

## Project manager in charge of energy transition

*Immédiate Availability*  
*Mobility : France-Europe*

**7 years of expériences**

## RESUME

I graduated as an engineer in energy engineering and renewable energies from Polytech'Montpellier in 2016. I had to realize strategic studies (inventory, engineering, regulatory, economic and financial studies, calls for tenders, choice of suppliers-installers and operator) deployment of electric cars and charging stations in Perpignan, deployment of hydrogen buses and hydrogen charging stations in Auxerre. I acquired the know-how, experience and methodology necessary to carry out a project for the deployment of a fleet of light and heavy vehicles. In addition to my career, I had to manage construction projects for solar power plants, biomass and hydrogen tank test centers from studies to the completion of the provisional and final acceptance of each construction.

I am passionate about the challenges of the energy transition and it is always a pleasure to work in this profession.

## LANGUAGES (languages + level)

- French
- English (TOEIC : 880)

## TOOLS

- Pack office
- Excel vba, matlab/simulink
- Pvsyst, pvgis, mastervolt, hélioscope
- Windpro, windographer
- Pleiades+comfies, perrenoud, climawin, elodie
- Autocad, google sketchup
- Microsoft Project

## FORMATIONS

**2016 : Polytech 'Montpellier, (Montpellier)**

*Engineer's degree in energy engineering and renewable energies*

**2018 : Institut de Business et Management de Berlin, (Berlin)**

*Certification MBA*

**2019: London School of Economy and Political Science, (London)**

*Certification of international business, relations and political economy*

Contact :

Khadidiatou Camara

[k.camara@siccogen.com](mailto:k.camara@siccogen.com)

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Paris 09

# PROFESSIONAL EXPERIENCES

From 02/2022 to 10/2022

ZE Energy, France

## **Project manager for ground-based solar PV power plants: project management, monitoring of administrative and regulatory procedures, project management**

*Project: hybrid solar power plant on the ground*

- Management of a 13MW battery storage installation project in Monfalcone, Italy:
  - o Monitoring and obtaining administrative and regulatory authorizations (building permit, environmental authorization, connection agreement),
  - o Follow-up of engineering studies,
  - o Recruitment of subcontractors necessary for engineering studies and construction,
  - o Weekly project monitoring meetings, reporting,
  - o Update of the investment cost of the project,
  - o Management and contractual monitoring of the project,
  - o Planning of the project until the start of the construction of the installation in Italy.
- Management of a solar power plant project of 80 MWp of PV panels and 15 MW of batteries in Vert, France in the APD, PRO phase:
  - o Project planning,
  - o Weekly project monitoring meetings,
  - o Consultation and selection of companies for the purchase of PV inverters and transformers, PV panels, PV structures, batteries,
  - o Consultation and selection of companies for the realization of G2AVP geotechnical studies, hydrological studies, topographic studies and demarcation,
  - o Update of the project investment cost

From 11/2017 to 30/01/2022

Justy ingénierie énergies, France

## **ENR/Hydrogen project manager: project management, engineering, administrative procedures, construction and commissioning supervision**

*Project: solar power plant on the roof and on the ground, deployment of hydrogen infrastructure, hydrogen test centers, biomass cogeneration plant*

- Management of the construction, provisional and final acceptance of a hydrogen tank test center for hydrogen vehicles on behalf of Plastic Omnium in Brussels, on the Deltatech site.
- Pre-project studies, feasibility studies, project management for the creation of a test and certification center for hydrogen tanks and fuel cells in Bavans (Franche Comté) for Faurecia

- Eolbus project to deploy buses and hydrogen stations in Auxerre and set up a platform for managing surplus green electricity via hydrogen storage for the town hall of the city of Auxerre: Feasibility studies, launch of tenders for the choice of supplier, operator of hydrogen buses and stations
- Studies and advice on the opportunities for a hydrogen storage project in a salt cavern in France for Rougeot and Storengy
- Production of green hydrogen, storage and distribution to industrial customers for the customer Aladin Khaldi, Lyon Métropole
- Answers to calls for tenders and realization of feasibility studies and autonomous installations of photovoltaic solar power plants on the roof with storage of 100 kWp in Franche Comté for the regional council of Bourgogne Franche Comté
- Studies, procedures until the launch of the construction of a 25 MW solar power plant on the ground in the Var for Solarcentury
- Design and construction of a 200 kWp car park shade house construction project with battery storage, Montpellier and commissioning for Qair
- Design and engineering, commissioning of the 16 MW ground power plant in Dijon Valmy, France for EDF ENR and the regional council of Bourgogne Franche Comté
- Management of a cocoa pod cogeneration plant project: pre-project phase, study phase, procedures until obtaining the building permit
- Advice on the choice of suppliers and technology for the construction of a W2E biomass power plant to supply the stadium in Liège, Belgium on behalf of John Cockerill Energy
- Pre-project studies and acceptance procedure for a 2.5 MW solar power plant in Chad for John Cockerill Energy
- AMO for the development of the master plan for the heating network of the urban community of Cergy Pontoise
- Responses to calls for tenders for AMO, project management for the rehabilitation of boiler rooms, the development of master plans for heating networks, the development of energy performance contracts for public buildings

