Atelier sur l'impact socio-économique de l'électrification décentralisée

13-14 novembre 2019

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AN INTERNATIONAL POLICY NETWORK

Governments:

Afghanistan, Brazil, Denmark, Dominican Republic, Germany, India, Mexico, Norway, Republic of Korea, South Africa, Spain, UAE, USA

Industry Associations:

AMDA, ARE, ACORE, APREN, ALER, CREIA, CEC, EREF, GOGLA, GSC, GWEC, IREF, IGA, IHA, RES4Africa, WBA, WWEA

Science & Academia:

AEE INTEC, Fundacion Bariloche, Higher School of Economics (Russia), IIASA, ISES, NREL, SANEDI, TERI

Intergovernmental Organisations:

ADB, APERC, ECREEE, EC, GEF, IEA, IRENA, IsDB, RCREEE, UNDP, UN Environment, UNIDO, World Bank

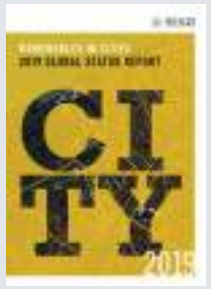
NGOs:

Club-ER, CLASP, CCA, CAN-I, CEEW, Energy Cities, FER, Global 100% RE, GFSE, GWNET, Greenpeace International, ICLEI, ISEP, IEC, JVE, MFC, SLoCaT, Power for All, REEEP, REI, SCI, WCRE, WFC, WRI, WWF

AN INTERNATIONAL POLICY NETWORK TO BUILD A SUSTAINABLE ENERGY FUTURE WITH RENEWABLES

Who we are

Global Status Report: yearly publication since 2005



Renewables in Cities Global Status Report

Knowledge

Regional Reports

Global Futures Reports

Thematic Reports

Network and Community

Debates

REN21 ACADEMY

KIREC SEOUL 2019

23-25 October 2019

Renewables Global Status Report

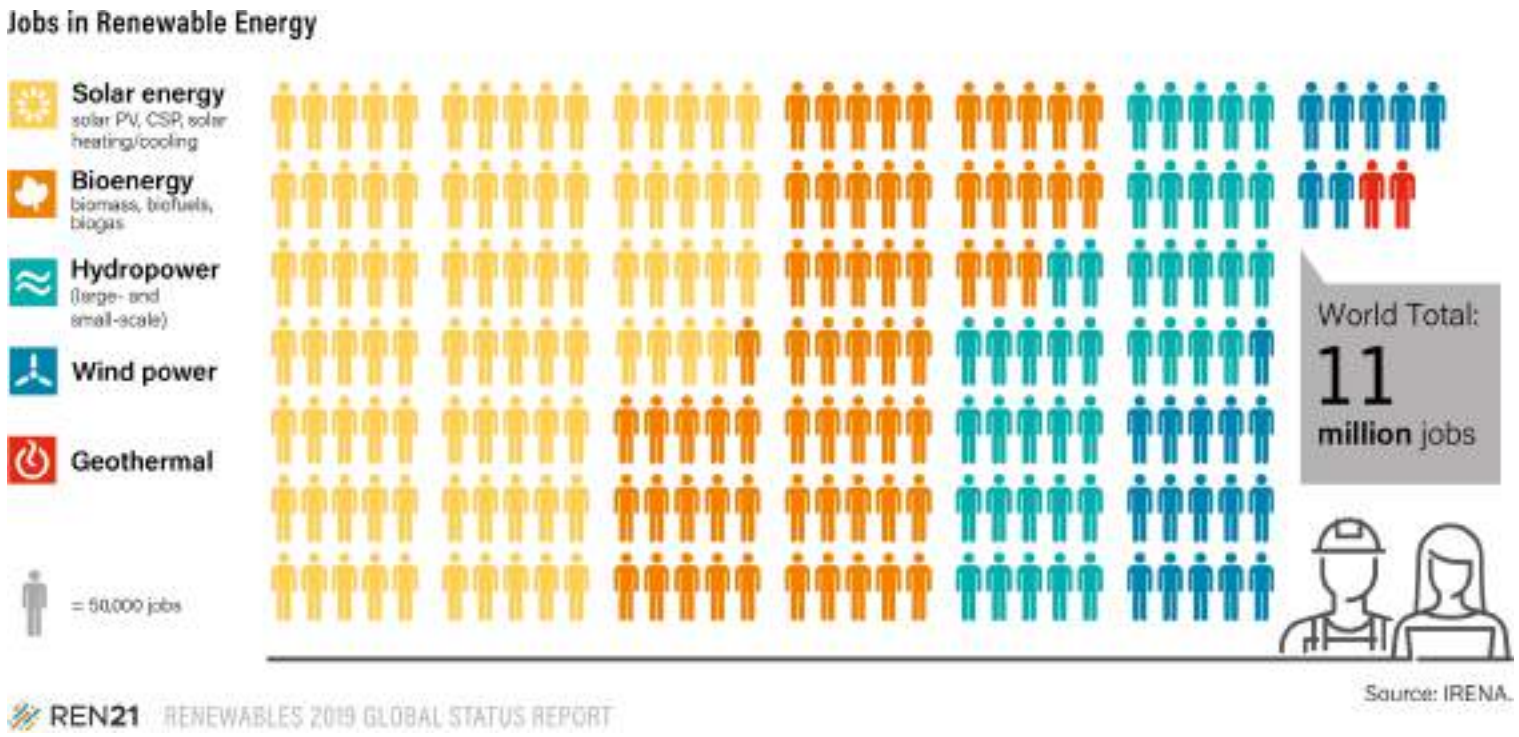
Collaborative annual reporting since 2005 building on **international expert community.**

