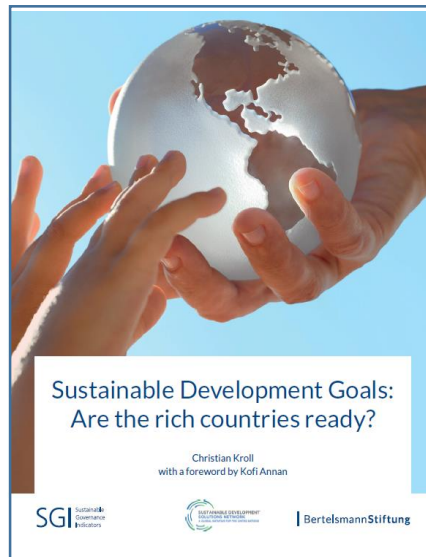


# Estonia's performance on the Sustainable Development Goals

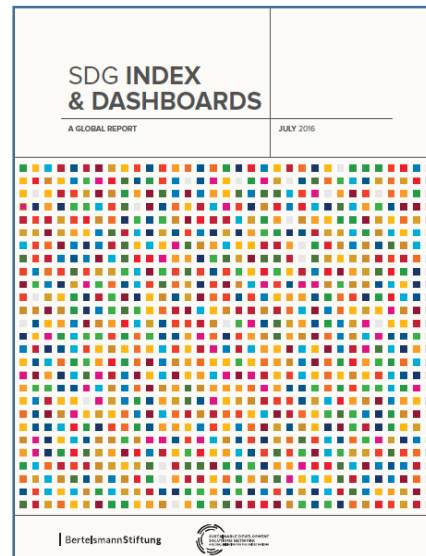
**Dr. Christian Kroll**  
**Bertelsmann Stiftung**

# SDG Index and Dashboards Reports

2015



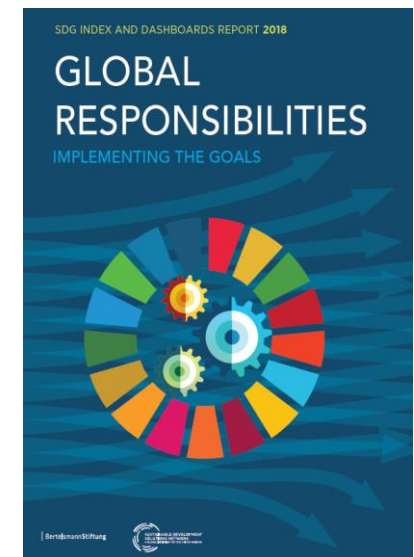
2016



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  |

|    |                 |      |
|----|-----------------|------|
| 13 | Czech Republic  | 78.7 |
| 14 | United Kingdom  | 78.7 |
| 15 | Japan           | 78.5 |
| 16 | Estonia         | 78.3 |
| 17 | New Zealand     | 77.9 |
| 18 | Ireland         | 77.5 |
| 19 | Korea, Rep.     | 77.4 |
| 20 | Canada          | 76.8 |
| 21 | Croatia         | 76.5 |
| 22 | Luxembourg      | 76.1 |
| 23 | Belarus         | 76.0 |
| 24 | Slovak Republic | 75.6 |
| 25 | Spain           | 75.4 |

**...out of 156 countries**

**SDG RANKINGS, 2018**

|           |                |      |
|-----------|----------------|------|
| <b>1</b>  | Sweden         | 85.0 |
| <b>2</b>  | Denmark        | 84.6 |
| <b>3</b>  | Finland        | 83.0 |
| <b>4</b>  | Germany        | 82.3 |
| <b>5</b>  | France         | 81.2 |
| <b>6</b>  | Norway         | 81.2 |
| <b>7</b>  | Switzerland    | 80.1 |
| <b>8</b>  | Slovenia       | 80.0 |
| <b>9</b>  | Austria        | 80.0 |
| <b>10</b> | Iceland        | 79.7 |
| <b>11</b> | Netherlands    | 79.5 |
| <b>12</b> | Belgium        | 79.0 |
| <b>13</b> | Czech Republic | 78.7 |
| <b>14</b> | United Kingdom | 78.7 |
| <b>15</b> | Japan          | 78.5 |
| <b>16</b> | Estonia        | 78.3 |
| <b>17</b> | New Zealand    | 77.9 |
| <b>18</b> | Ireland        | 77.5 |
| <b>19</b> | Korea Rep.     | 77.4 |
| <b>20</b> | Canada         | 76.8 |

