Green Deal Country Fiche

Eswatini

Population in 2019 1,15 million habitants	**Projected population in 2050** 1,70 million habitants

Surface 17,4 thousands km²	**Population density (2019)** 66 habitants per km²	**GDP per capita** 3.894,68 US$ (2019)

Population living below 1,90 $/day 29,20 % in 2016	**Human Development Index** 0,61 (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)

0 20 40 60 80 100 km
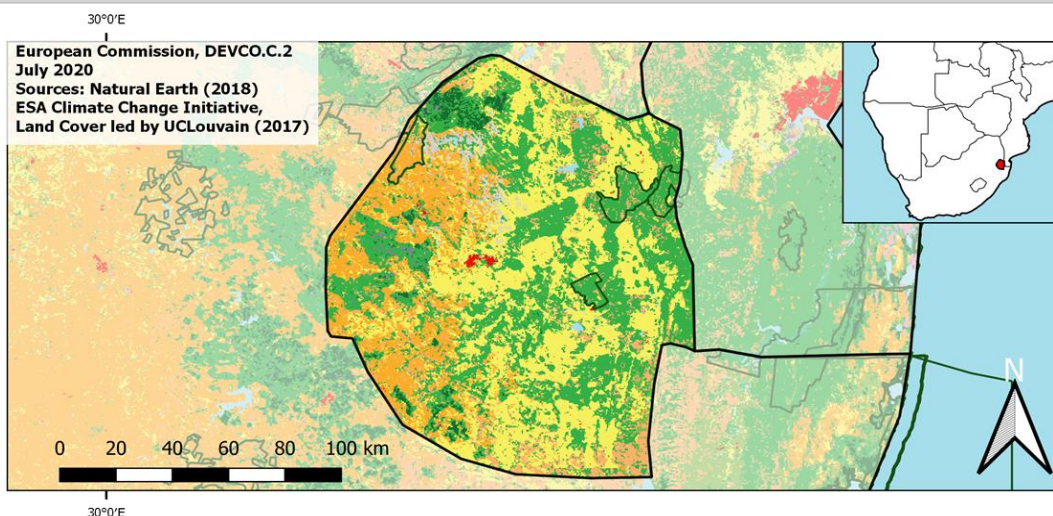
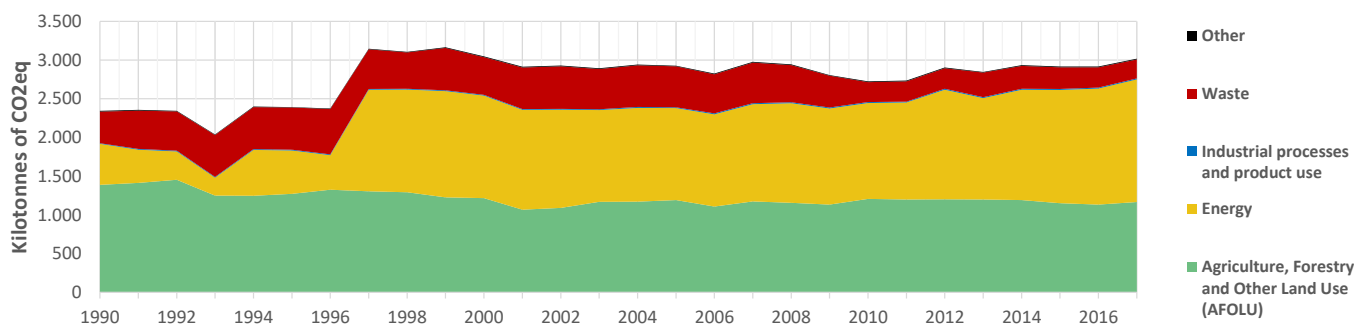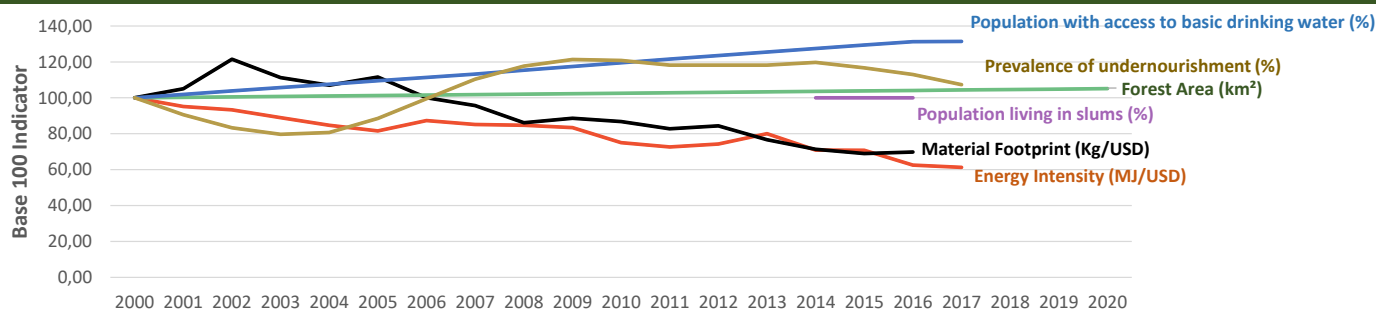| **Share of global emissions (2018)** 0,003%	**NDC: Mitigation Summary** (NDC from 2016) Eswatini aims to (1) establish a GHG inventory and trajectory; (2) double the share of renewable energy by 2030 relative to 2 010 levels; (3) introduce a 10% ethanol blend in petrol for use in all vehicles; (4) phase out of HFCs, PFCs and SF6 gases.	**INTPA "NDC Group"** Group 3 - Suggested focus on adaptation for EU cooperation

