

Job Vacancy Description:
French-speaking Project Manager and Renewable Energy Expert
Reference: 21/011

1. The company

Trama TecnoAmbiental (TTA), with headquarters in Barcelona (Spain), is an international engineering and consulting firm in business since 1986 in the field of renewable energies and specialized in distributed generation and energy access for development. TTA's multidisciplinary team has extensive experience at both technical and management levels and has been exposed to many international projects all over the world.

With its more than 30 years of experience, **TTA offers a full range of cross-cutting engineering & consulting services** for all kinds of renewable energy and energy access projects, such as:

- *Consultancy in energy access and renewable energy projects (off -grid and on -grid).* Project identification and evaluation; Technical and Economic feasibility studies; Assessment of renewable energy sources, Engineering studies; Social and environmental impact assessments; Owners Engineering services; Preparation of technical specifications and bidding documents; Support during procurement; Construction supervision; Monitoring services; Operation and Management services; Project promotion and dissemination.
- *Engineering Procurement & Construction (EPC) of micro-grids.* Design, supply, installation and commissioning of micro-grid projects.
- *Energy efficiency and green buildings.* Evaluation, design and monitoring of energy efficiency projects; Energy auditing; Integration of renewable energies into buildings and green building practices.
- *Institutional, Policy and Regulatory Support.* Design of rural electrification policies, programmes, strategies and action plans; Policy development and planning; Development of business models and tariff schemes; Market potential assessments.
- *Product development.* Development of products specific for renewable energy and rural electrification projects.
- *Capacity Building.* Capacity building and specialized trainings.
- *R&D.* Publication of articles, documents, guidelines, case studies, and presentations at international conferences.

TTA is a **pioneer firm in renewable energy-based generation and solar PV Hybrid mini-grids**. At the forefront, TTA was the driving force for the implementation of the first micro-grid projects in Spain in the early 1990s, and later on applying its expertise in Latin America, Africa and the Mediterranean. TTA has implemented mini-grids as EPC contractor in Ghana, Chad, Cape Verde, Ecuador, Palestine, Morocco, etc. some of which have been operated and maintained by TTA. Having collaborated in various tasks of the International Energy Agency (IEA), TTA was awarded with the EUREC Technology Prize 2001 “for developing excellent system technology for rural electrification based on renewable energy sources, combined with an innovative, user-oriented approach for its implementation”. Furthermore, in September 2015, TTA was awarded with the Prize “Off-Grid Experts Awards” by the company Off-Grid Phaesun together with ARE (Alliance of Rural Electrification), for excellence in the performance in the field of Off-Grid power supply, in the Category A “product” for TTA’s “Electricity Dispenser”, an advanced meter for mini-grids.

In terms of **publications**, TTA has been the main contributor of the IRENA’s Innovation Outlook: Renewable Mini-grids (2016) and is author of the World Bank’s ESMAP

Benchmarking study of Solar PV mini grids investment costs (2017 & 2018). TTA's first hand field experience in the Operations and Maintenance of Mini-grids has been used by IRENA's Policy Toolkit. These are just some of the latest references in which TTA has participated.

Another significant milestone in the sector is TTA's lead organization of the **International Conference on Solar Technologies & Hybrid Mini Grids to improve energy access**, a relevant sector event conducted on October 2018 in Mallorca (Spain) and which was supported by renowned organizations such as the ESMAP, World Bank, EnDev, the GIZ or SNV.

TTA's track record in the field of Renewable Energies and Rural Electrification is demonstrated by the extensive list of projects carried out around the globe for project developers, contractors, power utilities, governments as well as all major International Organizations such as the World Bank, IFC, UNDP, UNOPS, UNIDO, UNICEF, GEF, UNESCO, IDB, OAS, European Commission, AECID, GIZ, KfW, and other cooperation and development agencies, NGOs, local communities and individuals.

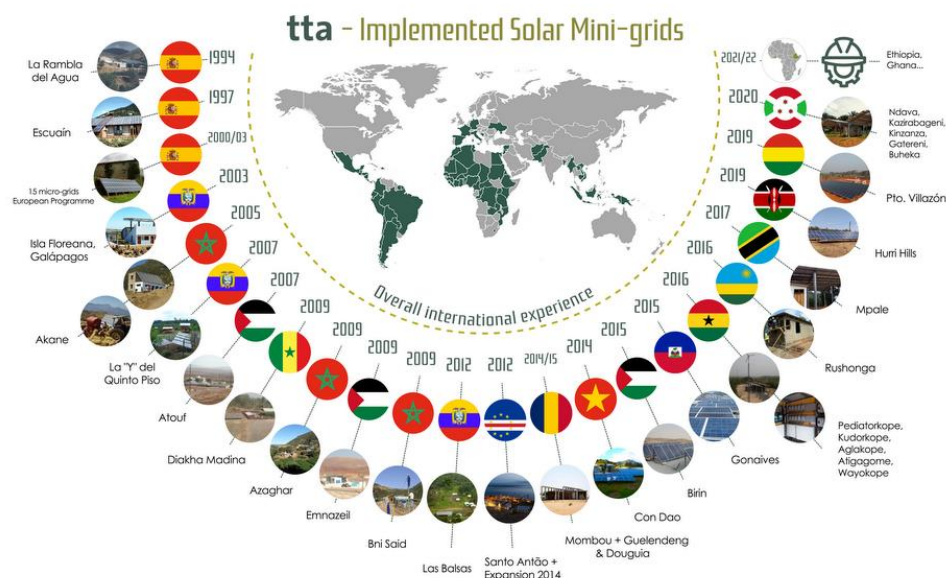


Figure 1. Countries of experience

TTA is also a member of and collaborates with the following organizations and Groups. TTA is a founding member of the **Alliance for Rural Electrification (ARE)** and TTA's Director served as Board member for three years until 2015.



