

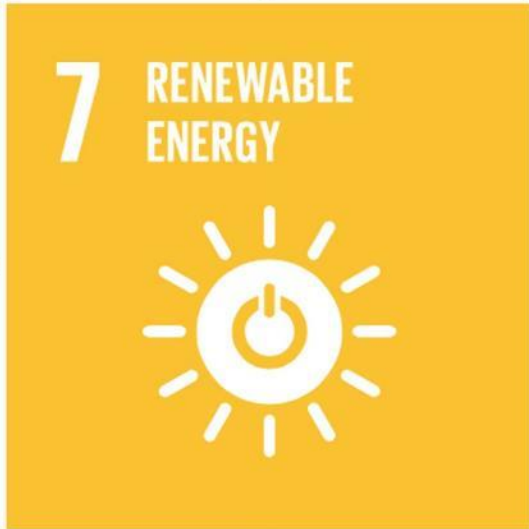


Poor People's Energy Outlook 2016

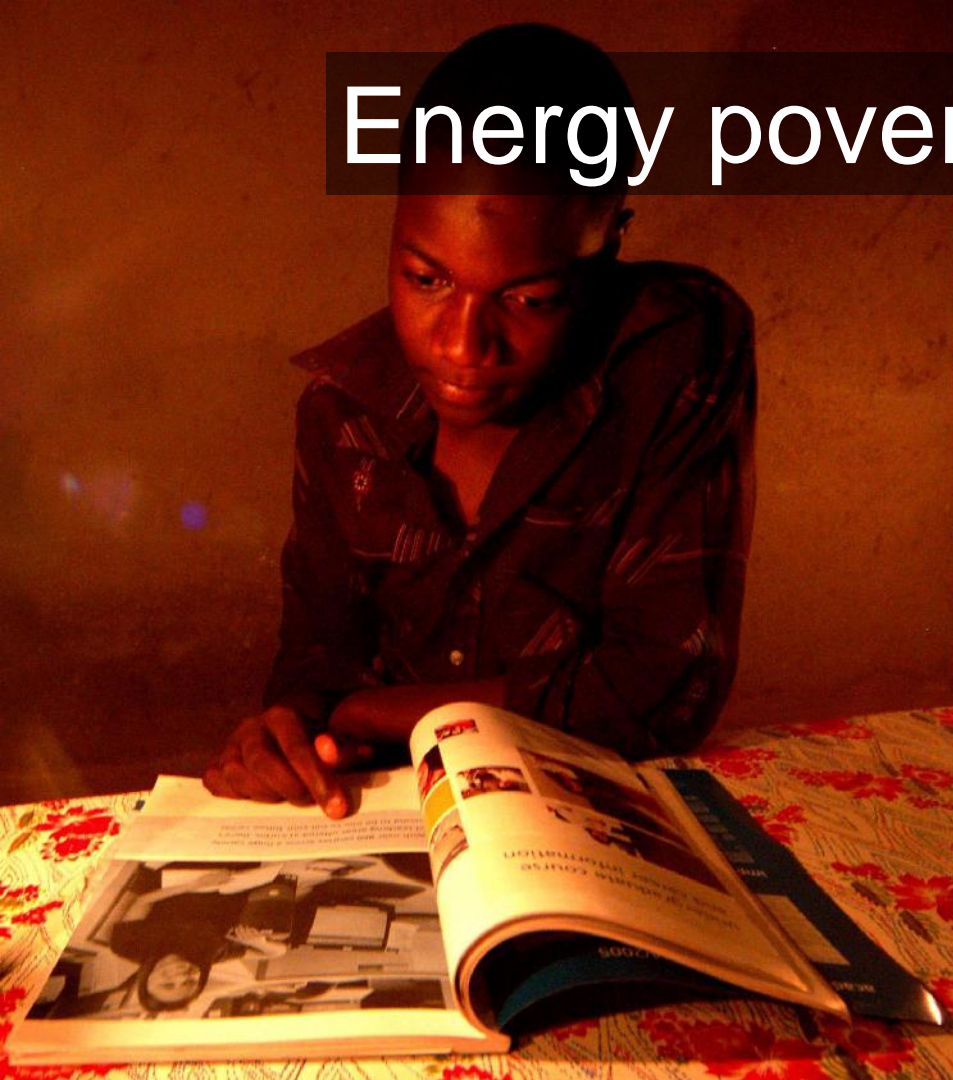
National energy access planning from the bottom up

Total Energy Access





Energy poverty is set to increase





Energy plans suffer from a
know your customer deficit

PRACTICAL ACTION

technology | challenge | society



A people centered approach



giz





Bangladesh



Kenya



Togo

Scale of the challenge



Affordability
and Access

- The spread of electricity in households is low
- But there is a significant gap between those with access and those without
- In some communities and countries (e.g. Togo) solar markets remain thin

- Those with an electricity connection are often more for SMEs
- Over 92% in every case



Low level
of supply










- Reliance on biomass fuels (mostly wood) on very basic stoves
- Very few manufactured stoves (1 in Bangladesh, 8 in Togo)
- Huge time invested in collecting and preparing fuel, and cooking