**WORLD HAPPINESS RANKINGS, 2018**

|           |                      |       |
|-----------|----------------------|-------|
| <b>1</b>  | Finland              | 7.632 |
| <b>2</b>  | Norway               | 7.594 |
| <b>3</b>  | Denmark              | 7.555 |
| <b>4</b>  | Iceland              | 7.495 |
| <b>5</b>  | Switzerland          | 7.487 |
| <b>6</b>  | Netherlands          | 7.441 |
| <b>7</b>  | Canada               | 7.328 |
| <b>8</b>  | New Zealand          | 7.324 |
| <b>9</b>  | Sweden               | 7.314 |
| <b>10</b> | Australia            | 7.272 |
| <b>11</b> | Israel               | 7.190 |
| <b>12</b> | Austria              | 7.139 |
| <b>13</b> | Costa Rica           | 7.072 |
| <b>14</b> | Ireland              | 6.977 |
| <b>15</b> | Germany              | 6.965 |
| <b>16</b> | Belgium              | 6.927 |
| <b>17</b> | Luxembourg           | 6.910 |
| <b>18</b> | United States        | 6.886 |
| <b>19</b> | United Kingdom       | 6.814 |
| <b>20</b> | United Arab Emirates | 6.774 |

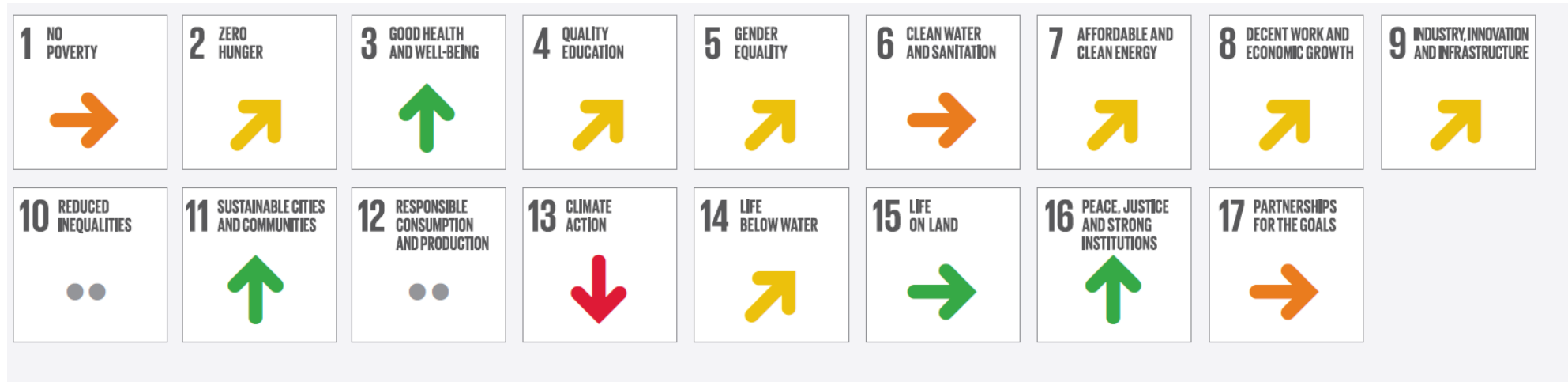
**TAX-GDP RATIOS, 2018**

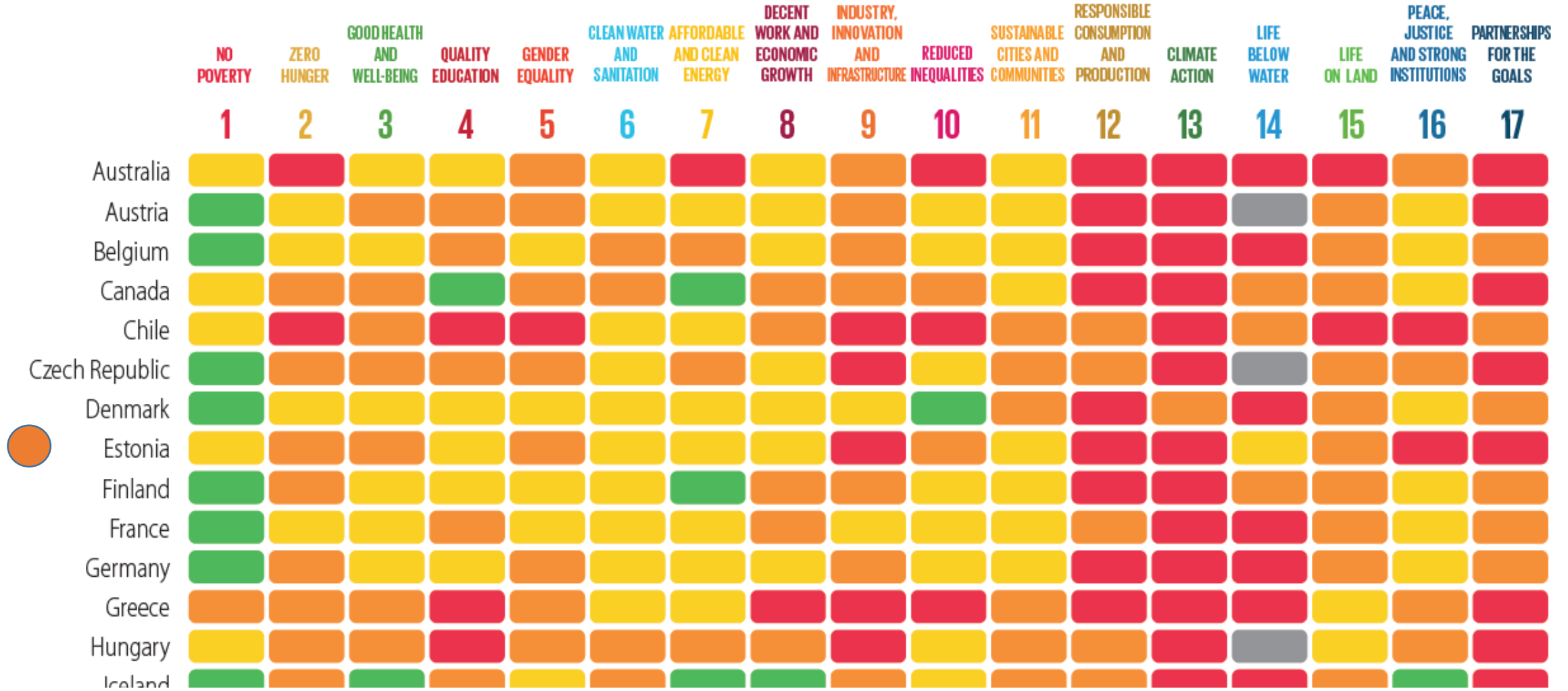
|           |                 |        |
|-----------|-----------------|--------|
| <b>1</b>  | Norway          | 54.108 |
| <b>2</b>  | France          | 53.871 |
| <b>3</b>  | Finland         | 52.657 |
