500+ Health Centres

10 Million People Served

Sustainable Healthcare:

Stronger primary health care systems are essential to achieving Sustainable Development Goal 3 (SDG3) which aims to ensure healthy lives and promote well being for all of all ages, including through universal health coverage, which then affects the attainment of other SDGs.
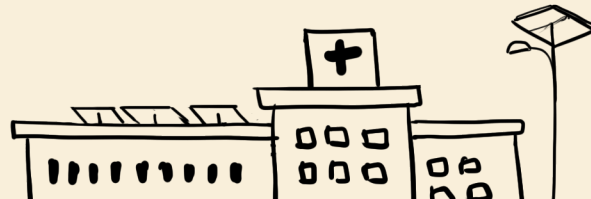
Access to reliable energy catalyzes the delivery of health services and when combined with appropriate medical and electrical appliances contribute to improving the efficacy and impact of healthcare provision.

Focus:

- Sub Centre
- Primary Health Centre
- Community Health Centre

Areas Addressed:

- Critical Power Backup
- Emergency Care
- Maternal & Child Care
- AYUSH Centres
- Cold Chain Logistics
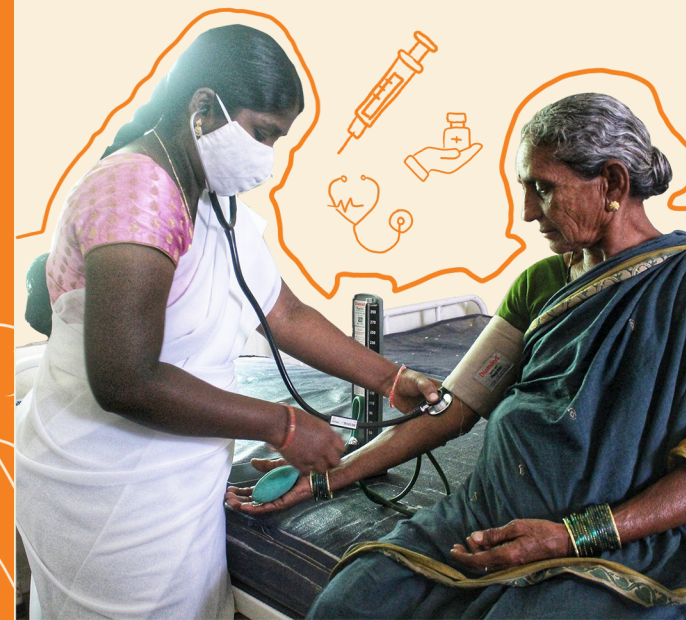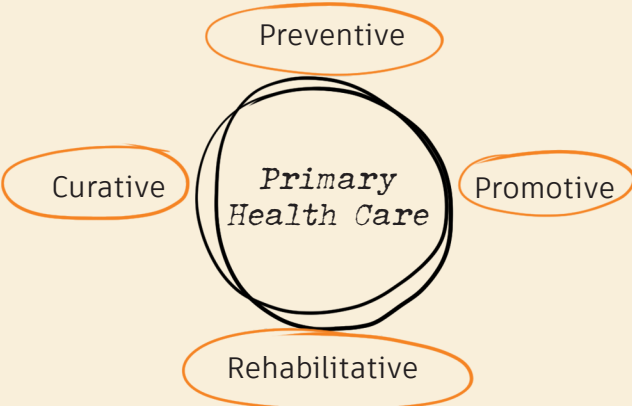- Energy Efficient Equipments

SELCO

SELCO is a social enterprise established in 1995 with the philosophy of poverty alleviation through enabling access to sustainable energy solutions and services to under-served households, institutions and businesses in rural areas.

SELCO

HEALTHCARE

renewable energy in last mile health access

Primary Health Care
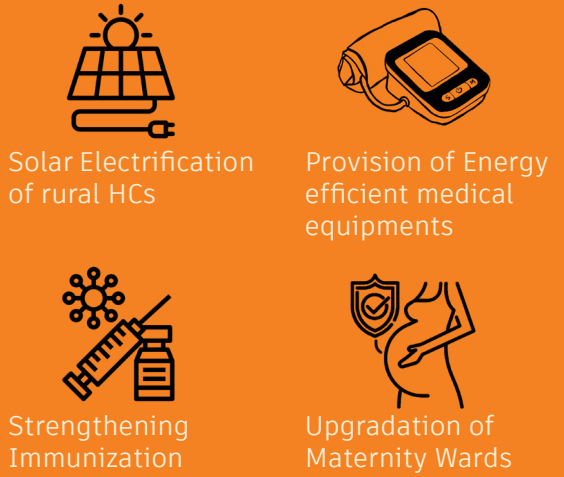
Preventive · Curative · Promotive · Rehabilitative

