



One Solar

C&I

Contact



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Assets Technical & Financial Feasibility

If you already know which business you want for your asset, we will help you defining the optimal energy solution and analysing the technical and financial feasibility. We are experts in developing energy solutions such as renewable energy generation, storage and EV charging stations.

Description



1

Definition of Technical solution: We review your asset characteristics and consumption loads or energy needs in case of EV charging stations.



2

Energy Loads Studies: When unknown, industry energy consumption curve loads may be produced based on the client operation.



3

Definition of Technical solution: One Solar prepares a basic engineering to define the technical solution and estimate energy generated, stored or charged.



4

Energy price forecasts: Different bankable hourly energy price forecasts and spreads may be taken into consideration for the analysis.



5

Business model: You will know the rentability of the technical solution defined and expected cost required (CAPEX and OPEX).



Assets Business Strategy

Your assets may have a lot of unknown value. Whether you have a terrain, a rooftop or a parking lot, there is a perfect business model to take more profit from them. We are experts in developing energy solutions such as renewable energy generation, storage and EV charging.

Description



Energy market concept: One Solar will detail all market schemes available for energy generation, storing, purchasing and selling.



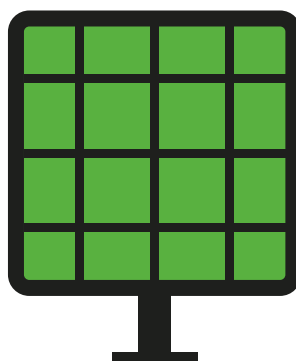
Assets analysis: We review all your assets and study the energy potential to develop.



Business modelling: All parameters are cooked in a tailor-made business model.



Strategy definition: Based on the client's expectations and preferred business models, a road plan for execution is prepared.



Energy Selling and Purchase (PPA)

One Solar will help you selling the energy you will generate in your asset or reduce the energy you are purchasing through Power Purchase Agreement. We join producers with consumers which match in needs and expectations.

Description



Analyse Energy Generation / Consumption: We review your asset production / consumption.



Energy selling:

- Energy price analysis: Local market research and calculation of appealing PPA price for consumers.
- Energy selling proposals: PPA proposal definition and negotiation to present to consumers.



Energy purchase:

- PPA offers analysis: Tendering and analysis of PPA offers (on-site / off-site generation) received from Producers.



PPA contract: Definition, negotiation and structuring PPA contract.



Energy Solution Commissioning

Once the construction is finished, One Solar will commission the system according to local regulations and enabling the Client to monitor the system.