| <b>4</b>  | Denmark         | 52.076 |
| <b>5</b>  | Belgium         | 51.089 |
| <b>6</b>  | Sweden          | 49.273 |
| <b>7</b>  | Greece          | 48.840 |
| <b>8</b>  | Austria         | 48.833 |
| <b>9</b>  | Italy           | 46.625 |
| <b>10</b> | Germany         | 45.186 |
| <b>11</b> | Netherlands     | 43.875 |
| <b>12</b> | Luxembourg      | 43.221 |
| <b>13</b> | Portugal        | 43.118 |
| <b>14</b> | Iceland         | 43.087 |
| <b>15</b> | Czech Republic  | 40.585 |
| <b>16</b> | Cyprus          | 40.367 |
| <b>17</b> | Estonia         | 40.117 |
| <b>18</b> | Malta           | 39.476 |
| <b>19</b> | Slovak Republic | 39.380 |
| <b>20</b> | Canada          | 39.318 |

# SDG Dashboard for Estonia



# SDG Trajectories for Estonia







|                | 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        | →          | ↗           | ↑                          | ↗                 | ↗               | ↑                          | ↑                           | ↑                               | ↑                                       | ↑                    | ↗                                  | ↔                                      | ↑              | ↗                | →            | ↑                                      | ↓                          |

