Trama TecnoAmbiental (TTA)

Company Profile & Services

How to access resources session: Private Sector Offer

3rd Business Conference Renewables in Mozambique

November 2023





WHO ARE WE?

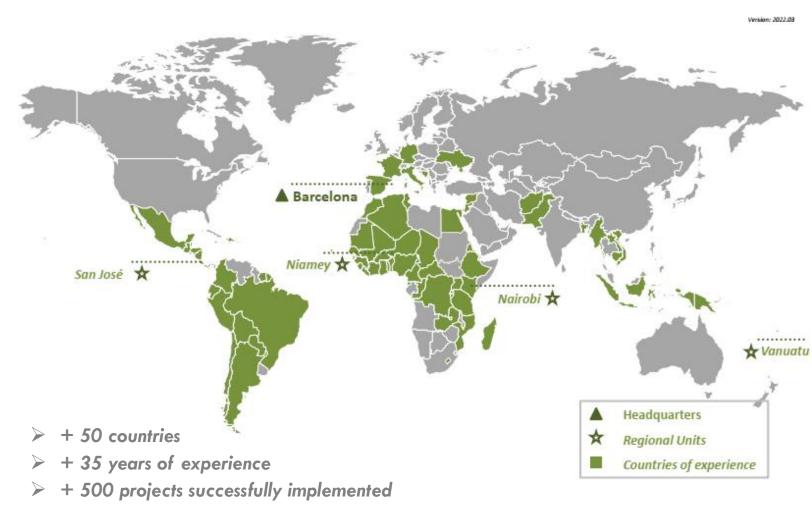


Trama TecnoAmbiental, S.L (TTA), is a global consulting and engineering company based in Barcelona, Spain

> 100% sustainable energy development

MISSION: "Empower communities worldwide by providing integrated energy technologies with tailor-made and future-proof solutions"

VISION: "Our vision is a world where all can reach their full potential through access to essential resources. As a pioneer in this sector, we strive to be a benchmark firm enabling positive impact for our clients"



OUR PHILOSOPHY



A holistic approach to promote energy access

tta - Off-Grid Service Area

Mini-Grid Distribution can either be AC or DC. Extra-Low Voltage (ELV) is encouraged. **Appliances** Stand-alone The service can include electronic appliances. This facilitates access to The Service Provider might choose to affordable, quality-certified and electrify some customers far from the energy-efficient appliances. mini-grid and/or with little demand through stand-alone systems. Multi-service facility Private stand-alone Some customers might decide to not The power plant offers a space with an subscribe to the electricity service and added value for the community and a hub instead have their own private in which different services are centralized. stand-alone system. e-Mobility The Service Provider can promote electric mobility (electric bikes, **Community services** scooters) by offering charging stations or engaging in innovative Electricity service can be bundled with e-mobility business models. other services requiring electricity such as productive uses (water pumping, **Prosumers** cold storage, processing tools, etc). The Service Provider might reach an agreement with customers who self-generate to buy their energy surplus. Privately owned assets

Service provider's assets



Full range of consulting and engineering services for Energy Access and Renewable Energy projects

Consultancy	Full range technical consulting: Energy planning, policy & regulation, delivery & financial models, feasibility & tariff studies, technical due diligence, procurement & transaction
Engineering	Owner's engineering Concept & detailed design engineering, work supervision
K nowledge	Capacity building, trainings for users and technicians Organization of the S-@ccess International Conference
W orks	Turn-key projects (EPC), and Operation & Maintenance services (O&M)
□ R&D	Product development for special energy access applications Energy dispensers, management, and remote monitoring and control



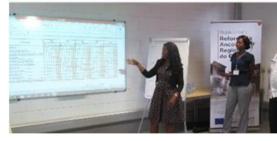
OUR TRACK RECORD











Consultancy

- Technical Assistance NESAP Niger 2019-23 & PHARES: Haiti 2020-24
- Tariff study and regulatory framework proposal for the energy and sector: Guinea-Bissau 2019-20
- Technical Due Diligence for mini-grid financing: DRC 2021-23, Zambia 2022, Nigeria 2023
- Identification & planning for energy projects: Mozambique 2015

Engineering

- Chuuk Public Utility
 Owner's Engineer:
 Micronesia 2022-23
- EBS Owner's
 Engineer Upper
 Suriname River:
 Suriname 2019-24

Knowledge

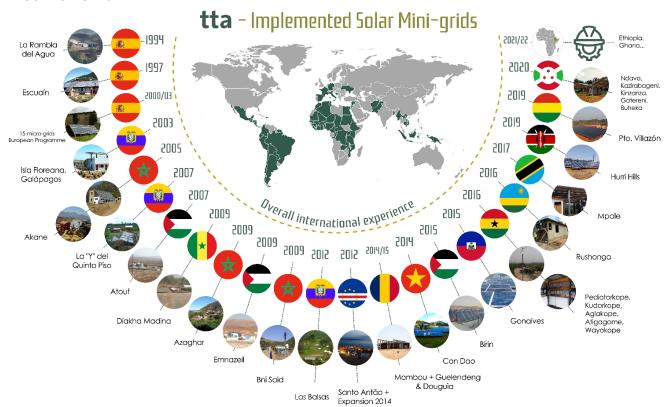
- Technical and Financial Training for Mini-Grid Developers: Myanmar 2019
- **S-@cces conference**: Spain 2018-24

Works

- PV Systems for Health Clinics: Ghana 2017-19
- Cerro San Simon Hybrid PV Plant: Bolivia 2021-22

R&D

- Remote monitoring
- Modular, containerized standardized PV solutions





SOLAR TECHNOLOGIES & HYBRID MINI GRIDS to improve energy Access 5TH EDITION





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