

# Namibia

Energy Efficiency/CO2 <sup>1</sup> Indicators	Units	1980	1990	2000	2005
<b>Key indicators</b>					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	n.a.	n.a.	0,099	0,111
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	n.a.	n.a.	0,082	0,096
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	n.a.	n.a.	0,089	0,102
Final energy intensity (at ppp)	koe/\$95p	n.a.	n.a.	0,072	0,081
Final energy intensity at 1995 GDP structure <sup>3</sup> (ppp)	koe/\$95p	n.a.	n.a.	0,070	0,086
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	n.a.	n.a.	0,064	0,074
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	n.a.	0,177	0,214
CO2 emissions per capita	tCO2/cap	n.a.	n.a.	0,95	1,33
<b>Industry</b>					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	n.a.	n.a.	0,025	0,023
Energy intensity of manufacturing (at ppp)	koe/\$95p	n.a.	n.a.	0,015	n.a.
Energy intensity of chemicals industry (at ppp)	koe/\$95p	n.a.	n.a.	n.a.	n.a.
Unit consumption of steel	toe/t	n.a.	n.a.	n.a.	n.a.
CO2 intensity of industry <sup>2</sup> (to value added) (at ppp)	kCO2/\$95p	n.a.	n.a.	0,075	0,072
CO2 emissions of industry <sup>2</sup> per capita	tCO2/cap	n.a.	n.a.	0,09	0,11
<b>Transport</b>					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	n.a.	n.a.	0,038	0,045
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	n.a.	n.a.
Unit consumption of goods per ton km	toe/tkm	n.a.	n.a.	n.a.	n.a.
CO2 intensity of transport to GDP (at ppp)	kCO2/\$95p	n.a.	n.a.	0,112	0,133
CO2 emissions of transport per capita	tCO2/cap	n.a.	n.a.	0,60	0,83
<b>Residential, service and agriculture sectors</b>					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	n.a.	n.a.	0,027	0,032
Average electricity consumption of households per capita	kWh/cap	n.a.	n.a.	n.a.	n.a.
Average electricity consumption per household	kWh/hh	n.a.	n.a.	n.a.	n.a.
Average electricity consumption of electrified households	kWh/hh	n.a.	n.a.	n.a.	n.a.
Households consumption for electrical appliances and lighting	kWh/hh	n.a.	n.a.	n.a.	n.a.
Energy intensity of service sector (to value added) (at ppp)	koe/\$95p	n.a.	n.a.	0,001	0,001
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	n.a.	n.a.	n.a.	n.a.
Unit consumption of services per employee	toe/emp	n.a.	n.a.	0,01	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	n.a.	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	n.a.	n.a.	0,098	0,158
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	n.a.	n.a.	n.a.
CO2 emissions of residential sector per household	tCO2/hh	n.a.	n.a.	n.a.	n.a.
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	n.a.	0,002	0,002
CO2 emissions of service sector per employee	tCO2/emp	n.a.	n.a.	0,02	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	n.a.	0,302	0,486
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	n.a.	0,18	0,27
<b>Transformation sector</b>					
Overall efficiency of energy transformations	%	n.a.	n.a.	96,6	95,5
Efficiency of total electricity generation	%	n.a.	n.a.	95,2	94,8
Rate of electricity transmission-distribution losses	%	n.a.	n.a.	18,4	28,3
Efficiency of thermal power plants	%	n.a.	n.a.	32,1	31,6
<b>Diffusion of energy/CO2 efficient technologies and practices</b>					
Per capita installed capacity of solar water heaters	m <sup>2</sup> /1000inhab	n.a.	n.a.	n.a.	n.a.
Share of biofuels in road transport energy consumption	%	n.a.	n.a.	0	0
Share of biomass in industry energy consumption	%	n.a.	n.a.	0	0
Share of renewables in electricity generating capacity	%	n.a.	n.a.	63,4	63,4
Share of renewables in gross electricity consumption	%	n.a.	n.a.	52,2	54,9

<sup>1</sup> CO2 from fuel combustion

<sup>2</sup> incl. autoproducers

<sup>3</sup> by main sector

GDP / PRICES	units	1980	1990	2000	2005
GDP per capita (at ppp)	\$95p/cap	6047	4825	5370	6192
Average electricity price (at ppp)	c95p/kWh	n.a.	n.a.	n.a.	n.a.
Average price of motor fuels (at ppp)	\$95p/l	n.a.	n.a.	n.a.	n.a.