# ESTONIA

## Performance by Indicator

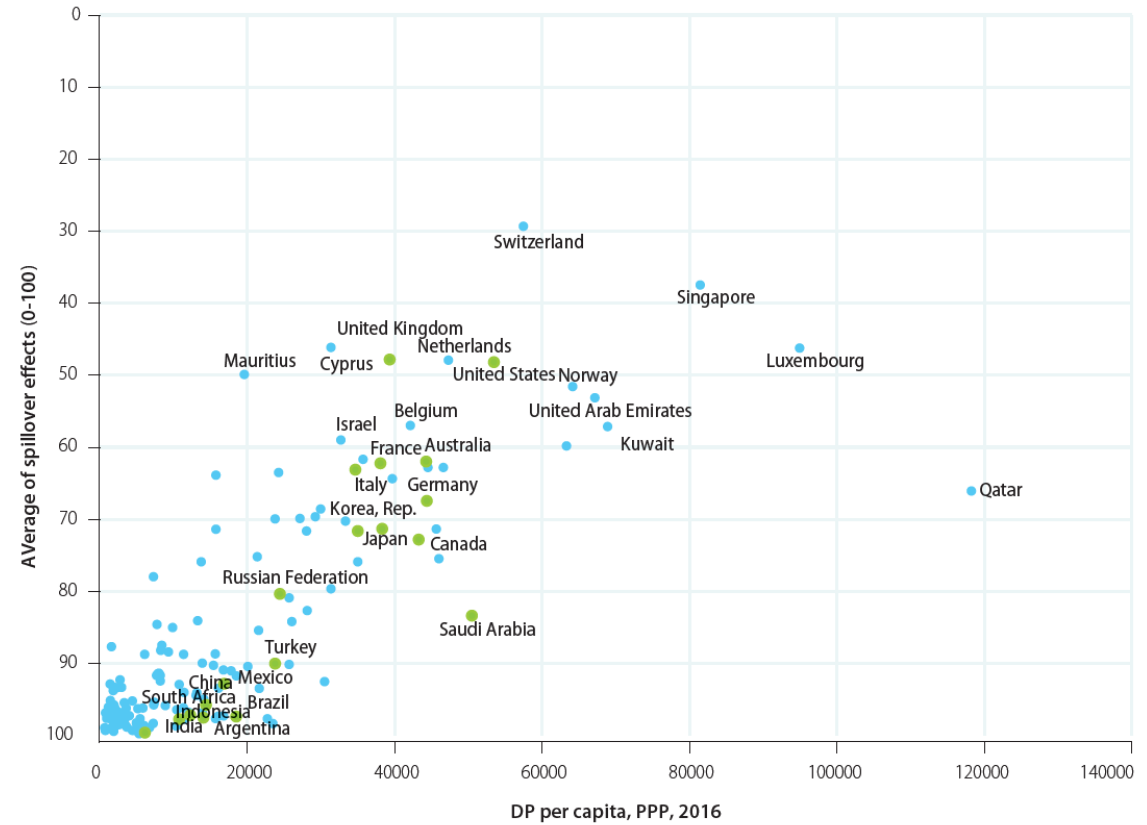
|  | Value | Rating | Trend |  | Value | Rating | Trend |
|--|-------|--------|-------|--|-------|--------|-------|
| <b>SDG1 – End Poverty</b>  |       |        |       | <b>SDG10 – Reduced Inequalities</b>  |       |        |       |
| Poverty headcount ratio at \$1.90/day (% population)   | 0.5   | ●      | →     | Quality of overall infrastructure (1=extremely underdeveloped; 7=extensive and efficient by international standards)                 | 5.4   | ●      | →     |
| Projected poverty headcount ratio at \$1.90/day in 2030 (% population)   | 0.4   | ●      | **    | Logistics performance index: Quality of trade and transport-related infrastructure (1=low to 5=high)                                 | 3.2   | ●      | **    |
| Poverty rate after taxes and transfers, poverty line 50% (% population)  | 16.1  | ●      | ↓     | The Times Higher Education Universities Ranking, Average score of top 3 universities (0-100)   | 34.9  | ●      | **    |
| <b>SDG2 – Zero Hunger</b>  |       |        |       | <b>SDG11 – Sustainable Cities and Communities</b>  |       |        |       |
| Prevalence of undernourishment (% population)  | 2.5   | ●      | **    | Number of scientific and technical journal articles (per 1,000 population)   | 1.1   | ●      | **    |
| Prevalence of stunting (low height-for-age) in children under 5 years of age (%)   | 2.6   | ●      | →     | Research and development expenditure (% GDP)   | 1.5   | ●      | **    |
| Prevalence of wasting in children under 5 years of age (%)   | 0.7   | ●      | →     | Research and development researchers (per 1,000 employed)  | 6.9   | ●      | ↓     |
| Prevalence of obesity, BMI ≥ 30 (% adult population)   | 21.2  | ●      | ↓     | Triadic patent families filed (per million population)   | 7.4   | ●      | ↑     |
| Cereal yield (t/ha)  | 2.7   | ●      | ↑     | Gap in internet access by income (%)   | 50.3  | ●      | **    |
| Sustainable Nitrogen Management Index  | 0.8   | ●      | **    | Women in science and engineering (%)   | 35.0  | ●      | **    |
| <b>SDG3 – Good Health and Well-Being</b>   |       |        |       | <b>SDG12 – Responsible Consumption and Production</b>  |       |        |       |
| Maternal mortality rate (per 100,000 live births)  | 9.0   | ●      | →     | E-waste generated (kg/capita)  | 14.0  | ●      | **    |
| Neonatal mortality rate (per 1,000 live births)  | 1.3   | ●      | →     | Anthropogenic wastewater that receives treatment (%)   | 71.9  | ●      | **    |
| Mortality rate, under-5 (per 1,000 live births)  | 2.9   | ●      | →     | Production-based SO <sub>2</sub> emissions (kg/capita)   | 68.3  | ●      | **    |
| Incidence of tuberculosis (per 100,000 population)   | 16.0  | ●      | ↑     | Net imported SO <sub>2</sub> emissions (kg/capita)   | -4.5  | ●      | **    |
| HIV prevalence (per 1,000)   | 0.1   | ●      | →     | Reactive nitrogen production footprint (kg/capita)   | 38.0  | ●      | **    |
| Age-standardised death rate due to cardiovascular disease, cancer, diabetes, and chronic respiratory disease in populations age 30–70 years (per 100,000 population) | 17.2  | ●      | ↑     | Net imported emissions of reactive nitrogen (kg/capita)  | 27.8  | ●      | **    |
| Age-standardised death rate attributable to household air pollution and ambient air pollution (per 100,000 population)   | 26.5  | ●      | **    | Non-Recycled Municipal Solid Waste (MSW in kg/person/day)  | 1.1   | ●      | **    |