The report features:

01. Global Overview
02. Policy Landscape
03. Market & Industry Trends
04. Distributed Renewables for Energy Access
05. Investment Flows
06. Energy Systems Integration and Enabling Technologies
07. Energy Efficiency
08. Feature: Renewable Energy in Cities

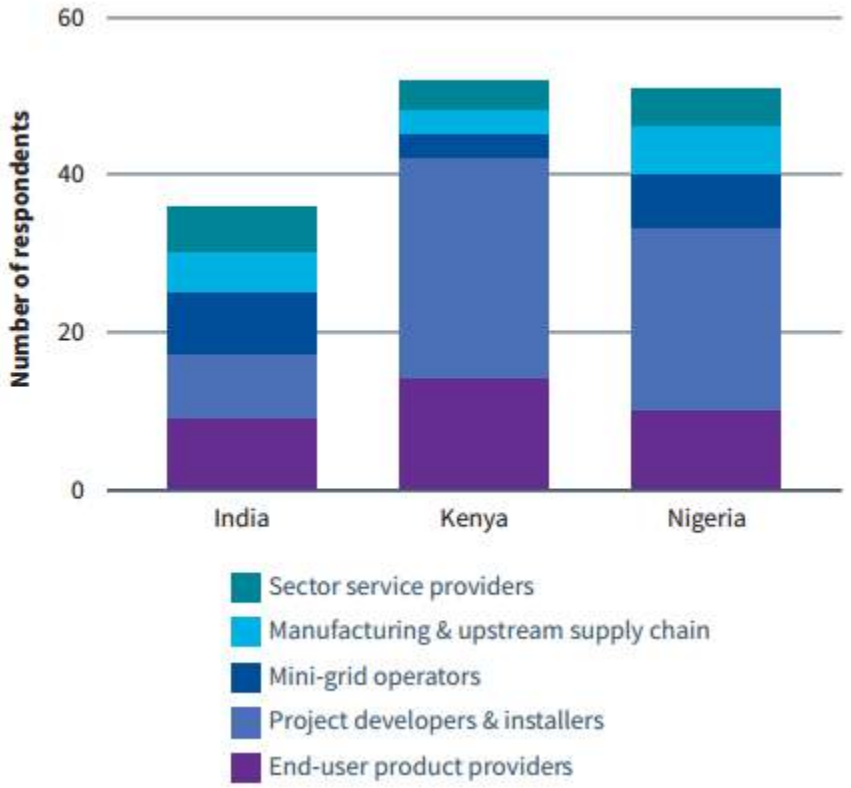
Jobs in renewable energy increase again in 2018

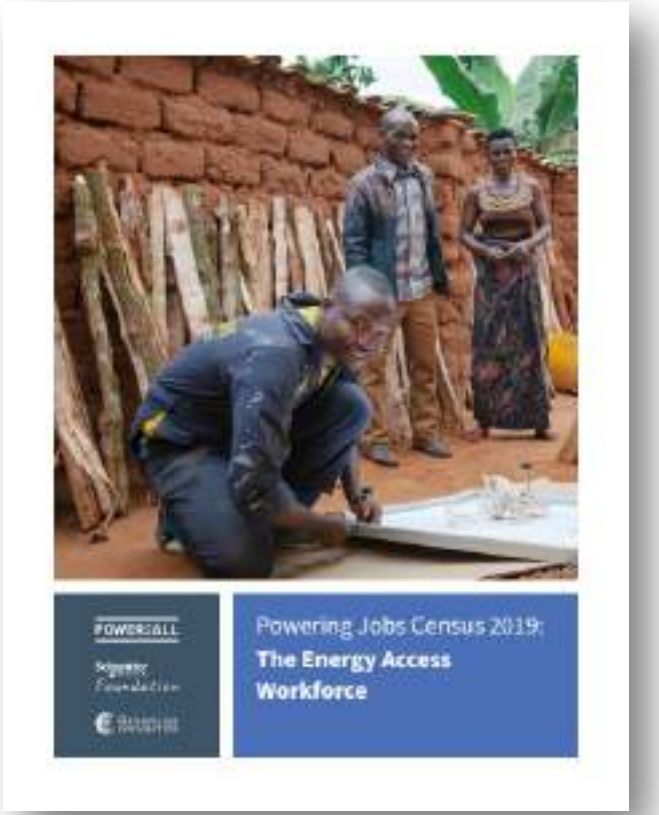
- Renewable energy sector employed around **11 million** people worldwide in 2018
- **Solar PV** was again the largest employer of all renewable energy industries
- The largest employer remained **China**, followed by the EU, Brazil, US, and India