Further detailed information on the work of TTA can be found at: www.tta.com.es/en

Please see some of our Microgrids projects: <https://youtu.be/Z21tenW9YXE>, <https://youtu.be/N1bFpRHk8YU>

2. Job description

TTA is seeking a **Project Manager and Consultant** to join the **Latin America and Caribbean Unit of TTA**. He/she will manage mainly **projects in Haiti**. The nature of projects will mainly be related to energy access through solar distributed PV or mini-grids. This might include on-grid and off-grid solar PV as well as hybrid technologies.

He/she will report to the Latin America and Caribbean Regional Team Leader.

3. Responsibilities

The Project Manager and Consultant will work in the following areas:

Project Management

1. **Overall project management:** control project timeline and budget, lead project teams and meeting deadlines, coordinate the collaboration with external partners (coordinate hiring, negotiation etc.) and external consultants' deliverables.
2. **Client engagement:** develop and maintain professional customer relations by participating in calls, meetings and field missions (when applicable).
3. **Prepare project deliverables:** prepare and review data analysis, technical reports and other deliverables required by the project in a timely manner and with high quality writing.
4. **Field missions.** Travel to project sites when required.

Technical

5. **Feasibility Studies:** Conduct technical and economic feasibility studies for Solar PV plants and solar PV-hybrid mini-grid projects. Conduct energy planning studies. Experience with electricity distribution projects will be valued.
6. **Conceptualize technical solutions:** Support the definition of technical solutions based on project needs and the client needs; Liaise with the Engineering Department to define the concept designs.
7. **Procurement documents:** Elaborate and coordinate consultants for the preparation of Technical Specifications for bidding documents, Support on the elaboration of administrative procurement documentation, participation in tender evaluations.
8. **Financial and business models and delivery schemes:** Carry out or review financial and economic models, Business Model, Tariff Setting, Revenue stream definition Client Policy, Funds mobilization, Costing.
9. **Institutional, Policy and Regulatory Support:** carry out institutional framework analysis, develop strategic and planning documents in the field of sustainable energy, policy and regulatory frameworks, tariff setting among others.
10. **Capacity building:** prepare and deliver trainings for public and private stakeholders.

Business Development

11. **Support business development.** Support the Team Leader and Commercial Department in identifying and preparing proposals.

4. Profile

The ideal candidate for this position will have the following competences:

1. **Educational Background.** A technical degree is desired. Specific education in renewable energies, energy efficiency and management, sustainable energy and/or energy access will be an advantage. Background in Policy, Economics will be valued.

Previous Work Experience. Minimum 8 years of experience in the energy sector is required. Minimum 5 years of experience in Project Management. Experience in development cooperation and engaging with clients is highly desirable. Experience in Latin America and Caribbean will be an advantage

2. **Specific knowledge.** Knowledge in any of the following will be valued:
 - Large Solar PV plants / Rooftop PV plants
 - PV or other RE source mini-grids / SHS, PicoPV
 - Other renewable energies: small wind, bioenergy
 - Power distribution, Energy storage, Grid modelling
 - Power Tariffs, PPAs / Regulatory Framework
 - Procurement processes from international organizations
 - Energy Efficiency, Circular Economy
3. **Languages.** Fluency in French and English with excellent writing skills is mandatory. Spanish is highly desirable. Portuguese is an additional advantage.
4. **Computer Skills.** Excellent command in Microsoft Word, Power Point and Excel are required. Experience with solar PV design software (HOMER or PV SYST), Electrical Power System Analysis Software (e.g. Open DSS, Power Factory), QGIS (or relevant GIS software), Microsoft Project/Wrike or AutoCAD will be valued.
5. **Interests.** Passionate about renewable energies and sustainable development; Motivation to travel internationally.
6. **Skills.**
 - Ability to work with minimum supervision and under pressure
 - Ability to meet and manage client expectations
 - Problem-solver, pro-active and results-oriented
 - Ability to positively engage with other team members
 - Analytical skills, efficient design and implementation of processes
 - Willing to adapt to a flexible working environment, methodical and well organized
 - Creative thinker, quick learner and innovative mindset
 - Cross-cultural communication and interpersonal skills
 - Ability to communicate/switch between languages easily, both verbally and in writing

5. Conditions

Salary and benefits: Depending on qualifications of candidate.

Starting date: April 2022

Position based in: Preferably in Latin America & Caribbean Region or in our main offices in Barcelona, Spain.

Apply >> If you are interested in applying for this position, please click on the following link where you will find the procedure to follow (upload CV and fill-in form): <https://goo.gl/forms/i05SOg847G7bsybE3>

Only shortlisted candidates will be contacted.