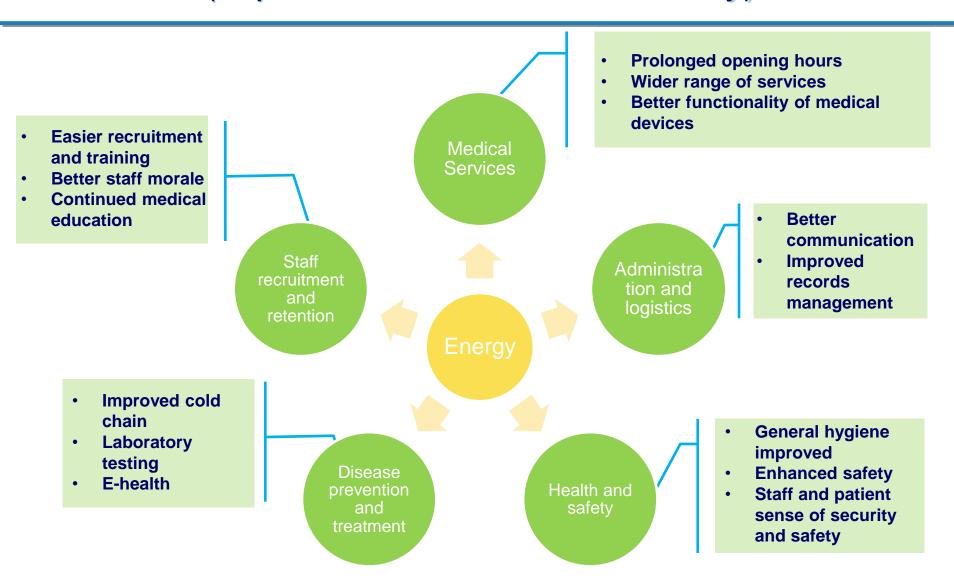
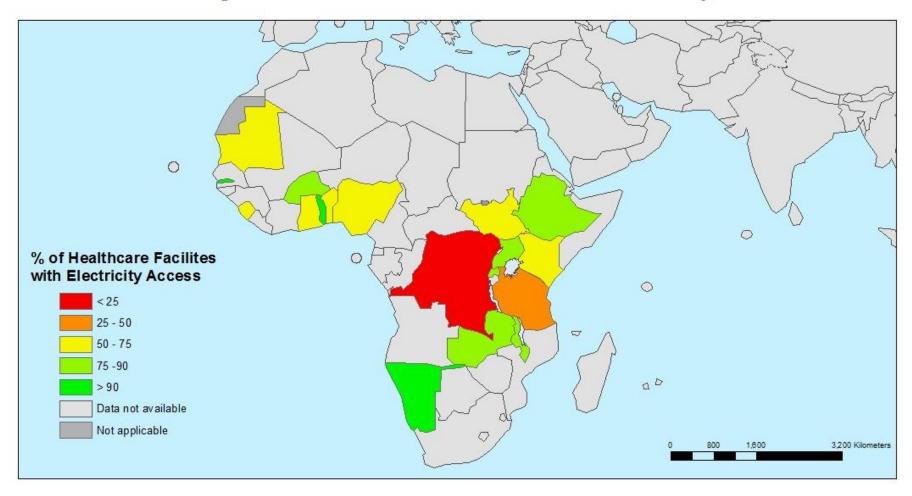
## Importance of energy to health services

(in particular access to electricity)



## Access to electricity a significant concern

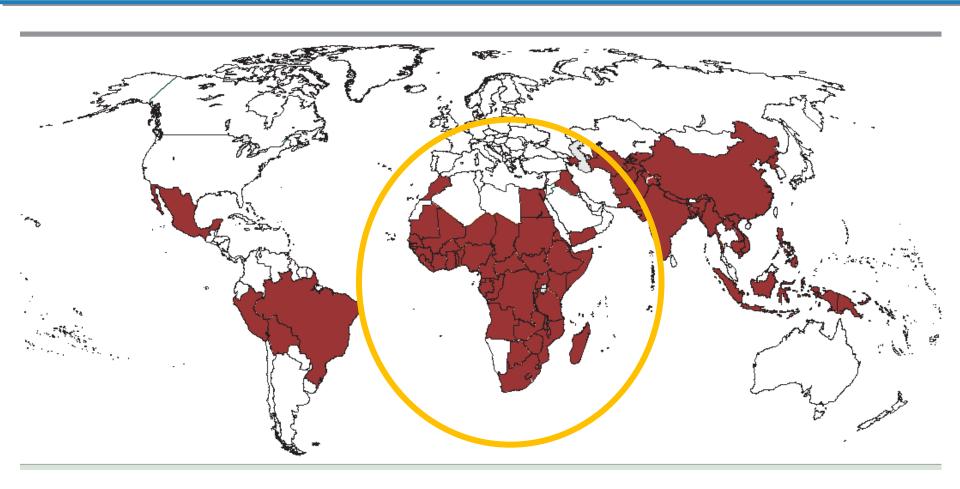
#### Percentage of Healthcare Facilities with Electricity Access



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: World Health Organization
Map Production: Interventions for Healthy Environments
World Health Organization

