Net primary enrolment rate (%)	99.1	●	↑
Mean years of schooling	11.2	●	↑
Literacy rate of 15-24 year olds, both sexes (%)	NA	●	••
Population age 25-64 with tertiary education (%)	43.6	●	→
PISA score (0-600)	522.7	●	••
Variation in science performance explained by students' socio-economic status (%)	10.0	●	••
Students performing below level 2 in science (%)	11.5	●	→
Resilient students (%)	42.8	●	••

SDG5 – Gender Equality

Indicator	Value	Rating	Trend
Unmet demand for contraception, estimated (% women married or in union, ages 15-49)	9.8	●	→
Female to male mean years of schooling, population age 25 + (%)	103.6	●	••
Female to male labour force participation rate (%)	88.6	●	→
Seats held by women in national parliaments (%)	42.0	●	→
Gender wage gap (total, % male median wage)	18.1	●	→

SDG6 – Clean Water and Sanitation

Indicator	Value	Rating	Trend
High-income countries: population using safely managed water services (%)	96.9	●	→
Other countries: population using at least basic drinking water services (%)	NA	●	••
High-income countries: population using safely managed sanitation services (%)	91.6	●	→
Other countries: population using at least basic sanitation services (%)	NA	●	••
Freshwater withdrawal as % total renewable water resources	10.5	●	••
Imported groundwater depletion (m³/year/capita)	5.3	●	••

SDG7 – Affordable and Clean Energy

Indicator	Value	Rating	Trend
Access to electricity (% population)	100.0	●	→
Access to clean fuels & technology for cooking (% population)	100.0	●	→
CO_2 emissions from fuel combustion / electricity output (MtCO$_2$/TWh)	0.6	●	→
Share of renewable energy in total final energy consumption (%)	43.2	●	→

SDG8 – Decent Work and Economic Growth

Indicator	Value	Rating	Trend
Adjusted Growth (%)	-2.0	●	••
Slavery score (0-100)	100.0	●	••
Adults (15 years +) with an account at a bank or other financial institution or with a mobile-money-service provider (%)	99.8	●	→
Employment-to-Population ratio (%)	70.0	●	→
Youth not in employment, education or training (NEET) (%)	13.2	●	↓

SDG9 – Industry, Innovation and Infrastructure

Indicator	Value	Rating	Trend
Proportion of the population using the internet (%)	87.7	●	→
Mobile broadband subscriptions (per 100 inhabitants)	152.3	●	↑
Quality of overall infrastructure (1= extremely underdeveloped; 7= extensive and efficient by international standards)	6.1	●	→
Logistics performance index: Quality of trade and transport-related infrastructure (1=low to 5=high)	4.0	●	••
The Times Higher Education Universities Ranking, Average score of top 3 universities (0-100)	54.8	●	••
Number of scientific and technical journal articles (per 1,000 population)	1.9	●	••
Research and development expenditure (% GDP)	2.9	●	••
Research and development researchers (per 1,000 employed)	14.3	●	→
Triadic patent families filed (per million population)	52.6	●	→
Gap in internet access by income (%)	27.4	●	••
Women in science and engineering (%)	23.0	●	••

SDG10 – Reduced Inequalities

Indicator	Value	Rating	Trend
Gini Coefficient adjusted for top income (1-100)	28.3	●	→
Palma ratio	0.9	●	→
Elderly Poverty Rate (%)	5.2	●	••

SDG11 – Sustainable Cities and Communities

Indicator	Value	Rating	Trend
Annual mean concentration of particulate matter of less than 2.5 microns of diameter (PM2.5) in urban areas (μg/m³)	7.4	●	→
Improved water source, piped (% urban population with access)	100.0	●	→
Satisfaction with public transport (%)	67.0	●	↑
Rent overburden rate (%)	8.4	●	••

SDG12 – Responsible Consumption and Production

Indicator	Value	Rating	Trend
E-waste generated (kg/capita)	21.4	●	••
Anthropogenic wastewater that receives treatment (%)	75.9	●	••
Production-based SO$_2$ emissions (kg/capita)	17.6	●	••
Net imported SO$_2$ emissions (kg/capita)	21.1	●	••
Reactive nitrogen production footprint (kg/capita)	43.7	●	••
Net imported emissions of reactive nitrogen (kg/capita)	74.3	●	••
Non-Recycled Municipal Solid Waste (MSW in kg/person/day)	1.5	●	••

SDG13 – Climate Action

Indicator	Value	Rating	Trend
Energy-related CO_2 emissions per capita (tCO$_2$/capita)	8.7	●	↗
Imported CO_2 emissions, technology-adjusted (tCO$_2$/capita)	1.6	●	••
Climate Change Vulnerability Monitor (best 0-1 worst)	0.0	●	••
CO_2 emissions embodied in fossil fuel exports (kg/capita)	0.1	●	••
Effective Carbon Rate from all non-road energy, excluding emissions from biomass (€/tCO$_2$)	38.8	●	••

SDG14 – Life Below Water

Indicator	Value	Rating	Trend
Mean area that is protected in marine sites important to biodiversity (%)	57.7	●	••
Ocean Health Index Goal-Biodiversity (0-100)	89.9	●	↓
Ocean Health Index Goal-Clean Waters (0-100)	69.4	●	↓
Ocean Health Index Goal-Fisheries (0-100)	96.5	●	→
Fish Stocks overexploited or collapsed by EEZ (%)	4.5	●	••
Fish caught by trawling (%)	79.3	●	↓