Powering Jobs Census 2019: The Energy Access Workforce

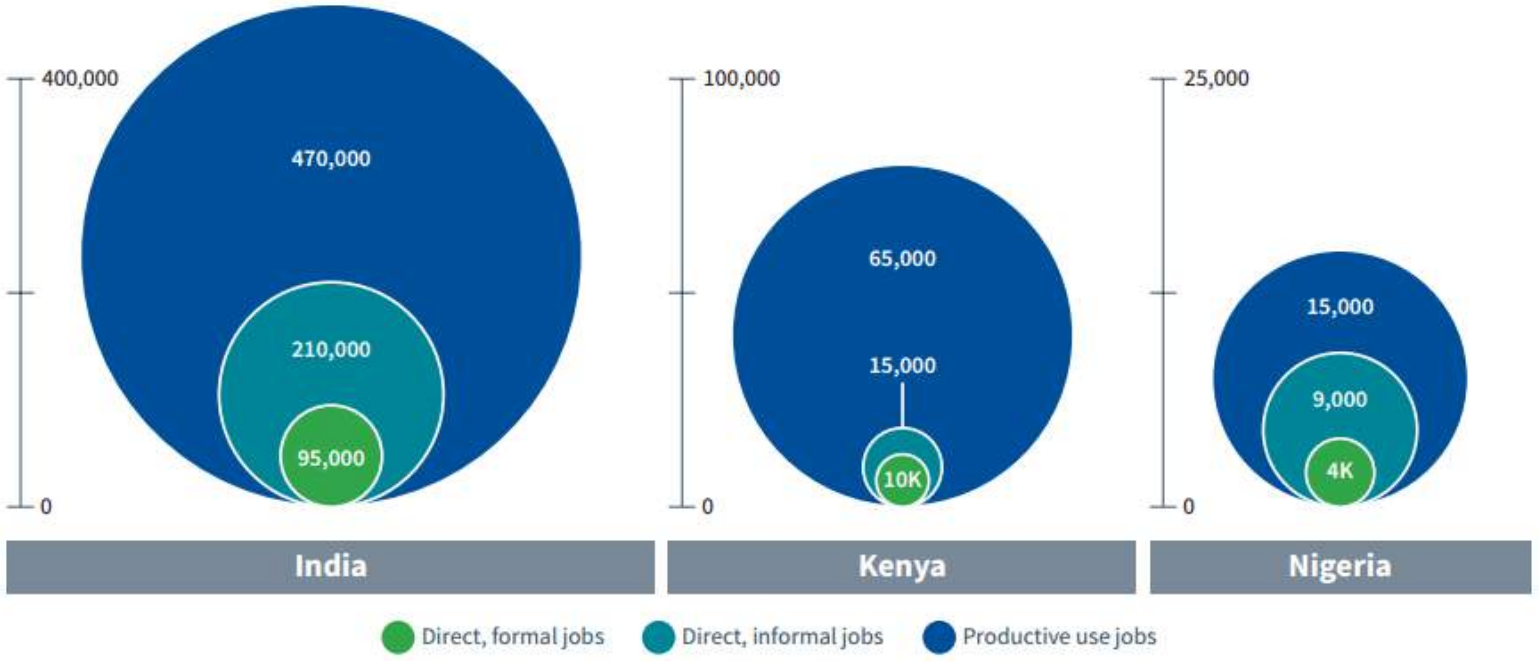
- **First comprehensive jobs census of the DRE sector**
- Covering pico-solar appliances, SHS, stand-alone and grid-tied C&I, mini-grids and productive use.
- In **3 countries**:
  - India
  - Kenya
  - Nigeria





Employment Impact in India, Kenya and Nigeria

- **109,000 direct, formal DRE jobs** across India, Kenya and Nigeria
- **2x:** size of **direct, informal workforce** compared to direct, formel workforce
- **5x**: estimated size of **productive use workforce** compared to direct, formal workforce



Pico-solar & SHS companies are currently the jobs engine of the DRE sector

	India	Kenya	Nigeria
2017-18	➜ **95,000** direct, formal jobs • **97%** provided by **pico-solar & SHS** companies • 2% by water pumps • 1% by C&I and micro-grids	➜ **10,000** direct, formal jobs • **78%** provided by **pico-solar & SHS** companies • 18% by the C&I sector • 4% by micro-grids & water pumps	➜ **4,000** direct, formal jobs • **71%** provided by the **C&I sector** (project developers & installers) • 26% by pico-solar & SHS • 3% by micro-grids

The DRE sector provides skilled, middle-income and longer-term work

More than

2/3rd

of the workforce is skilled, compared to 50% of the global utility-scale solar sector workforce

Average non-managerial DRE **wages fall in the**

middle-income

range for each respective country

Employee retention for direct, formal jobs averages more than

30 months

Women account for only **25%** of direct, formal jobs **vs.** **60%** of informal jobs

POWER FOR ALL

RENEWABLES 2019
GLOBAL STATUS REPORT

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