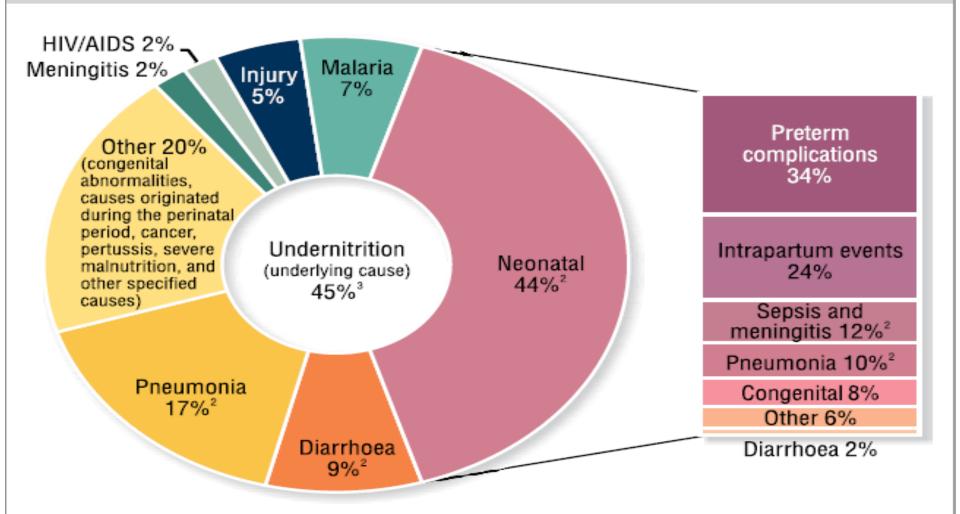
### 75 countries together account for > 95% of maternal and child deaths worldwide





#### Causes of deaths in children under 5 years of age<sup>1</sup>

(6.3 million child deaths every year/around 17,000 preventable deaths every day)2



Every year there are an additional 2.6 million stillbirths/ more than 7,200 stillbirths every day<sup>4</sup>

## Health facilities an essential setting for addressing preventable maternal and newborn mortality

- Improving quality of facility based care at time of birth a central strategy
- Electricity (and WASH) critical determinant of quality of care provided

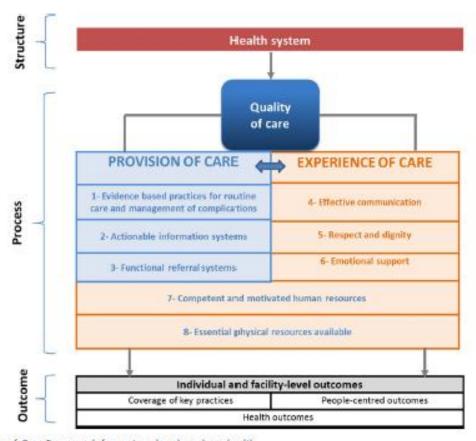


Figure 1. WHO Quality of Care Framework for maternal and newborn health.



# Linkages with the SDGs

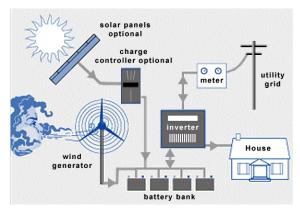
Access to modern **Ending preventable** Resilience and adaptive maternal and energy and increasing capacity to climatenewborn deaths share of renewables related hazards (Targets 3.1 & 3.2) (Targets 7.1 & 7.2) (Target 13.1) **GOOD HEALTH** 



# Opportunity associated with sustainable energy solutions



**Off-grid Solutions** 



**Hybrid Solutions** 



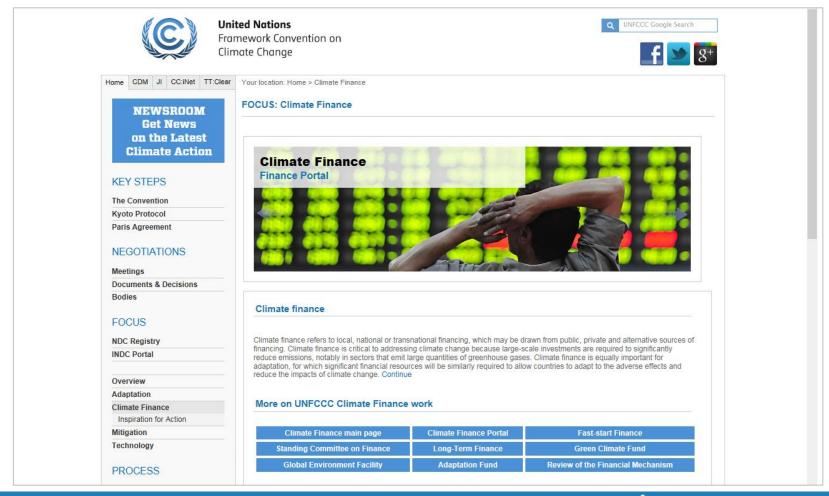
**Grid Extension** 



**Energy Efficient Equipment** 



# Opportunities to finance "green energy" infrastructure in health facilities





## Global partnership opportunities





Working with UNF and UN Women (since 2013) on a "highimpact opportunity" that seeks to on addressing energy service issues in health facilities in low income settings. Particular focus is given to essential maternal and child health services.









# Examples of related activities supported by the WHO

### Technical support to countries/health ministries

- Energy audits in district hospitals
- Facilitating participation in relevant energy and climate fora

### Building the evidence base

- Impact health facility electrification on services delivery outcomes
- Setting a research agenda

### Monitoring trends

 Tracking the energy situation in countries using existing national health survey instruments, e.g. WHO SARA

### Developing standards

 Min energy requirements to ensure WHO recommended standards of quality of care

