



## **International Advisory**

**Powering Healthcare Rwanda —  
Energy for Better Health**





Under the Powering Healthcare initiative, Sustainable Energy for All (SEforALL) launched a country-level program in Rwanda to accelerate the electrification of social infrastructures and health facilities.

The goal was to deliver a national market assessment and roadmap identifying how renewable-energy systems could ensure reliable power for hospitals, clinics, and health posts—an essential step toward universal access to energy and healthcare.

Engreen was selected as the technical consultant to lead this assignment, working under SEforALL's coordination and in cooperation with USAID Power Africa, the Government of Rwanda, and local partners.

The project built on the experience of Power Africa's Health Facilities Electrification Program, connecting lessons from nine African countries to Rwanda's specific context.

## Challenges

- Incomplete data and inconsistent mapping of health-facility electrification status
- High variability in energy demand between urban hospitals and rural clinics
- Limited national standards for off-grid system design and maintenance
- Fragmented funding mechanisms, affecting long-term sustainability
- Need to bridge the gap between energy policy, healthcare planning, and local implementation capacity





## **Solution - Engreen's International Advisory Role**

Through its International Advisory Unit, Engreen applied the Engreen 360 model to combine technical analysis, stakeholder coordination, and strategic policy guidance.

### **Strategic advisory**

- Mapped stakeholders and ongoing initiatives with SEforALL, with the Ministry of Infrastructure (MININFRA) and the Ministry of Health (MoH)
- Defined investment priorities consistent with Rwanda's national electrification goals

### **Technical expertise**

- Carried out energy needs assessments across representative health facilities
- Designed standard solar-PV and storage models adaptable to different tiers of care

### **Knowledge and policy integration**

- Consolidated results into a national roadmap for large-scale implementation
- Supported dialogue on financing, O&M, and quality standards for lasting impact

## **Results**

- A comprehensive Powering Healthcare Roadmap validated by SEforALL, the Government of Rwanda, and international partners
- Standardized technical and financial models ready for replication across public facilities
- Evidence-based investment pipeline supporting donor coordination and national planning
- Strengthened national capacity through collaboration with Rwandan experts and institutions
- Recognition of Engreen as a trusted international advisor able to connect global strategies with local realities



## Engreen - from vision to impact

At Engreen, every project begins with a vision – and becomes reality through a complete, integrated process.

Engreen 360 is our signature approach: a model that connects strategy, technology, and people to ensure that each step of the sustainability journey delivers measurable impact.

We manage the entire lifecycle of an energy project, combining strategic foresight with hands-on execution and long-term capacity building.

Our multidisciplinary team translates complex challenges into coherent, scalable solutions – guiding partners from early planning to full operational maturity.

**Strategy** – We assess needs, map opportunities, and define the most effective roadmap for sustainable growth.

**Design** – We turn ideas into detailed technical, financial, and environmental blueprints, tailored to local contexts.

**Implementation** – We build, supervise, and ensure quality through every phase, bridging design and reality.

**Operation** – We monitor, optimise, and maintain systems for reliability and performance over time.

**Training** – We empower local teams with the knowledge, tools, and confidence to operate autonomously.

This 360° approach allows Engreen to act as one integrated partner, capable of connecting innovation, engineering, and community value – ensuring that sustainability is not only designed but lived, maintained, and multiplied.

**Partner with us to turn strategy into action**

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