# Green Deal Country Fiche

## Mauritius

| | |
|---|---|
| **Population in 2019** 1,27 million habitants | **Projected population in 2050** 1,18 million habitants |

| **Surface** 2,0 thousands km² | **Population density (2019)** 633 habitants per km² | **GDP per capita** 11.099,24 US$ (2019) |
|---|---|---|

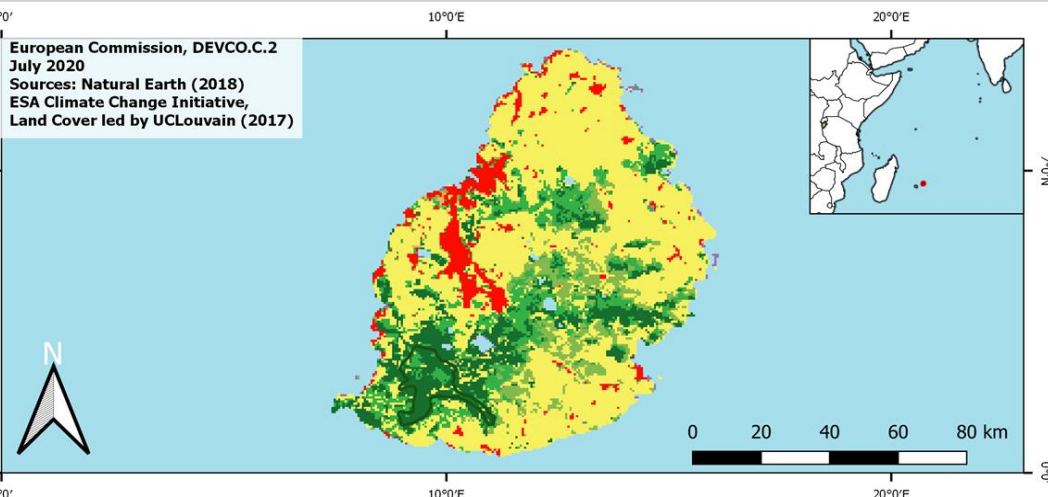| **Population living below 1,90 $/day** 0,20 % in 2017 | **Human Development Index** 0,80 (2019, UN target: >0,8) |
|---|---|



**Legend**
Main Protected Areas
**Land Cover Classes**
Cropland rainfed
Cropland irrigated
Mosaic crops/nat.veg
Tropical dense forest
Deciduous forest
Coniferous forest
Mixed forest
Shrubland
Grassland
Sparse vegetation
Swamp forest
Mangrove
Swamps
Urban areas
Bare areas
Water bodies
Permanent snow and ice

European Commission, DEVCO.C.2
July 2020
Sources: Natural Earth (2018)
ESA Climate Change Initiative,
Land Cover led by UCLouvain (2017)

