SOURCE

ALER – Renováveis para Autoconsumo em Moçambique

"Energy transition to the new green economy is real, Mozambique has started"



C&I SELF-CONSUMPTION OPPORTUNITY

CLIENT OPPORTUNITY



- Mozambique is blessed with one of the world's best solar resources
- Solar tariffs on commercial returns are lower than grid tariffs, which are expected to continue to rise
- ✓ Immediate cost savings are possible
- ✓ Favorable regulatory framework
- Activate and create value from vacant rooftop or ground space
- ✓ Low O&M costs on solar PV installations

- Assure reliable supply of renewable energy
- ✓ Solar energy contributes to sustainability, global climate change objectives, Corporate Environmental Responsibility and reduced carbon footprint
- ☑ Option for **zero-investment model**
- Solar PV installation has a **lifespan** of up to **30 years**
- Customized solar equipment installation according to client's electricity needs

Additional Savings Opportunities

Reduce stoppage time losses & equipment damage caused by power failures

Ideal for clients operating during daylight hours



C&I SELF-CONSUMPTION OPPORTUNITY LEVALIZED COST OF ENERGY

✓ The Levelized Cost of Electricity (LCOE) is a metric used to calculate the present value of the cost of electricity, including the costs to construct and operate the power plant over the system lifetime. It allows a comparison of different technologies where the project size, costs, power generation, lifespan and economic parameters are unequal. The LCOE is defined by the following formula →



C&I SELF-CONSUMPTION OPPORTUNITY

EXECUTIVE SUMMARY – SOURCE ENERGIA

Who We Are

• Source Energia is a diversified renewable energy platform focused on the development, finance, construction, management and operations & maintenance of large & small scale on- & off-grid renewable energy in Lusophone Africa. The team has deep insight into local commercial and regulatory frameworks, know-how of current best practices for renewable energy projects, and over 70 years of combined experience.

Our Experience

2,5 GW Development +200 MW wind and solar experience in solar and wind on-grid IPP under development on-grid IPP

100k+ of SHS off-grid beneficiaries growing 15 k per month

TESCO & MINI GRID green field projects under development

19 MWp Solar + 6 MW BESS on-grid IPP under construction

40+ MW off-grid C&I solar under development

Our Services

Advisory/Feasibility Studies

Finance and Project Structure

Asset Management



Operation and Maintenance

Focus

Offices Focus countries

Areas of Expertise

- On Grid IPP GP 1
- Self-Consumption / C&I GP 1
- Telecom Energy Services COmpany œ
- Rural Electrification (SHS & Mini GP

Grid)









Engineering and Construction

C&I SELF-CONSUMPTION OPPORTUNITY BUSINESS MODEL

NOTE: When on Grid Self Consumption has to be complementary to Grid supply





OPERATIONS AND MAINTENANCE



	ASSET MANAGEMENT, OPERATIONS AND MAINTENANCE AGREEMENT
SCOPE	Generalized monitoring and alerting, inspection, maintenance and corrective visits, O&M report, equipment guarantee management, supply and replacement of spare parts. The services will be provided in relation to all constituent materials of the Solar PV Power Plant. O&M services provided across the country
TENOR	15-25 years + 10-0 years (optional)
SERVICE FEE	Paid monthly in Meticais indexed to the US\$ in Mozambique
ANNUAL GROWTH RATE	2-5%
CONTRACT TYPE	Service Agreement
APPLICABLE LAW	Mozambique
SOFTWARE SYSTEM	SCADA recording events into a log file and monitor the performance of the solar panels

$SCADA = S_{upervisory} C_{ontrol} A_{nd} D_{ata} A_{cquisition}$



C&I SELF-CONSUMPTION OPPORTUNITY TECHNICAL DESIGN





C&I SELF-CONSUMPTION OPPORTUNITY

CLIENT JOURNEY WITH SOURCE ENERGIA - TIMINGS AND PROCESSES



SOURCE



SOURCE ENERGIA

CASE STUDIES





SOURCE ENERGIA OUR INVESTMENT PROJECTS

SOURCE



Size: 21 kWp

SOURCE ENERGIA

SOURCE STRATEGIC PARTNERSHIP - PROSOLIA ENERGY: MULTINATIONAL GROUP SPECIALIZING IN SOLAR PHOTOVOLTAIC



SOURCE ENERGIA

PART OF PROSOLIA PORTFOLIO



M. BIM Matola Branch

Size: 21 kWp Design: Roof Status: Under construction Promotor: Source Energia

Matutano

Size: 472 kWp Design: Roof and Ground Status: Operating since 2017 Promotor: Prosolia

Granitos Rocha

Size: 206 kWp Design: Roof mounted Status: Operating since 2021 Promotor: Prosolia

Hermanos Yague

Size: 79 kWp Design: Roof Status: Operating since 2020 Promotor: Prosolia

Plásticos Joluce

Size: 854 kWp Design: Roof Status: Operating since 2021 Promotor: Prosolia



Tecnocontrol Size: 70 kWp Design: Ground Status: Under development Promotor: Source Energia

SPRAL

Size: 212 kWp

Promotor: Prosolia

Design: Roof



Costa Verde

Felgueiras

Size: 486 kWp

Design: Ground

Promotor: Prosolia

Size: 1 MWp Design: Roof Status: Operating since 2017 Promotor: Prosolia





the second gunder









Gourmet Cazorla Size: 207 kWp Design: Roof Status: Operating since 2020 Promotor: Prosolia

Status: Operating since 2021



Lavamiranda Ribarroja Size: 100 kWp Design: Roof Status: Operating since 2020 Promotor: Prosolia

Status: Under construction

Mota Cermaic Size: 668 kWp Design: Roof Status: Operating since 2020 Promotor: Prosolia

Ourika Size: 21 kWp Design: solar park Status: Operating since 2018 Promotor: Prosolia









Kanimambo!

Obrigado! Thank you!

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