

PIONEERING POWER

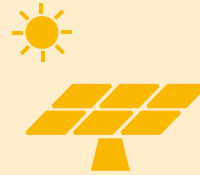
Transforming lives through off-grid renewable electricity

ON THE CURRENT PATH, ALMOST 700 MILLION PEOPLE WILL STILL LIVE WITHOUT ELECTRICITY IN 2030



OFF-GRID RENEWABLE ELECTRICITY OFFERS A NEW PATH TO ENSURE THAT EVERYONE HAS ELECTRICITY

- ✓ Cheaper
 - ✓ Faster
 - ✓ More reliable
 - ✓ Safer
 - ✓ Cleaner
- ...than grid electricity, diesel and kerosene, in many places.



'BEFORE I BOUGHT A SOLAR PANEL I USED TO USE A KEROSENE LAMP. I USED TO HAVE A LOT OF HEALTH PROBLEMS, THE SMOKE AFFECTED MY CHEST AND I FELT CHEST PAINS. NOW I FEEL THAT MY LIFE HAS CHANGED BECAUSE I HAVE SOLAR.'

Grace, a 66-year-old entrepreneur in Tanzania, no longer has these health problems and has increased her income by 22–44 USD every month since buying a solar panel.

OFF-GRID RENEWABLE ENERGY IS A CATALYST TO TRANSFORM LIVES, IMPROVING HEALTH AND OTHER SUSTAINABLE DEVELOPMENT GOALS



SDG 3

Almost a third of hospital burn patients have been injured by kerosene fuel exploding while using kerosene lamps in Nigeria.



SDG 4

Primary and secondary school completion rates increased from less than half to nearly 100 per cent after providing solar electricity in Tanzania.



SDG 5

Small enterprises specialising in solar lamps and home systems are empowering women to become leaders of their own decentralised energy businesses in Nepal.



SDG 8

Renewable technologies have the potential to employ 1.8 million people in sub-Saharan Africa alone.



SDG 13

The full transition to decentralised renewable technologies could be equivalent to removing 1.6 million mid-sized cars from the roads in Nigeria.

THREE-POINT PLAN FOR GOVERNMENTS

SUPPORTED BY DONORS, DEVELOPMENT BANKS, THE PRIVATE SECTOR AND CIVIL SOCIETY



Develop a roadmap with national targets to scale up off-grid renewables so that everyone has sustainable and affordable electricity by 2030.



Build a strong enabling environment to improve confidence of investment in decentralised renewables.



Improve monitoring and reporting frameworks to track investment in off-grid renewables and the impact on improving energy access.

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