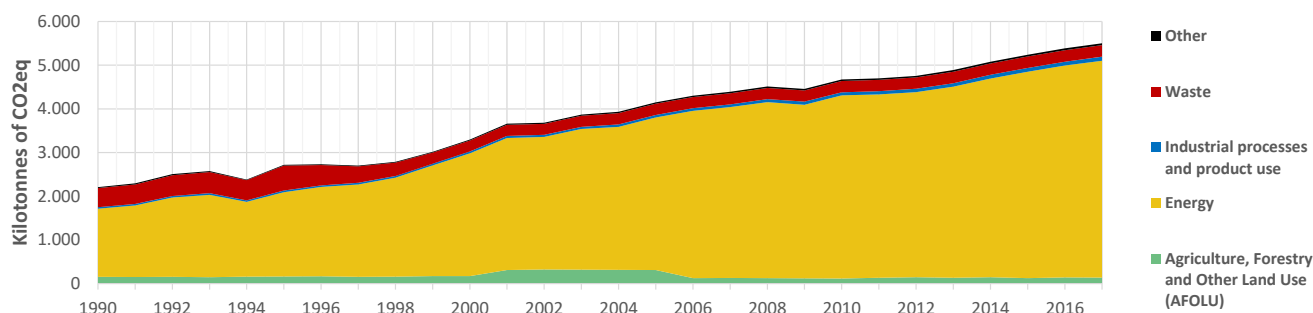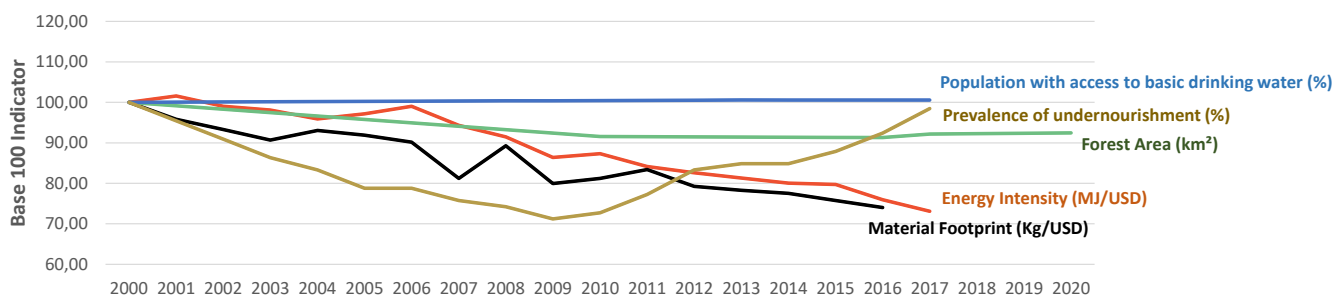| **Share of global emissions (2018)** 0,013% | **NDC: Mitigation Summary** (NDC from 2016) The Republic of Mauritius conditionally aspires to abate its greenhouse gas emissions by 30% by 2030 relative to the business as usual scenario of 7 MtCO2eq. The mitigation contribution focuses on energy, transportation, industry, AFOLU and waste. | **INTPA "NDC Group"** Group 3 - Suggested focus on adaptation for EU cooperation |
|---|---|---|