**From 01/10/2016 to 30/09/2017 Calambio Engineering AB, Sweden**

### **Biomass project engineer**

*Project: construction of a wood cogeneration plant in Sveg, sweden: construction and optimization phase of the urban waste cogeneration plant in Nybro, Sweden*

- Realize technical and economic implementation and optimization studies of the performance of power plants, the heating and cooling network.
- Consult plant equipment suppliers and equipment costing
- Prospecting potential customers for the sale of heat and electricity.
- Organize and facilitate meetings in English with interested clients.
- Monitor projects during the implementation phase by reporting on their progress to management.
- Supervise and ensure the coordination of technicians and/or subcontractors in studies and on site.
- Represent the company at events, fairs, etc. and make corporate presentations.

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- Participation in the commissioning of the power plants and presentations of the power plants put into service to potential customers in the presence of the manager and the founder of the company

**From 01/02/2016 to 01/09/2016      DWARSVERBAND, Netherlands**

### **Engineer in charge of the energy storage project for sustainable transport**

*Project: R&D studies for energy storage in light and heavy electric vehicles*

- Market study to define the technical and economic needs and expectations of the future electric vehicle market
- List all existing energy storage systems and their technical and economic characteristics
- Selection of storage systems that can meet the future expectations of the green transport market according to several criteria
- Research and consultation of patents in order to see the advantages, disadvantages, challenges to be met on these selected storage systems
- Perform the 1st multiphysics simulations to improve, optimize and meet the challenge of the selected storage systems
- Define the experiments to be done, software simulations, the recommended software and the costs necessary for this study
- Search for technical and financial partners for the rest of the project: a financial partner and a laboratory have been found to implement the results of my research (knowledge of storage systems, sizing, performance simulation, software) .

**From 02/2015 to 01/2016      SPL Perpignan Méditerranée, France**

### **Project engineer for electric vehicles and electric charging stations**

*Graduation project: Feasibility studies for the deployment of electric cars and charging stations in Perpignan for the SPL Perpignan Méditerranée*

- Mobilize the actors involved in this project by developing technical and economic actors, financial mechanisms, target customers (shopping centers, restaurants, offices);
- Evaluate the locations of potential locations for electric vehicles and charging stations based on the location of target customers, the availability of electricity at electricity distribution stations, the location and number of parking lots available;
- Define the number of electric vehicles and the number of charging stations according to each location;
- Make a technological inventory of electric vehicles and charging stations;
- Carry out regulatory and administrative monitoring adapted to this project for the installation of charging stations and the deployment of electric vehicles;
- Write specifications and send to suppliers inventoried for the request a technical and commercial offer for the supply, deployment of electric vehicles, installation of charging stations and maintenance assistance;
- Compare the offers received according to several criteria and choose the suppliers of electric vehicles and charging stations;

- Carry out an economic study of the project by evaluating the investment cost of the project (TCO of vehicles, cost of supply and installation of charging stations);
- Make a financial study of the project for the request for ADEME subsidies by evaluating the revenues, the operating and maintenance costs, the economy of the project, the financial indicative values of the profitability of the project (IRR, NPV);
- For the project company, assess the assets, liabilities, the provisional income statement for the ADEME grant application;
- Drafting of the detailed report of the project studies and presentation to the SPL Perpignan Méditerranée which is a national company managing the property of the city of Perpignan and financially supported by ADEME on this project.

It is this project that favored my hiring in the Netherlands by DWARSVERBAND for my end-of-study internship on energy storage in electric vehicles because this structure had already worked with ADEME Europe on themes of the same kind.