Description



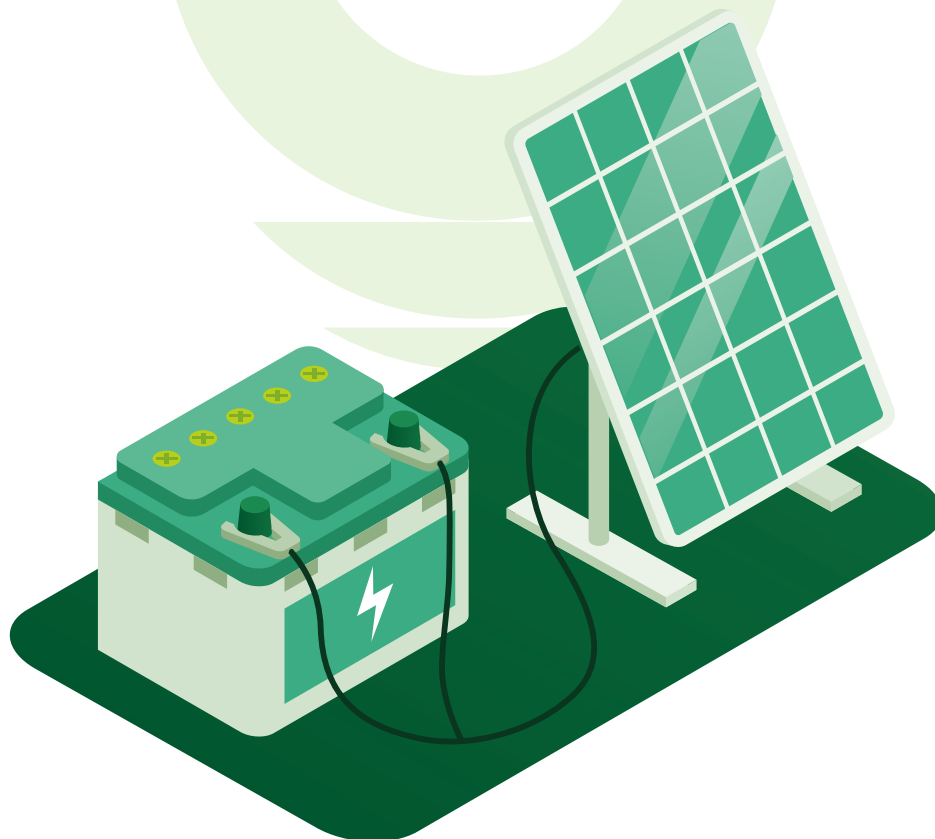
1

Commissioning: Cold and hot commissioning of Energy Solution equipment (inverters, BESS, dataloggers and EV charger).



2

Monitoring platform support: We will grant access to the Monitoring Platform and provide guidance for its full operation.



Energy Solution Engineering and Technical Advisory

As part of an Energy Solution Development process, One Solar will help prepare all drawings, calculations and reports required for a full engineering package ready for the Installer Company to build the installation.

Description



1

Technology Benchmarking: Different technologies will be analysed for the energy solution in order to provide the optimal performance.



2

Engineering for construction documentation: Prepare full engineering package for construction. Includes all required drawings, calculations, simulations, reports and technical project.



3

Technical Direction: One Solar will act as part of the Project Technical Direction and will perform technical on-site visits in order to ensure the design is followed.



4

Technical Advisory: We will act as your Technical Advisory during construction.



Energy Solution Procurement

As part of an Energy Solution Development process and following the Engineering phase, One Solar will help you choose the most suitable providers for main components and installers.

Description



Technical Specifications: One Solar will prepare different Request for Quotation for Main Components and Installation based on highest quality standards.



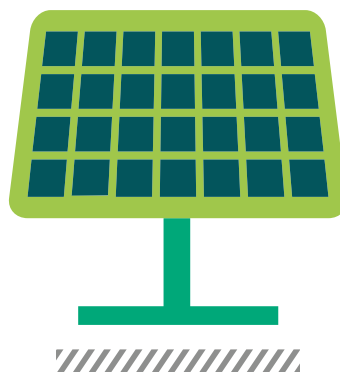
Tendering: We will open a tender process for Main Components and Installation with most suitable providers on the market. If required, One Solar will lead on-site visits for the bidders on behalf of the Client.



Offers analysis: The offers received will be analysed and compared and One Solar will provide recommendations.



Contracting: One Solar will support on the contract negotiations with suppliers for Main Components and Installation.



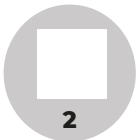
Energy Solution Construction Supervision

One Solar will help you during the execution of your energy solution, weather it is a PV installation, storage or VE charging station.

Description



Engineering for Construction Review: Revision of full engineering package for construction from the EPC company.



Permits and legalisation follow up: One Solar will make sure all permits are in place before the construction start and right procedures are followed for the legalisation.



Construction Supervision: Make sure that construction is executed according to engineering and with all required Health & Safety measures.



Documentation package Review: Revision of full as built documentation, Performance Test and warranties from the EPC company.



Project Permit Advisory and Development

One Solar will help you developing your energy asset with the required permits for the construction and following project legalisation after the installation is executed.

Description



Regulatory Landscape: One Solar will explain the regulatory framework and permits required for the development of the energy solution.



Engineering for permitting: Prepare drawings, calculations and Project for permits required.



DNO Permitting and legalisation: Prepare documentation and request connection permit for consumption or generation.



Regional Permitting and legalisation: Prepare documentation and request Administrative Authorization with regional entity.



Local Permitting: Prepare documentation and request Municipal License or Communication.



CASE STUDY

Solar Communities

> 11 MWp Solar Communities on Industrial Parks

Consultancy Services for Installation of collective PV self-consumption projects in RealEstate industrial parks.
Consultancy services to develop the Business Model including Strategy definition, benefit and costs.



Business Model Consultancy

Collective self-consumption strategy development and Costs and Benefits analysis for Business Modelling.



