



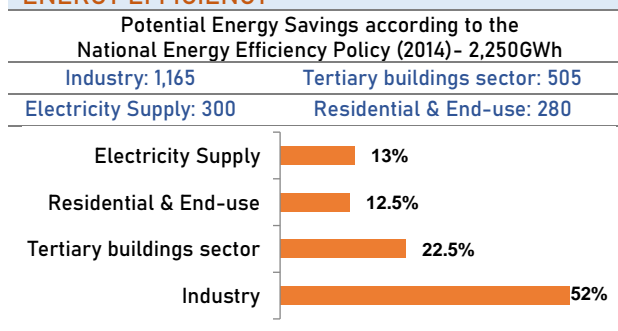
SOCIO ECONOMIC INDICATORS

Independence	1960
Area	475,442 km ² , 10 main Regions
Population	27.2 million (2021) – Urban: 58%
Population growth rate	2.6% (2021)
Life expectancy	61 years (2020)
Languages	Officials: French, English
Foreign direct investment, net inflows (% of GDP)	1.9% (2021)
GDP (current USD)	45.34 billion (2021)
GDP growth rate (annual)	3.6% (2021)
Human capital Index	0.4 (2020)
Inflation, consumer prices (annual)	2.3% (2021)
Poverty headcount ratio (at 2.25\$ a day)	25.7% (2014)
Forest area (% of land area):	43% (2020)

STAKEHOLDERS

Institutional	Ministry of Water Resources and Energy (MINEE) ; Ministry of Mines, Industry and Technological Development (MINMIDT); Ministry of Transports (MINT); Ministry of Forest and Wildlife (MINFOF); Ministry of Scientific Research and Innovation (MINRESI); Ministry of Environment (MINEPDED)
Electricity	ENEO, NHPC, Globeleg Group, SONATREL, ARSEL, AER, EDC, Hydro Mekin, KPDC, DPDC
Oil and Gas	SONARA, SCDP, CSPH, SNH, HYDRAC, TRADEX, PERENCO RDR, ADDAX, PERENCO-CAMEROON; Marketers (T&D)
Partners	EDF, AGGREKO, SCATEC, HYDROMINE

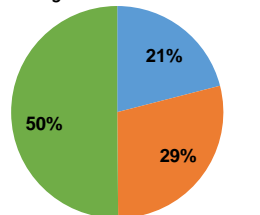
ENERGY EFFICIENCY



ENERGY CONSUMPTION AND SUPPLY

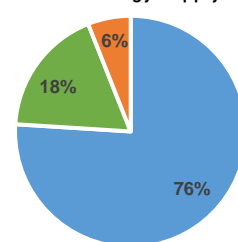
Total energy supply (2019): 407,648 TJ
Total Energy Consumption (2020): 10 Mtoe
Fossil fuel energy consumption (2014): 38.8%
Part of fossil energy in the electric package (2014): 46%
Fuel consumption for electricity generation (Millions litres - 2013) Diesel: 49.32; Fuel Oil: 67.78; Natural gas: 117.76
Access to clean fuels and technologies for cooking (% of population-2020) - Total: 22%; Rural: 2.4%; Urban: 37.9%
Electric power consumption per capita: (2014) : 280kWh

Fuel consumption for electricity generation



■ Diesel ■ Fuel Oil ■ Natural gas

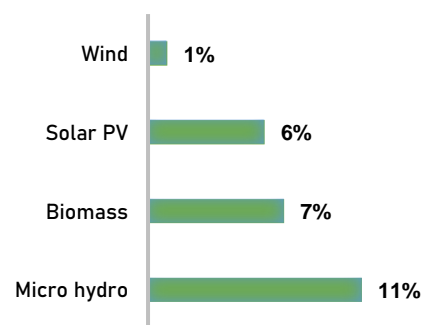
Total energy supply



■ Renewables ■ Oil ■ Gas

RENEWABLE ENERGY

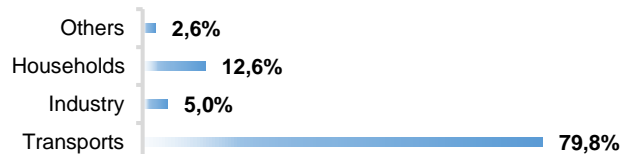
Section 63: The following shall be considered as renewable energy:	<ul style="list-style-type: none"> Solar, thermal and photovoltaic energy Wind energy Hydro power, less than 5MW Biomass energy Geothermal energy Marine energy
Law 2011, governing the electricity sector	
Objective	25% of Renewable Energy in the energy mix by 2035
Potential	<ul style="list-style-type: none"> Small hydro power and Biomass: 243 sites identified in 2014 Solar: 2,327 TWh/day Wind: Possibility to install 40MW
Renewable Energy consumption (% of total final energy consumption - 2019): 79.41%	
Electricity production from renewable sources, excluding hydroelectric (% of total – 2015): 1.1%	



Energy mix in 2035

OIL AND GAS

Annual crude oil production (2021): 63,000 barrels/day
Oil reserves (2021): 200 million barrels
Consumption of natural gas (2015): 10.1 billion cubic feet
Natural gas production (2015): 13.05 billion cubic feet
Prices: Super (1.12€/L); Gasoil (1.1€/L); Gas (10€/bottle of 12.5Kgs)
Ratio: Reserves / Oil production (R/P)
<ul style="list-style-type: none"> R/P (2014): 8.07 years R/P (2021): 3.17 years



Oil consumption per sector



ELECTRICITY

Utility Company ENEO (Private: 56%; Public: 44%), in charge of partial production and 100% distribution.

