

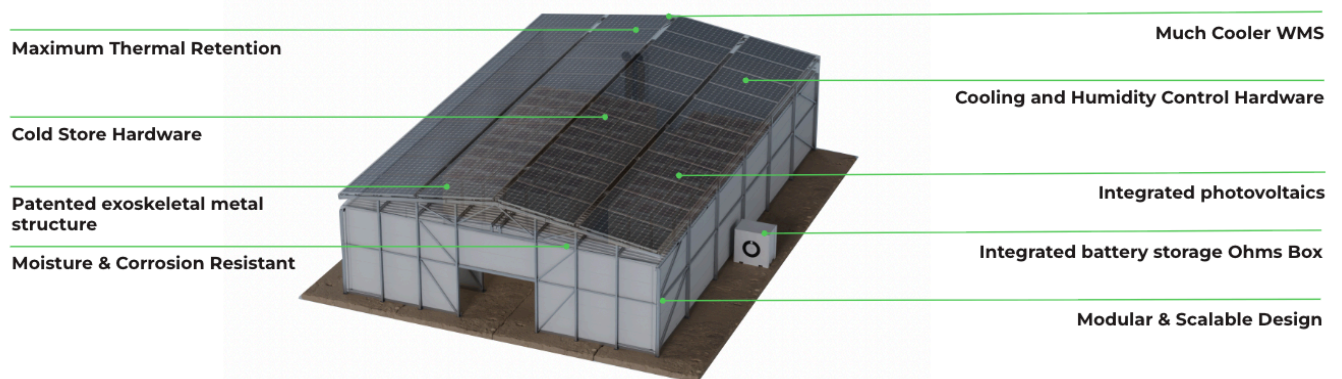
Expression of Interest (EOI)

Much Cooler Solar-Powered Cold Storage Projects – Africa (2026 Opportunity)

Off-Grid Europe GmbH (“OGE”) invites Expressions of Interest (“EOIs”) from qualified organisations seeking to develop utility-scale, solar-powered cold storage infrastructure using OGE’s Much Cooler solution across West Africa, East Africa, and Southern Africa.

As part of its 2026 deployment programme, OGE intends to select up to three (3) projects and is prepared to **support each one with up to 85% of the total project value through structured project financing loan**, subject to due diligence and final credit approval. Please note that this is not grant financing; it is loan financing.

1. The Much Cooler Solution



The Much Cooler is a patented, 100% off-grid, solar-powered agricultural cooling hall designed to eliminate post-harvest losses, stabilize food value chains, and operate reliably in weak-grid or off-grid environments.

Key characteristics include:

- **Massive storage capacity:** typically 300–5,000 metric tons, depending on crop type
- **Operating temperature range:** 0–10 °C, adjustable based on crop and ambient conditions
- **Modular footprint:** approximately 30 m × 20 m × 5 m (equivalent to x16 40-ft containers)
- **Minimal operational fuel dependency:** no diesel, no reinvestment cycle, and minimal operating costs

- **Integrated renewable energy system:** PV-ready structure with an integrated **battery energy storage system (“Ohms Box”)** providing 24/7 renewable power
- **Much Cooler Warehouse Management System (WMS):** 100% real-time monitoring and control of cooling and energy systems

Across Sub-Saharan Africa, an estimated **37% of post-harvest yield is lost due to the lack of reliable cooling infrastructure**. The Much Cooler directly addresses this challenge by providing **stable, local cold storage near farms**, even in remote locations.

2. Climate, Economic, and Social Impact

Much Cooler projects are designed to deliver measurable, bankable impact, including:

- Up to 120 tons of CO₂ emissions avoided per site per year
- Significant reduction in post-harvest spoilage and food waste
- Improved farmer incomes and price stability
- Local job creation: typically ±50 direct jobs and up to 200 indirect jobs per project
- Strengthened local and regional food security

Projects are well suited for integration into **national agricultural programmes, value-chain development initiatives, and commercial aggregation or export platforms**.

3. 2026 Programme Scope

OGE intends to support:

- **Up to three (3) projects total**

Selected projects may benefit from:

- **Up to 85% financing of total project value via export finance loan (not grant financing)**
- Turnkey EPC delivery by OGE
- Long-term technical support and performance monitoring
- A proven, scalable design suitable for replication

4. Eligible Applicants

EOIs are welcomed from:

- Agribusinesses and agro-processors
- Farmer cooperatives or commercial aggregators
- Market authorities or municipalities

- Food logistics and cold-chain operators
- Development organisations implementing revenue-generating projects

Each EOI must clearly identify a creditworthy off-taker responsible for payment obligations under the project structure.

5. Information Required in the EOI Submission

A. Project Location

- Country and region
- Proposed site or area of operation
- Brief description of the agricultural value chain served

B. Expected Project Impact

Applicants should describe anticipated outcomes, such as:

- Reduction in post-harvest losses
- Estimated annual throughput (MT/year)
- Number of farmers, traders, or SMEs supported
- Contribution to food security, export capacity, or price stabilization
- Alignment with national or donor-funded agricultural programmes

Indicative or qualitative estimates are acceptable at the EOI stage.

C. Off-Taker Information

- Legal name and registration details
- Nature of business or public mandate
- Role in the value chain (e.g. buyer, aggregator, operator)

D. Financial Information (Mandatory)

To enable financing assessment, applicants must provide:

- **Three (3) years of audited financial statements** of the off-taker
 - Income statement
 - Balance sheet
 - Cash-flow statement

Where audited accounts are unavailable, applicants should clearly explain the reason and indicate when such information could be provided.

E. Supporting Information (Strongly Encouraged)

To strengthen submissions, applicants are encouraged to include:

- Evidence of existing produce volumes or contracted demand
- Letters of support from government, anchor buyers, or programme sponsors
- Off-take agreements, MOUs, or framework contracts (if available)
- Confirmation of land access or site control

- Prior experience operating infrastructure, energy assets, or cold-chain facilities

6. Evaluation Criteria

EOIs will be assessed based on:

- Commercial credibility and clarity of the project concept
- Creditworthiness and financial strength of the off-taker
- Demonstrated demand for cold storage services
- Measurable development and climate impact
- Scalability and regional balance

Submission of an EOI does not constitute a commitment by OGE to finance or implement a project.

7. Submission Deadline

Closing date for receipt of EOIs:

18th of March 2026

Late submissions may not be considered.

8. Submission Method

EOIs should be submitted electronically to:

Email submissions to: sales@offgrideurope.com

Subject line: *EOI – Much Cooler Project 2026*