| Traffic deaths rate (per 100,000 population)   | 6.3   | ●      | →     | <b>SDG13 – Climate Action</b>  |       |        |       |
| Healthy Life Expectancy at birth (years)   | 77.6  | ●      | →     | Energy-related CO <sub>2</sub> emissions per capita (tCO <sub>2</sub> /capita)   | 14.8  | ●      | ↓     |
| Adolescent fertility rate (births per 1,000 women ages 15-19)  | 13.3  | ●      | →     | Imported CO <sub>2</sub> emissions, technology-adjusted (tCO <sub>2</sub> /capita)   | -3.1  | ●      | **    |
| Births attended by skilled health personnel (%)  | 99.4  | ●      | **    | Climate Change Vulnerability Monitor (best 0-1 worst)  | 0.0   | ●      | **    |
| Surviving infants who received 2 WHO-recommended vaccines (%)  | 93.0  | ●      | →     | CO <sub>2</sub> emissions embodied in fossil fuel exports (kg/capita)  | 38.7  | ●      | **    |
| Universal Health Coverage Tracer Index (0-100)   | 75.0  | ●      | ↑     | Effective Carbon Rate from all non-road energy, excluding emissions from biomass (€/tCO <sub>2</sub> )                               | 12.1  | ●      | **    |
| Subjective Wellbeing (average ladder score, 0-10)  | 5.9   | ●      | ↔     | <b>SDG14 – Life Below Water</b>  |       |        |       |
| Gap in life expectancy at birth among regions (years)  | 5.2   | ●      | **    | Mean area that is protected in marine sites important to biodiversity (%)  | 97.8  | ●      | **    |
| Gap in self-reported health by income (0-100)  | 41.1  | ●      | **    | Ocean Health Index Goal-Biodiversity (0-100)   | 94.3  | ●      | →     |
| Daily smokers (% population age 15+)   | 21.3  | ●      | ↑     | Ocean Health Index Goal-Clean Waters (0-100)   | 65.2  | ●      | ↓     |
| <b>SDG4 – Quality Education</b>  |       |        |       | <b>SDG15 – Life on Land</b>  |       |        |       |
| Net primary enrolment rate (%)   | 93.3  | ●      | ↓     | Mean area that is protected in terrestrial sites important to biodiversity (%)   | 94.9  | ●      | →     |
| Mean years of schooling  | 12.5  | ●      | →     | Mean area that is protected in freshwater sites important to biodiversity (%)  | 93.6  | ●      | →     |
| Literacy rate of 15-24 year olds, both sexes (%)   | 99.9  | ●      | **    | Red List Index of species survival (0-1)   | 1.0   | ●      | →     |
| Population age 25-64 with tertiary education (%)   | 38.8  | ●      | →     | Annual change in forest area (%)   | 12.2  | ●      | **    |
| PISA score (0-600)   | 524.3 | ●      | **    | Imported biodiversity threats (threats per million population)   | 8.4   | ●      | **    |
| Variation in science performance explained by students' socio-economic status (%)  | 7.8   | ●      | **    | <b>SDG16 – Peace, Justice and Strong Institutions</b>  |       |        |       |
| Students performing below level 2 in science (%)   | 8.8   | ●      | →     | Homicides (per 100,000 population)   | 3.2   | ●      | **    |
| Resilient students (%)   | 48.3  | ●      | **    | Prison population (per 100,000 population)   | 215.1 | ●      | **    |
| <b>SDG5 – Gender Equality</b>  |       |        |       | <b>SDG17 – Partnerships for the Goals</b>  |       |        |       |
| Unmet demand for contraception, estimated (% women married or in union, ages 15-49)  | 15.4  | ●      | →     | Government Health and Education spending (% GDP)   | 11.9  | ●      | →     |