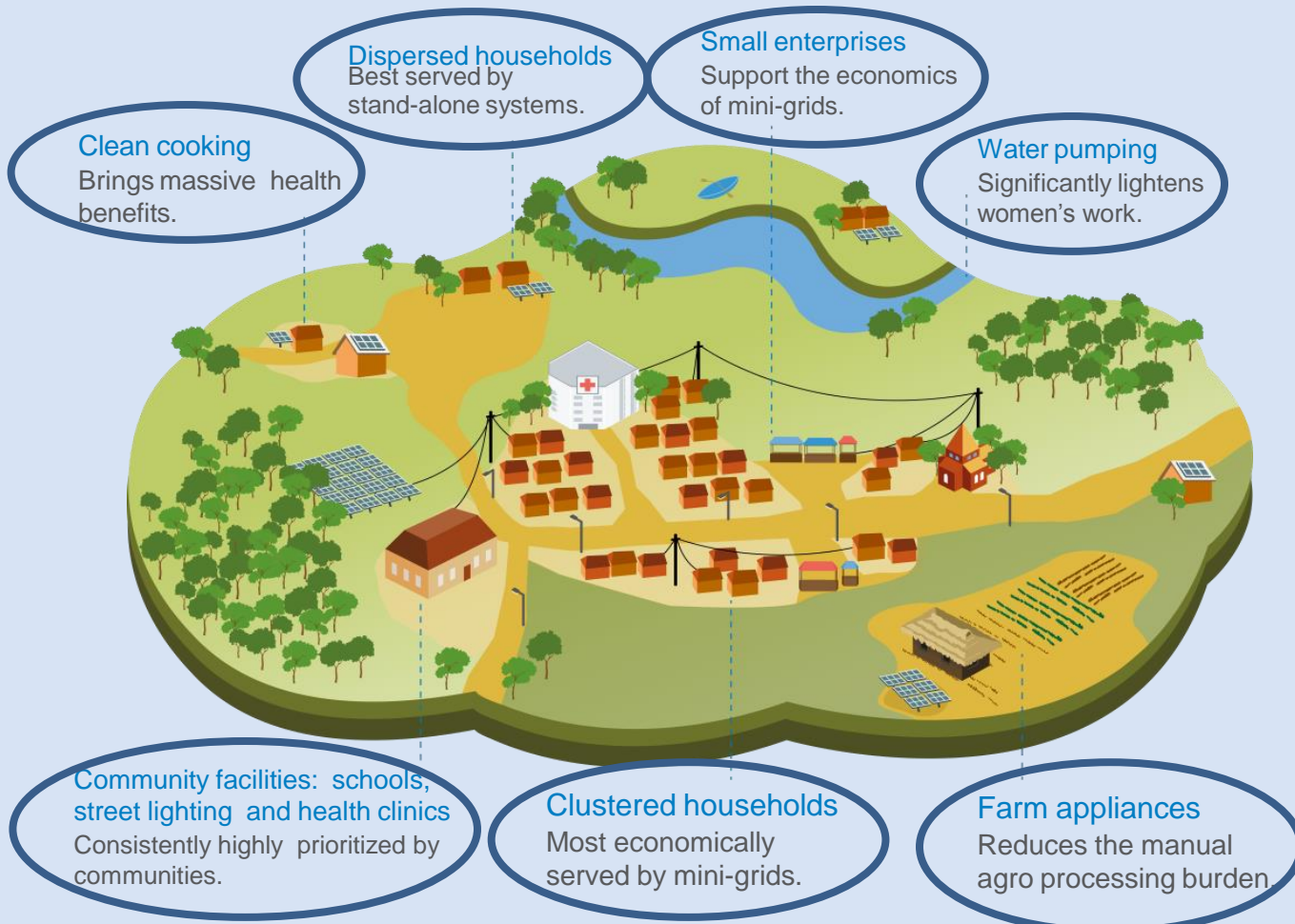
Unsafe
cooking

In some communities and countries (e.g. Togo) solar markets remain thin

Needs and priorities

Priority	Bangladesh	Kenya	Togo
1 st	 Households	 Households	 Households
2 nd	 Agriculture / Business needs	 Schools	 Street lighting
3 rd	 Schools / Street lighting	 Businesses	 Schools

Least-cost solutions: integrated rural energy access plans



In 11 out of 12 countries, mass solutions stand alone or are combined with other technologies and policies. Enthusiasm for clean fuel solutions with varying levels of grid extension is more expensive. On average a quarter of electricity demand.

Calls to action

Promote integrated planning

Re-prioritize cooking

Recognize differentiated needs

Measure what's meaningful



Major obstacles, simple solutions

Capacity-building on decentralized energy technologies

Voice of energy-poor in planning



PRACTICAL ACTION

55 Field offices across 25 countries



What's next?

PPEO 2016 – Planning

PPEO 2017 – Financing

PPEO 2018 – Implementing

Thank you!



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