Basic Engineering & Permitting

Technical documentation package for permit submission with DNO, Administration and Municipality.



PPA with Self-consumers

Preparing PPA documentation and offering for self-consumers with attractive price.



Site Supervision

Construction Engineering review, Owner's site management, Electrical, Mechanical & Civil Quality Supervision, H&S Coordination, CommissioningSupervision.



Year	Country	MW
2023-now	Spain	11



CASE STUDY

Self-consumption for Railway Network

25 MW for self-consumption in Kenya



Demand & Energy Bills Analysis

Load curve creation based in global consumption, daily patterns and Energy Bills



Business Modelling

IRR and Payback values extracted from a hourly modelling. Energy Solution CAPEX and profit estimation.



Technical Solution

Sizing both Ground Mounted and Rooftop PV + BESS installations based on demand analysis and Energy Simulation



Financial Insights

Delivers comprehensive financial analyses to assess economic viability, attract investors, and secure project funding efficiently.



Year	Country	MW
2025	Kenya	25



CASE STUDY

Self-consumption Development

1,5 MW Self-consumption Installation Development

Energy solution (PV and/or BESS system) feasibility analysis with positive results. Permit development and execution of Engineering for construction, Procurement of Main Equipment, Installation tendering and System Commissioning.



Feasibility analysis

Simulation with Energy Solution including expected demand. Financial analysis with forecasted costs and benefits.



Engineering for Construction & Procurement

Complete engineering documentation package for the construction and Procurement for Main Equipment, including tendering for most suitable Installer



Project Permitting & Legalisation

Submitting all documentation permits & legalization with DNO, Regional and local authorities



System Commissioning

PV and/or BESS system commissioning with most profitable operation modality



Year	Country	MW
2023-now	Spain	1,5



CASE STUDY

Electric HDV Charging Station

Electric HDV Charging Station Definition

Consultancy activities to develop the technical solution of a high-power charging infrastructure for electric trucks with generation and storage in several parking locations across Europe.



ESG Strategy

Conduct a preliminary analysis of PADROSA's assets, business models, and energy usage to tailor renewable energy solutions, including PV, wind and BESS.



Technology and Financing

Outline financing solutions such as PPAs and leasing, and structure ownership and operation for charging stations.



Technical Solution

Design a standard technical solution for an e-truck parking, including generation, storage technology, and EV chargers.



Project Tendering

Tendering process with several CPOs to select the most suitable candidate for the Client complying with specific technical and commercial requirements.



Year	Country	# HPC
2024-25	EU (5+ countries)	40



Track Record: BESS Advisory Services

EXTRACT OF RELEVANT RELATED ASSIGNMENTS WITHIN THE LAST 24 MONTHS

Service	Project Type	Client	Year	Country	Size	Description
Energy Solution Engineering & Procurement	H2V CS	Confidential	2024 -now	Europe (3 sites)	4 MW	Consultancy activities to develop the technical solution of a high-power charging infrastructure for electric trucks with generation and storage in assets.
Business Strategy	PV	Confidential	2023 -now	Spain (6 sites)	11 MW	Consultancy services for developing the business model for energy distribution from a Client PV asset to local
Energy Solution Supervision	PV	Confidential	2024 -now	Spain (3 sites)	3 MW	Consultancy services for Site Supervision during PV rooftop construction (Allowing maximum quality and safety of the installations)
Project Permits Development	PV	Confidential	2024	Spain	11 MW	Rooftop Collective Self-consumption Project development up to the Access & Connection Permits are granted. Includes business model, bank guarantees placement support, basic engineering and A&C permits submission.
Technical & Financial Feasibility	PV + BESS	Confidential	2025	Kenya	25 MW	Consultancy Services for Technical & Financial Feasibility Study of rooftop and Ground Mounted Self-consumption installations for Railway network in Kenya
Energy Solution Permit Development, Engineering, Procurement & Commissioning	PV	Confidential	2024	Spain	573 kWp	Feasibility and development of generation (different types of structures) and BESS solutions. Engineering for Permitting and Construction, Main Equipment Procurement and Tendering Management for a cost-effective solution with a suitable Installer of the selfconsumption installation with surplus and Commissioning of the solution.

