Scaling Renewable Energy in Health Care

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Health Care Without Harm

First WHO Global Conference on Air Pollution and Health
Geneva, October 31, 2018
Align health care with the Paris Agreement
the Rx is 100% RE
RENEWABLE ENERGY GROWING IN U.S.
HEALTH CARE
Renewable Energy in Health Care, Morocco

Centre Hospitalier Universitaire Mohammed VI
Marrakech
Renewable Energy in South Africa Health Care
Letter to Director General Tedros on Climate, Renewable Energy and Primary Health Care

• primary health care should become a powerful agent for advancing climate protection, community climate resilience and low carbon development.

• primary health care based on low carbon strategies such as renewable energy and energy-efficient medical devices can increase access, contributing to achieving Comprehensive Primary Health Care

• the infrastructure and operational efficiencies of primary health care facilities around the world should become shining examples of renewable energy and sustainable development.
UNDP’S SOLAR FOR HEALTH INITIATIVE

ZAMBIA

Photos: UNDP

ZIMBABWE
CREDA– Chhattisgarh State Renewable Energy Development Agency, India
Seven Common Principles
for scaling renewable energy in health care in multiple settings across developed and developing countries

1. **Mission Alignment**: aligns with the sector’s mission to prevent disease and to heal. Reduces fossil fuels, increases access to health.

2. **Resiliency and Reliability**: helps keep the lights on in grid-unstable areas, extreme weather events and emergency situations; community anchor.

3. **Lower Health Care Costs**: investing in and transitioning to increasingly affordable RE saves money.

4. **Public Policy**: regulatory and policy measures are essential to scale health care’s uptake of renewable energy.

5. **Energy efficiency**: efficient buildings, standards and medical devices are essential companions of RE

6. **Best Practices and Human Centered Design**: staff capacity building of staff; maintenance of equipment; measurement of health outcomes.

7. **Environmental Health and Safety**: safe and sustainable for patients, staff and communities; safe management of waste, circular economy

*HCWH Global Health Care Climate Action Roundtable, Global Climate Action Summit, San Francisco, September 2018*
CLIMATE AND HEALTH AIR MONITORING PROJECT (CHAMP)
CASE STUDY FROM CHENNAI, INDIA