Challenges faced by Health Centres

- Inadequate infrastructure & limited access to health facilities
- High Child Mortality rates
- Erratic Power Supply and high dependency on diesel generators
- Lack of basic awareness
- Shortage of doctors & medical staff
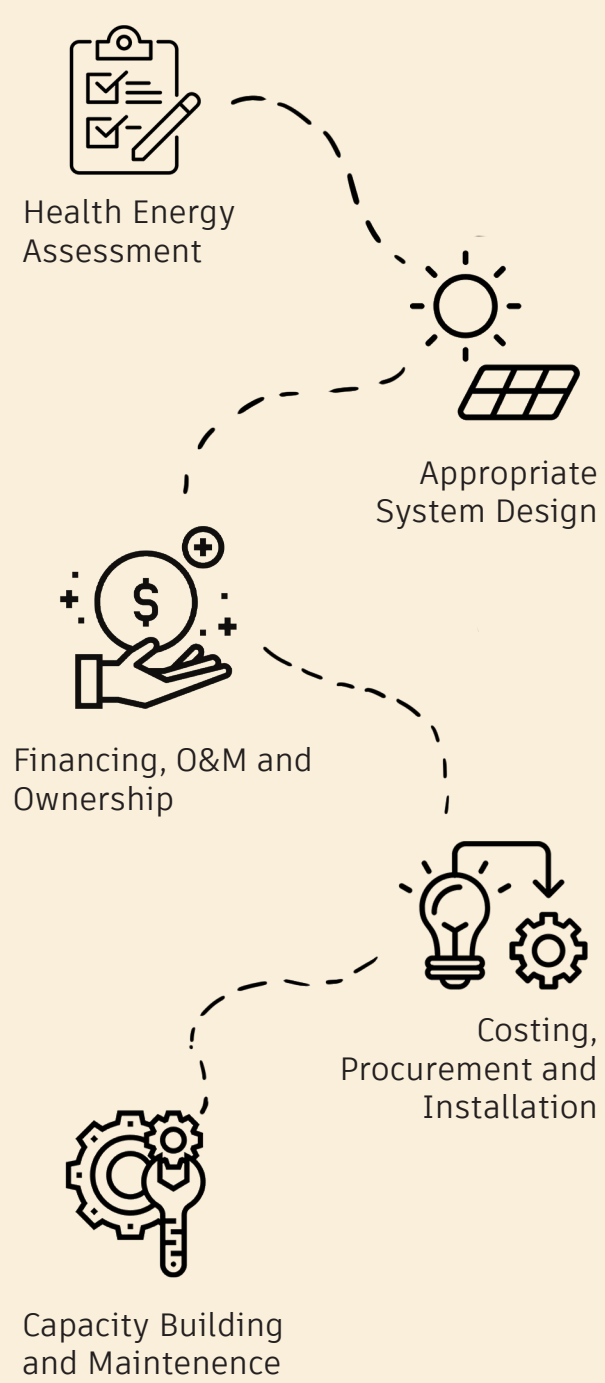- Inadequate neonatal staff

Solutions

Solar Electrification of rural HCs

Provision of Energy efficient medical equipments

Strengthening Immunization

Upgradation of Maternity Wards

Financial Model

Capex + Opex

- State & National Funds (NHMF, MNRE)
- District & Special Funds (BADP, ADP, DMF)
- Corporate CSR
- Private Philanthrophy
- Bilateral & Multilateral Agencies (World Bank, GIZ, USAID)
- Local Area & Health Facility Level Funds (MPLAD, MLADCDS, RKS)

Impact

- Power backup in emergency situations
- Energy efficient = Less energy consumption
- Reliability of health services
- Improved infrastructure for medical staff
- Reduction in electricity bill
- Reduction in CO_2 footprints

Approach

Health Energy Assessment

Appropriate System Design

Financing, O&M and Ownership

Costing, Procurement and Installation

Capacity Building and Maintenence

Did You Know?

As per the **Rural Health Statistics (RHS) 2021-2022**, in India **11.4%** of the rural sub-centres and **3.7%** of rural PHCs lack access to electricity supply.

Decentralized Renewable Energy impact:
83% Reduction in Vaccine wastage
92.3% Extended Hours of Operaition
90.3% Ease of Operations

Scan the QR code to watch our video on Health

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