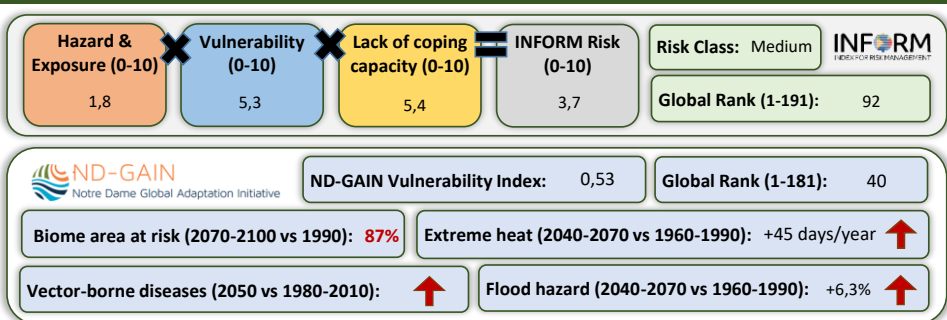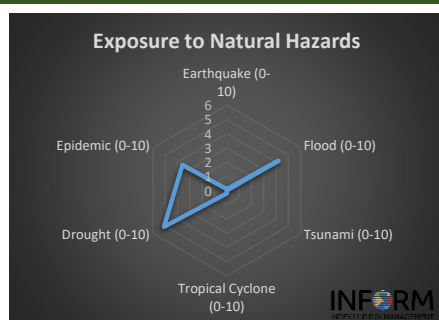| Pillar	Indicator Name and Unit	Value	Interpretation
Green, circular and low-carbon economy	**Ecological footprint** (Consumption in global hectares per capita, 2017)	1,88 gh/cap	Above the global sustainable threshold of 1,6 gha per capita
	Recycling and composting rate (% of total solid waste, 2017)	<5%	No or very low rate of recycling and composting (min EU MS = 7%)
	Water productivity (USD of GDP per m³ of water extracted, 2011)	2,97 $/m³	Highly inefficient use of water resources
	Material footprint (Kg of raw materials used per USD of GDP, 2010)	2,38 kg/$	Larger footprint than all EU-27 Member States
	Sustainable Consumption and Production Policy Framework (2017)	D	No policy framework for SCP has been reported to the UN
	Change in emissions (production) **vs change in GDP** (2007-2017)	+3% / +28%	Relative decoupling: emissions increased, but slower than GDP
Biodiversity & Forests	**Terrestrial protected areas** (% of total land area, 2020)	4,19%	Significant efforts are needed to meet CBD Target of 17% by 2020
	Threatened species (% of total evaluated species, 2019)	3,22%	Further conservation efforts needed to secure SDG Target 15.5
	Population around protected areas (% total pop., 10km buffer, 2015)	36,15%	Important share of population - consider landscape approach
	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)	0,07%	Significant efforts needed to meet SDG Target 15.2 (100% by 2020)
	Employment in forestry (number of full-time equivalents, 2015)	NA	No Data
Green and Smart Cities	**Proportion of urban population living in slums** (% in 2016)	32,70%	Further efforts needed for SDG Target 11.1 (upgrade by 2030)
	Satisfaction with public transport (% satisfied, 2018)	63,56%	Medium satisfaction (UN SDSN interpretation)
	Solid waste uncollected or dumped in the open (% of total, 2017)	100%	Significant efforts are needed to meet SDG Target 11.6
	Wastewater receiving primary treatment (% of total)	75,00%	Further efforts needed to ensure at least full primary treatment
	Urban air pollution (µg/m³ of PM 2.5 particules, 2016)	16,16 µg/m³	Within EU 2020 target (18µg/m³), above WHO guideline (10µg/m³)
	Alignment of national DRR strategies to Sendai Framework (0-1, 2018)	0,53	Moderate alignment with the Sendai Framework (0,5 to < 0,75)
Sustainable Energy	**Access to electricity** (% of population, 2018)	76,50%	Further efforts still needed to meet SDG Target 7.1 of 100% by 2030
	Renewable energy (% of total energy consumption, 2016)	60,87%	High share of renewables in total energy consumption
	Renewable electricity (% of electricity production, 2015)	46,57%	Medium share of renewable electricity
	Access to clean cooking (% of total population with access, 2018)	52,40%	Further efforts still needed for universal access to clean cooking
	Fossil fuel subsidies (% of GDP, 2015)	NA	No Data
	Energy Intensity (megajoules per constant 2011 PPP GDP, 2017)	4,05 MJ/$	Energy Intensity above EU average, but still within range of EU MS
Food systems: from Farms to Forks	**Rural poverty** (% of rural population below 1$90 a day, 2016)	35,00%	Significant efforts needed to achieve SDG Target 1.1 (0% by 2030)
	Food security (% of population in food crisis or worse, 2019)	25,00%	Significant efforts needed to meet SDG Target 2.1 of 0% by 2030
	Nutrition (% of children under 5 who are stunted, 2014)	25,50%	Significant efforts needed to meet SDG Target 2.2 of 0% by 2030
	Fertilizer consumption (kg per hectare, 2016)	NA	No Data
	Land degradation (national area with declining productivity 1999-2013)	8,51%	Progress is still needed to meet SDG Target 15.3 of 0% by 2030
	Agriculture and FOLU share of emissions (% of CO2eq in 2017)	38,65%	Medium share of emissions - Relevant for climate mitigation
Water & Oceans	**Population using at least basic drinking water** (% of pop., 2017)	69,01%	Further progress needed to meet SDG Target 6.1 (100% by 2030)
	Population using at least basic sanitation services (% of pop., 2017)	58,40%	Significant efforts needed to meet SDG Target 6.2 (100% by 2030)
	Water scarcity (m³ of renewable freshwater per capita, 2014)	2038 m³/cap	Water shortages should be only irregular/local (>1700m³/capita)
	Water stress (water withdrawal as % of total available water, 2014)	32,35%	Medium water stress, but still within ecological requirements
	Marine protected areas (% of total marine area, 2020)	Landlocked	Indicator not relevant because the country is landlocked
	Fish stocks overexploited or collapsed (% of fish stocks, 2014)	Landlocked	Indicator not relevant because the country is landlocked

