

Energy Africa



**ENERGY
AFRICA**

Solar energy can help deliver
energy access for all Africans by 2030





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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?



WHY?

1. Over **600 Million people** in Sub Saharan Africa do not have access to electricity, that's around 2 |  
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.**



Co-benefits across the development spectrum

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.



Bringing forward the delivery of Global Goal 7 in Africa from 2080 to 2030

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

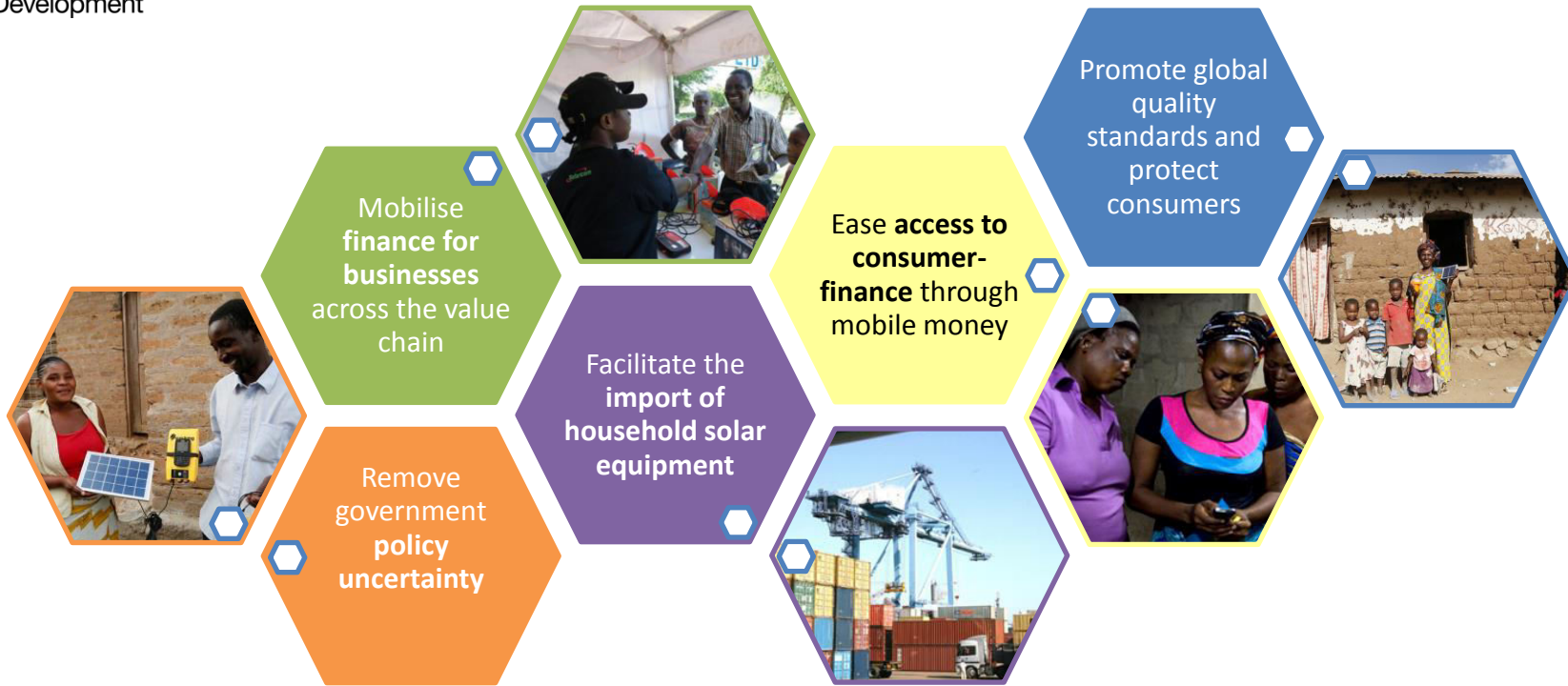
Solar Household solutions reduce indoor air pollution, danger of fire and eye irritation.



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**).
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- **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, BBOX, Adam Smith, Power for ALL

Energy Africa

Next Steps

