

# Company Overview

**Karibu Kwetu Solar Trading LTD (PTY)** is a Namibia-based social enterprise dedicated to transforming communities across Namibia and Africa through cutting-edge renewable energy solutions. Specializing in solar power systems, energy-efficient technologies, and sustainable development practices, we aim to reduce carbon footprints, foster social advancement, and drive meaningful contributions to climate change mitigation.

As a mission-driven business, Karibu Kwetu reinvests its profits into expanding positive social and environmental impact across the continent. Our projects promote long-term economic growth, energy independence, and eco-friendly education initiatives that empower future generations.

Through solar energy, battery storage, and wind power technologies, Karibu Kwetu supports communities in achieving sustainability, environmental stewardship, and a cleaner, more prosperous future for Africa.



# Leadership Bios



Aliela Muyembe

## **Chief Executive Officer**

Aliela Muyembe is the CEO and Co-Founder of Karibu Kwetu Solar Trading LTD (PTY), leading the company's mission to deliver African-led solutions in renewable energy and sustainable development. With a background in architecture, universal design, and sustainability, Aliela brings over a decade of experience in inclusive infrastructure development. She is a passionate advocate for community-driven models that integrate solar power, education, and economic empowerment across Africa.

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Christian Spangenberg

**Chief Technical Officer**

Christian Spangenberg is the CTO and Co-Founder of Karibu Kwetu Solar Trading LTD (PTY), with over 30 years of global experience in the renewable energy sector. He has held leadership roles across Europe, Africa, and Asia, specializing in solar energy systems, energy storage, and sustainable infrastructure projects. Christian drives the technical innovation behind Karibu Kwetu's initiatives, ensuring scalable, efficient, and impact-driven energy solutions for African communities.

# Projects Fact Sheets

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## Sirimba Model One-Pager

**Project Name:**

Sirimba Model – Africa’s First Community-Owned Renewable Energy and Education Ecosystem

**Summary:**

The **Sirimba Model** is Karibu Kwetu Solar Trading LTD’s flagship initiative designed to create self-sustaining African communities by integrating renewable energy infrastructure with free, high-quality education. Through a community-owned 40MW solar plant and vocational training pipeline, Sirimba empowers local communities to achieve long-term energy independence, economic growth, and environmental stewardship.

**Core Features:**

- **Solar Plant Ownership:** Revenues from the plant sustain operational and educational costs.
- **Free Eco-Friendly Education:** Powered by renewable energy, focused on STEM, sustainability, and vocational skills.
- **Vocational Training Programs:** Youth and adult upskilling for the renewable energy, construction, and technology sectors.
- **Sustainability Focus:** Embeds environmental protection, social entrepreneurship, and SDG7 advancement.

**Vision:**

To scale the Sirimba Model across Africa, enabling rural and peri-urban communities to control their own economic futures through clean energy and education.

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## KJ Kapeua Pilot Project Brief

**Project Name:**

Sirimba Model Pilot at KJ Kapeua Combined School

**Location:**

Ovitoto, Namibia

**Summary:**

The **KJ Kapeua Pilot Project** marks the first implementation of the Sirimba Model. Fully backed by the local community and supported by government stakeholders, the pilot site will demonstrate how renewable energy infrastructure can sustainably fund free education while creating local employment and skills development opportunities.

### Scope:

- **Solar Array Installation:** Providing reliable, clean energy to the school and surrounding community.
- **School Infrastructure Development:** New sustainable classrooms, solar-powered facilities, and vocational training hubs.
- **Community Integration:** Training local youth for operations, maintenance, and further solar deployment.
- **Impact Goal:** Educate 2,000+ students while catalyzing local green economy growth.

### Current Status:

*Design phase in collaboration with Archstorming competition finalists.*

*Fundraising underway for project deployment.*

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## Strategic Partnerships

### Confirmed Partners and Endorsements:

- **Archstorming (Spain):** Official partner for the Sirimba Global Design Competition.
- **Women in Renewable Energy (WiRE Africa):** Recognized as a Capacity Partner promoting women's leadership in the sector.
- **SEforALL (Engagement in Progress):** Collaboration discussions underway.
- **UNESCO Namibia (Engagement in Progress):** Partnering on educational and cultural frameworks.
- **Namibia University of Science and Technology (NUST) (Engagement in Progress):** Strategic academic support for technical and architectural innovation.
- **Former Minister of Education (Namibia):** Formal letter of support endorsing the Sirimba Model's educational impact to the German Government requesting strategic support.

### Community Partners:

- Full community backing at the KJ Kapeua Combined School pilot site.