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What is Energy Africa?
Energy Africa is...

A strategic DFID initiative to accelerate the expansion of the household solar market in SSA
Why Energy Africa?
1. Over **600 Million people** in Sub Saharan Africa do not have access to electricity, that’s around **2 in 3**.

2. Africa’s poorest can pay up to **80 times more** for energy than many people in the UK and other developed countries.

3. Grid coverage in Africa **unlikely to ever exceed 40% due to population distributions**.

4. Lack of energy access stifles development and restricts economic development at its grass roots growth.

5. BAU will mean universal electricity **will not be achieved until 2080**.
Bringing forward the delivery of Global Goal 7 in Africa from 2080 to 2030

**Climate Change**
Energy Africa is providing Solar Household Solutions and renewable energy, supporting climate smart development. Less Kerosene use will have a positive impact on climate change.

**Economic Development**
Families that use kerosene spend 10% of household income for 4 hours of light at night, whilst families with a solar light spend only 2% of household income on lighting, saving $60 a year.

**Women & Girls**
Energy Africa will reduce household energy poverty which is a significant constraint to women’s economic empowerment.

**Reaching the Poorest**
Energy Africa is ensuring that no-one is left behind through its remote rural focus and reaching the 50%-60% who will stay off the grid.

**Education**
Household solar provides more time and light to study at night improving educational performance.

**Health**
Solar Household solutions reduce indoor air pollution, danger of fire and eye irritation.
Energy Africa: How?
Energy Africa: How

Approach

• Generate policy, regulatory and market shifts to rapidly accelerate SHS growth by developing and agreeing bespoke **Energy Africa Compacts** with African governments.

• **Co-ordinate support from DFID** and partners through central and in-country programming and TA to assist implementation of compacts

• Firms use early stage funding from DFID and partners to develop and seed businesses

• Firms that have proved model eligible for scale up funding to expand into new geographies
Energy Africa: Compact Case Study
Sierra Leone: Energy Africa Case Study

Key elements of the Compact:

• Supply basic power to all of Sierra Leone’s population within 9 years (by 2025)
• Introduced clauses in the 2016 Finance Act which eliminates import duties for qualifying solar that meet IEC global quality standards
• A list of qualifying products enable “green lane” importation status will be added to this act in secondary legislation
• Sierra Leone will also develop a long term Rural Electrification and Market Development Framework (currently only have short term plan)
• Private sector partners will form the first ever private sector trade association – the Renewable Energy Association of Sierra Leone (REASL).

Coordinated support:
• Rural Electrification in Sierra Leone - New £35m DFID mini-grid programme
• SOBA – DFID programme working directly with solar companies expanding in SL
• Partner support from: the World Bank, BBOXX, Adam Smith, Power for ALL
Energy Africa
Next Steps