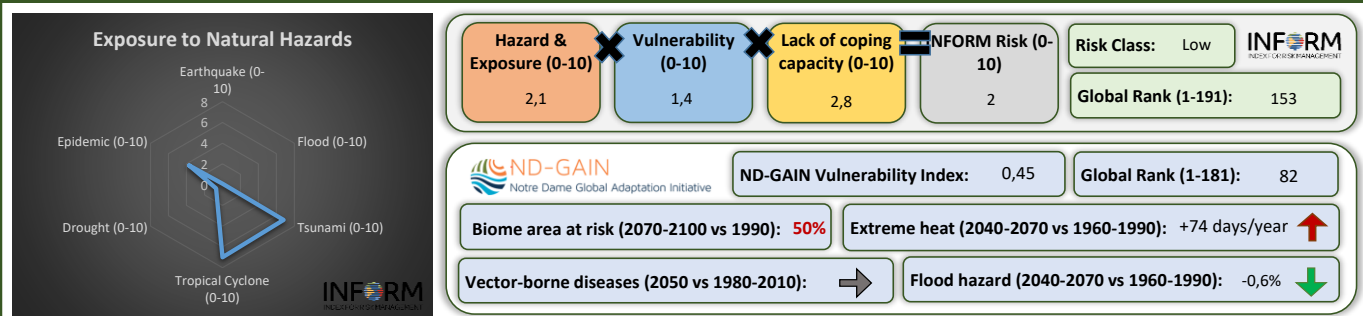| Pillar | Indicator Name and Unit | Value | Interpretation |
|---|---|---|---|
| **Green, circular and low-carbon economy** | Ecological footprint (Consumption in global hectares per capita, 2017) | 3,06 gh/cap | Above the global sustainable threshold of 1,6 gha per capita |
| | Recycling and composting rate (% of total solid waste, 2017) | 9% | Low recycling and composting rate (overall EU-27 value = 45%) |
| | Water productivity (USD of GDP per m³ of water extracted, 2017) | 17,63 $/m³ | Less water efficient than EU average, but within range of EU MS |
| | Material footprint (Kg of raw materials used per USD of GDP, 2010) | 2,1 kg/$ | Larger footprint than EU average (0,97), but within range of EU MS |
| | Sustainable Consumption and Production Policy Framework (2017) | B1 | Policy framework for SCP, but lacks a coordination mechanism |
| | Change in emissions (production) vs change in GDP (2007-2017) | +26% / +63% | Relative decoupling: emissions increased, but slower than GDP |
| **Biodiversity & Forests** | Terrestrial protected areas (% of total land area, 2020) | 4,77% | Significant efforts are needed to meet CBD Target of 17% by 2020 |
| | Threatened species (% of total evaluated species, 2019) | 12,49% | High share of threatened species, risk missing SDG target 15.5 |
| | Population around protected areas (% total pop., 10km buffer, 2015) | 86,04% | Very significant share of population - Landscape approach is key |
| | Forest area change (% change between 2015 and 2020) | +1,23 % | Forest cover is increasing, SDG Target 15.2 achieved |
| | Sustainable forest management (% area with long-term plan, 2020) | 21,33% | Significant efforts needed to meet SDG Target 15.2 (100% by 2020) |
| | Employment in forestry (number of full-time equivalents, 2015) | 3800 FTE | Medium share of employment (0,5%-1% of total labor force, 2015) |
| **Green and Smart Cities** | Proportion of urban population living in slums (% in 2016) | NA | No Data |
| | Satisfaction with public transport (% satisfied, 2018) | 71,87% | Medium satisfaction (UN SDSN interpretation) |
| | Solid waste uncollected or dumped in the open (% of total, 2017) | 2% | Some efforts are still needed to meet SDG Target 11.6 |
| | Wastewater receiving primary treatment (% of total) | 10,00% | Significant efforts needed to ensure at least full primary treatment |
| | Urban air pollution (μg/m³ of PM 2.5 particules, 2016) | 13,52 μg/m³ | Within EU 2020 target (18μg/m³), above WHO guideline (10μg/m³) |
| | Alignment of national DRR strategies to Sendai Framework (0-1 Score) | NA | No Data |
| **Sustainable Energy** | Access to electricity (% of population, 2018) | 97,47% | Some efforts still needed to meet SDG Target 7.1 of 100% by 2030 |
| | Renewable energy (% of total energy consumption, 2016) | 10,34% | Low share, increases needed to contribute to SDG Target 7.2 |
| | Renewable electricity (% of electricity production, 2015) | 22,72% | Medium share of renewable electricity |
| | Access to clean cooking (% of total population with access, 2018) | 92,90% | Some efforts still needed towards universal access to clean cooking |
| | Fossil fuel subsidies (% of GDP, 2015) | NA | No Data |
| | Energy Intensity (megajoules per constant 2011 PPP GDP, 2017) | 2,31 MJ/$ | Energy Intensity within range of EU-MS, below the EU-27 average |
| **Food systems: from Farms to Forks** | Rural poverty (% of rural population below 1$90 a day, 2018) | NA | No Data |
| | Food security (% of pop in moderate or severe insecurity, 2016-2018) | 18,50% | Progress is still needed to meet SDG Target 2.1 of 0% by 2030 |
| | Nutrition (% of children under 5 who are stunted, 2019) | NA | No Data |
| | Fertilizer consumption (kg per hectare, 2016) | 235,31 kg/ha | Among top 25% of countries with most intensive fertilizer use |
| | Land degradation (national area with declining productivity 1999-2013) | 0,05% | Progress is still needed to meet SDG Target 15.3 of 0% by 2030 |
| | Agriculture and FOLU share of emissions (% of CO2eq in 2017) | 2,54% | Low emission shares from Agriculture, Forestry and Other Land Use |
| **Water & Oceans** | Population using at least basic drinking water (% of pop., 2017) | 99,87% | Some progress still needed to meet SDG Target 6.1 (100% by 2030) |
| | Population using at least basic sanitation services (% of pop., 2017) | 95,50% | SDG Target 6.2 (100% by 2030) is on track for achievement, but |
| | Water scarcity (m³ of renewable freshwater per capita, 2014) | NA | No Data |
| | Water stress (water withdrawal as % of total available water, 2014) | 26,35% | Medium water stress, but still within ecological requirements |
| | Marine protected areas (% of total marine area, 2020) | 0,00% | Significant efforts needed to achieve CBD Target of 10% by 2020 |
| | Fish stocks overexploited or collapsed (% of fish stocks, 2014) | 47,94% | SDG Target 14.4 (0% by 2020) not met, significant efforts needed |

## Greenhouse Gas Emission History (Production-based)



Kilotonnes of CO2eq

Legend:
- Other
- Waste
- Industrial processes and product use
- Energy
- Agriculture, Forestry and Other Land Use (AFOLU)

FAOSTAT, 2020. Using GWP from IPCC Fifth Assessment Report (AR5, 2014) and emission sectors from IPCC 2006 guidelines.