Independent Power Producers (IPPs)

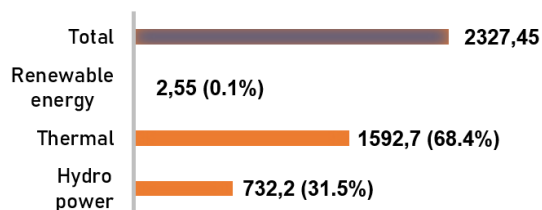
- Kribi Power Development Corporation (KPDC - Natural Gas)
- Dibamba Power Development Company (DPDC -Heavy fuel)

Installed capacity (2014): 2,327.5 MW
 Electricity Production (2021) : 6,446 GWh
 Electricity Consumption (2021) : 6,084 GWh
 Electric power consumption per capita (2014) : 280kWh
 Electricity production from oil, gas and charcoal (2015): 23,9%

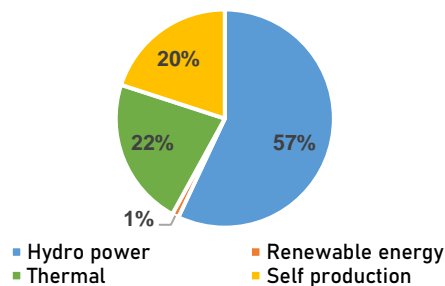
- In 2014, Cameroon had a total of 37,194 km of power lines, including the following:
 - 796 km of 225 kilovolts (kV) lines
 - 338 km of 110 kV lines
 - 1,210 km of 90 kV lines
 - 17,473 km of Medium Voltage Lines
 - 17,377 km of Low Voltage Lines
- In 2021, investments made by ENEO conducted to build 593 km of power lines and thus improve access to electricity. Indeed, 385 km of overhead medium voltage lines were built in 2021; 59.7 km of underground medium voltage lines and 148 km of overhead LV lines

The distribution network have 11,450 km of lines from 5.5 to 33kV and 11,158 km of lines from 220 to 380kV

Electricity production from natural gas (2015) : 6%
 Electricity production from oil source (2015) : 17,9%
 Subscribers (2021): 1,690,801. 45% based in Yaounde and Douala
 Electricity access (2020): Urban: 94%; Rural: 25%; Total: 64.7%
 Electrification rate (2015): Urban: 39%; Rural: 6%; Total: 23%



Installed capacity (MW-2014)



Electricity generation

BIOMASS

Biomass energy potential: 21 million hectares and the country is ranked the 3rd largest biomass potential in sub-Saharan Africa

Power generation from agricultural residues is dominated by SOSUCAM (sugar company), with a share of more than 80%

Biomass energy consumption (2015): 6,092 Ktoe (74.22% of primary energy consumption)

Forestry residues potential (2003): 176,663 to 301,862 tons, corresponding to an energy potential of 3,180 to 5,434 TJ

Annual consumption of wood energy (2014)

Urban: Wood (2,203,496 tons); charcoal (356,530 tons)
Rural: Wood (4,000,000 tons); charcoal (marginal)

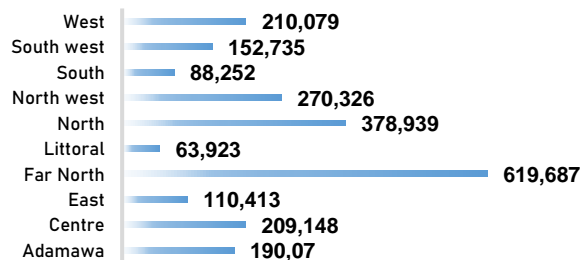
Agro industrial residues : few industries are currently valorizing industrial wastes for the production of electricity: SOSUCAM, CDC, PAMOL, SOCAPALM, with about 34,9 GWh.

Agricultural residues potential: Non evaluated

A project implemented by UNIDO led to the construction of two biomass plants in 2022 : total installed capacity 125kW

OFF-GRID SECTOR

Households and Population	Buffer 10 Km	Buffer 20 Km	Buffer 30 Km
Non-electrified households	5,918	7,406	8,678
Non-electrified households percentage remaining to electrify	60%	76%	88%
Non-electrified population	3,606,809	4,470,699	5,168,997
Non-electrified population percentage remaining to electrify	62%	77%	88%



Distance of non-electrified households from the grid (2016)

Total non-electrified population (2016)

SOURCES: ENEO, ENERDATA, ENERGYDATA, GIZ, IEA, IRENA, MINEE, UNIDO, USAID (POWER AFRICA), WORLD BANK



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