SDG15 – Life on Land

Indicator	Value	Rating	Trend
Mean area that is protected in terrestrial sites important to biodiversity (%)	73.8	●	→
Mean area that is protected in freshwater sites important to biodiversity (%)	73.7	●	→
Red List Index of species survival (0-1)	1.0	●	→
Annual change in forest area (%)	12.5	●	••
Imported biodiversity threats (threats per million population)	8.5	●	••

SDG16 – Peace, Justice and Strong Institutions

Indicator	Value	Rating	Trend
Homicides (per 100,000 population)	1.6	●	••
Prison population (per 100,000 population)	57.0	●	••
Population who feel safe walking alone at night in city or area where they live (%)	88.0	●	↑
Government Efficiency (1-7)	5.4	●	→
Property Rights (1-7)	6.5	●	→
Birth registrations with civil authority, children under 5 years of age (%)	100.0	●	→
Corruption Perception Index (0-100)	85.0	●	→
Children 5–14 years old involved in child labour (%)	0.0	●	••
Transfers of major conventional weapons (exports) (constant 1990 US$ million per 100,000 population)	1.3	●	••

SDG17 – Partnerships for the Goals

Indicator	Value	Rating	Trend
Government Health and Education spending (% GDP)	16.8	●	↑
High-income and all OECD DAC countries: International concessional public finance, including official development assistance (% GNI)	0.4	●	↑
Other countries: Tax revenue (% GDP)	NA	●	••
Tax Haven Score (best 0-5 worst)	0.0	●	••
Financial Secrecy Score (best 0-100 worst)	52.7	●	••

Spillover Effects

Table 7 | Spillover Index score (from 0 "worst" to 100 "best")

Country	Rank	Spillover Score
Afghanistan	151	93.8
Albania	62	88.7
Algeria	68	96.8
Angola	144	98.7
Argentina	53	97.4
Armenia	58	92.4
Australia	37	62.0
Austria	9	62.8
Azerbaijan	45	97.4
Bahrain	80	77.8
Bangladesh	111	97.9
Belarus	23	90.9
Belgium	12	57.0

Country	Rank	Spillover Score
Denmark	2	75.5
Djibouti	139	81.7
Dominican Republic	75	95.0
Ecuador	46	96.4
Egypt	97	98.7
El Salvador	92	91.4
Estonia	16	82.7
Ethiopia	128	99.0
Finland	3	64.4
Fmr Yugoslav Rep. of Macedonia	61	94.5
France	5	62.2
Gabon	100	97.3
Gambia	133	87.7
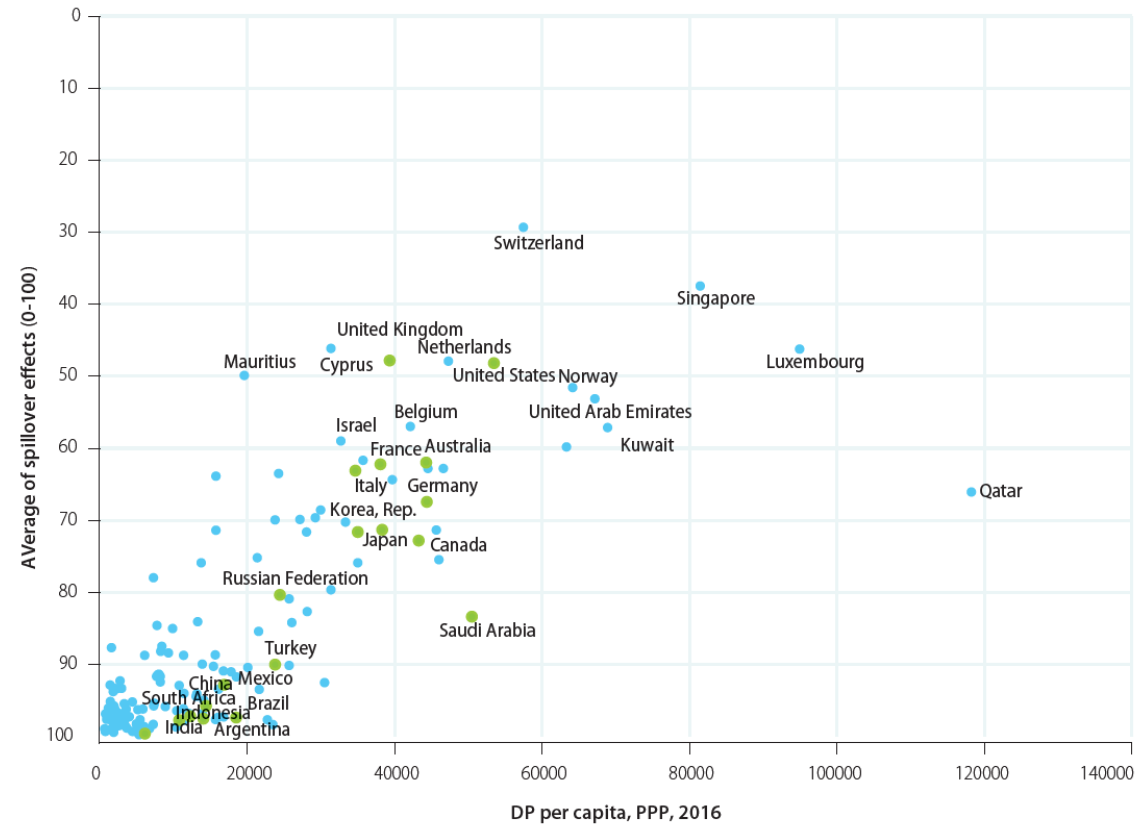
Note: In green, G20 countries.

Source: Authors' analysis

Thank you very much for your attention!