Greenhouse Gas Emission History (Production-based)

Legend:
- Other (black)
- Waste (red)
- Industrial processes and product use (blue)
- Energy (yellow)
- Agriculture, Forestry and Other Land Use (AFOLU) (green)

Y-axis: Kilotonnes of CO_2eq

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)

Y-axis: Base 100 Indicator

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

Climate Adaptation Needs

Exposure to Natural Hazards

Radar axes: Earthquake (0-10), Flood (0-10), Tsunami (0-10), Tropical Cyclone (0-10), Drought (0-10), Epidemic (0-10)

Hazard & Exposure (0-10)	✕	Vulnerability (0-10)	✕	Lack of coping capacity (0-10)	=	INFORM Risk (0-10)
1,8		5,3		5,4		3,7

Risk Class: Medium

INFORM — INDEX FOR RISK MANAGEMENT

Global Rank (1-191): 92

ND-GAIN — Notre Dame Global Adaptation Initiative

ND-GAIN Vulnerability Index:	0,53	Global Rank (1-181):	40
Biome area at risk (2070-2100 vs 1990):	87%	Extreme heat (2040-2070 vs 1960-1990):	+45 days/year ↑
Vector-borne diseases (2050 vs 1980-2010):	↑	Flood hazard (2040-2070 vs 1960-1990):	+6,3% ↑

Environmental Performance Index 2020

2020 EPI Country Rank (out of 180)
137

2020 EPI Score [0=worst, 100=best]
33,8

Issue Categories	Rank [/180]	Score
Environmental Health	**169**	17.6
Air Quality	162	21.1
Sanitation & Drinking Water	162	12.6
Heavy Metals	123	40.2
Waste Management	133	0.0
Ecosystem Vitality	**93**	**44.6**
Biodiversity & Habitat	137	38.4
Ecosystem Services	141	24.0
Fisheries	0	0.0
Climate Change	64	56.9
Pollution Emissions	86	60.5
Agriculture	74	41.1
Water Resources	79	5.7

Legend: Regional Average, World Average

SDG Index 2020
(UN SDSN & Bertelsmann Stiftung)

SDG icons: 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