## Historic Trends of selected indicators per Green Deal Pillar (Base 100)



Base 100 Indicator

- Population with access to basic drinking water (%)
- Prevalence of undernourishment (%)
- Forest Area (km²)
- Energy Intensity (MJ/USD)
- Material Footprint (Kg/USD)

## Climate Adaptation Needs

### Exposure to Natural Hazards



Earthquake (0-10)
Epidemic (0-10)
Flood (0-10)
Drought (0-10)
Tsunami (0-10)
Tropical Cyclone (0-10)

INFORM

| Hazard & Exposure (0-10) | Vulnerability (0-10) | Lack of coping capacity (0-10) | INFORM Risk (0-10) |
|---|---|---|---|
| 2,1 | 1,4 | 2,8 | 2 |

Risk Class: Low
Global Rank (1-191): 153

INFORM INDEX FOR RISK MANAGEMENT

ND-GAIN Notre Dame Global Adaptation Initiative

ND-GAIN Vulnerability Index: 0,45    Global Rank (1-181): 82

Biome area at risk (2070-2100 vs 1990): **50%**    Extreme heat (2040-2070 vs 1960-1990): +74 days/year ↑

Vector-borne diseases (2050 vs 1980-2010): →    Flood hazard (2040-2070 vs 1960-1990): -0,6% ↓

## Environmental Performance Index 2020

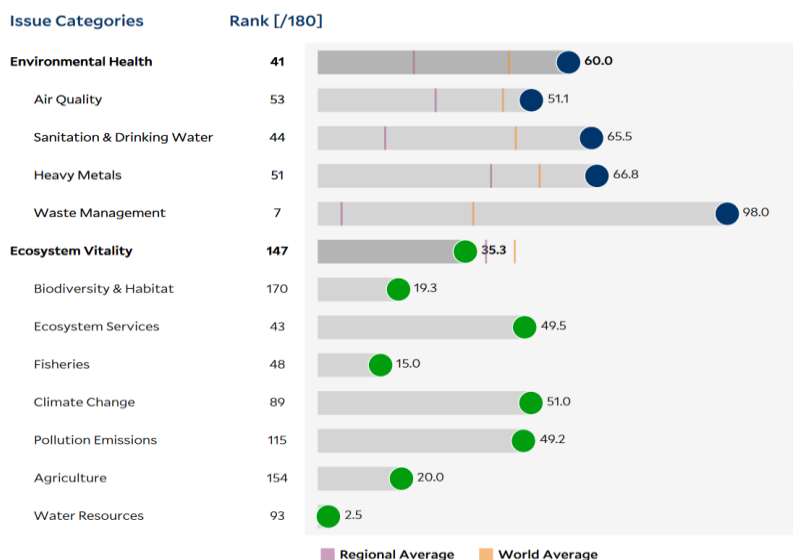EPI Environmental Performance Index 2020

2020 EPI Country Rank (out of 180)
**82**

2020 EPI Score [0=worst, 100=best]
**45,1**

| Issue Categories | Rank [/180] | |
|---|---|---|
| **Environmental Health** | 41 | 60.0 |
| Air Quality | 53 | 51.1 |
| Sanitation & Drinking Water | 44 | 65.5 |
| Heavy Metals | 51 | 66.8 |
| Waste Management | 7 | 98.0 |
| **Ecosystem Vitality** | 147 | 35.3 |
| Biodiversity & Habitat | 170 | 19.3 |
| Ecosystem Services | 43 | 49.5 |
| Fisheries | 48 | 15.0 |
| Climate Change | 89 | 51.0 |
| Pollution Emissions | 115 | 49.2 |
| Agriculture | 154 | 20.0 |
| Water Resources | 93 | 2.5 |

Legend: Regional Average | World Average

## SDG Index 2020
### (UN SDSN & Bertelsmann Stiftung)



1 NO POVERTY
2 ZERO HUNGER
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND

Legend:
- SDG achieved
- Challenges remain
- Significant challenges remain
- Major challenges remain
- Information unavailable