| Female to male mean years of schooling, population age 25+ (%)   | 106.6 | ●      | **    | High-income and all OECD DAC countries: International concessional public finance, including official development assistance (% GNI) | 0.2   | ●      | →     |
| Female to male labour force participation rate (%)   | 80.2  | ●      | →     | Other countries: Tax revenue (% GDP)   | NA    | ●      | **    |
| Seats held by women in national parliaments (%)  | 26.7  | ●      | →     | Tax Haven Score (best 0-5 worst)   | 0.0   | ●      | **    |
| Gender wage gap (total, % male median wage)  | 28.3  | ●      | **    | Financial Secrecy Score (best 0-100 worst)   | 50.9  | ●      | **    |
| <b>SDG6 – Clean Water and Sanitation</b>   |       |        |       | <b>SDG9 – Industry, Innovation and Infrastructure</b>  |       |        |       |
| High-income countries: population using safely managed water services (%)  | 81.7  | ●      | ↓     | Proportion of the population using the internet (%)  | 87.2  | ●      | ↑     |
| Other countries: population using at least basic drinking water services (%)   | NA    | ●      | **    | Mobile broadband subscriptions (per 100 inhabitants)   | 121.6 | ●      | ↑     |
| High-income countries: population using safely managed sanitation services (%)   | 92.9  | ●      | →     |  |       |        |       |
| Other countries: population using at least basic sanitation services (%)   | NA    | ●      | **    |  |       |        |       |
| Freshwater withdrawal as % total renewable water resources   | 22.5  | ●      | **    |  |       |        |       |
| Imported groundwater depletion (m <sup>3</sup> /year/capita)   | 4.7   | ●      | **    |  |       |        |       |
| <b>SDG7 – Affordable and Clean Energy</b>  |       |        |       | <b>SDG8 – Decent Work and Economic Growth</b>  |       |        |       |
| Access to electricity (% population)   | 100.0 | ●      | →     | Adjusted Growth (%)  | -0.1  | ●      | **    |
| Access to clean fuels & technology for cooking (% population)  | 91.7  | ●      | →     | Slavery score (0-100)  | 80.0  | ●      | **    |
| CO <sub>2</sub> emissions from fuel combustion / electricity output (MtCO <sub>2</sub> /TWh)   | 1.6   | ●      | ↔     | Adults (15 years+) with an account at a bank or other financial institution or with a mobile-money-service provider (%)              | 98.0  | ●      | →     |
| Share of renewable energy in total final energy consumption (%)  | 27.5  | ●      | →     | Employment-to-Population ratio (%)   | 74.1  | ●      | →     |
| <b>SDG8 – Decent Work and Economic Growth</b>  |       |        |       | <b>SDG9 – Industry, Innovation and Infrastructure</b>  |       |        |       |
| Adjusted Growth (%)  | -0.1  | ●      | **    | Proportion of the population using the internet (%)  | 87.2  | ●      | ↑     |
| Slavery score (0-100)  | 80.0  | ●      | **    | Mobile broadband subscriptions (per 100 inhabitants)   | 121.6 | ●      | ↑     |
| Adults (15 years+) with an account at a bank or other financial institution or with a mobile-money-service provider (%)  | 98.0  | ●      | →     |  |       |        |       |
| Employment-to-Population ratio (%)   | 74.1  | ●      | →     |  |       |        |       |
| Youth not in employment, education or training (NEET) (%)  | 14.5  | ●      | ↔     |  |       |        |       |

# 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!