

**ACCELERATING  
SDG 7  
ACHIEVEMENT  
SDG 7 POLICY  
BRIEFS** in support of the  
High-Level Political Forum  
2019



# KEY FACTS

## ELECTRIFICATION

**153 million** people gained access to electricity annually in 2016 and 2017.

**840 million** still remain without electricity access.

## CLEAN COOKING

**3 billion** people still cook by burning polluting fuels.

**3.8 million** people die prematurely from illnesses attributable to smoke from polluting open fires or simple stoves, majority are women and children.

## RENEWABLES

The share of renewables in total final energy consumption reached **17.5 %** in 2016.

**1/4** of the global electricity generation comes from renewables, thanks to the rapid expansion of solar PV and wind.

## EFFICIENCY

Global energy intensity has been improving at an accelerating rate of **2.3%** per year between 2010 and 2016.

Going forward, an annual improvement of **2.7%** is required to meet the global target.

## FINANCING

**US\$ 1.3-1.4 trillion** per year is required to meet SDG 7, i.e. twice the current level at about a half trillion dollars.

Off-grid solar solutions are the lowest-cost option for about **50%** of the future connections in sub-Saharan Africa.

## CURRENT STATUS

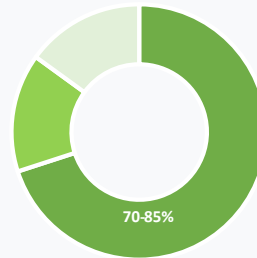
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## INTERLINKAGES

### CLIMATE

Energy-related CO2 emission in 2018 hit a historic high of **33.1 Gt**.

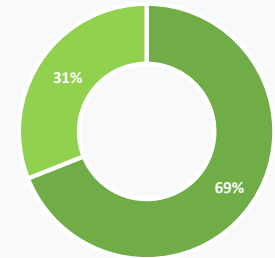
IPCC report on "Global Warming of 1.5 °C" determines that renewables are projected to supply **70 - 85 %** of electricity in 2050" in 1.5 °C pathways.



### EDUCATION

Only **69%** of primary schools have electricity access, leaving over

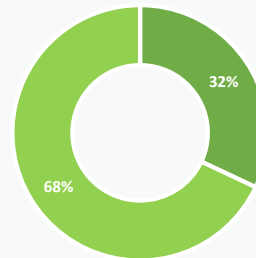
**230 million** children without any electricity at school, mostly in sub-Saharan Africa, South Asia and Latin America.



### EMPLOYMENT

**10.3 million** employment in the renewable energy sector, with **3.4 million** solar PV jobs, in 2017.

Women represent **32%** of the labour force in renewable energy sectors.



### SITUATIONS OF DISPLACEMENT

About **90 %** of over 65 million people worldwide forcibly displaced from their homes have no access to electricity.

**US\$ 1.2 billion**, i.e. about 5% of the total humanitarian agencies' expenditure went to diesel, petrol and associated costs in 2017.

