

# Curriculum vitae

**Position Title: Power distribution & Renewable energy Engineer**

**Position No.:**

**Family name: DEMENTARE**

**First names: GUY OSWALD**

**Date of birth: 1978**

**Passport holder: CAMEROONIAN**

**Contact: +237 670597508 – Email: [guyodemtare@yahoo.fr](mailto:guyodemtare@yahoo.fr)**

## Education:

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
ENSAI of Ngaoundere University, Cameroon (October 2000 to March 2004)	<b>Master of Engineering Degree (GCE A+5) in industrial maintenance and production</b>

**Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)**

Language	Reading	Speaking	Writing
English	2	2	2
French	1	1	1

**Membership of professional bodies: Cameroon National order of Electrical Engineer. Ref. A010611**

## Other skills:

- ETAP/PowerFactory - Power Planning, Simulation and Analysis of Electricity Generation, Transmission & Distribution network
- RETSCREEN Expert – PV solar/Small Hydro/Biomass system
- GEOSIM – Rural electrification planning
- NEPLAN/CYMDIST – MV/LV distribution network design
- PLS CADD – HV/MV/LV distribution network mechanical calculation
- HOMER Energy – Optimization of Hybrid Electricity Generation system
- AUTOCAD – Technical Drawing & Cartography
- MANIFOLD – Geographical Information System
- MS WORD/EXCEL/POWERPOINT/PUBLISHER in WINDOWS Environment

**Present position: Power Generation, Transmission & Distribution Consultant**

**Work Experience: 15 years**

## Key qualifications:

- Planning, Detailed Engineering studies and monitoring / control of electricity access infrastructures (Renewable Energy, Generation, Transmission and Distribution);
- Electricity sector (Generation, Transmission, Distribution, Renewable energies and Energy Efficiency) Policy, Institutional and regulatory frameworks review and analysis;
- 15 years of experience in the field of electrical power and Renewable Energies;
- Proficiency in International standards and general technical requirements in planning and engineering of Transmission and Distribution networks;
- Proficiency in Engineering, Procedures and Mechanisms for monitoring, control and interconnection of Generation, Transmission & Distribution infrastructures;

- Technical Audit of Power Generation, Transmission and Distribution infrastructures;
- Survey Planning and implementation, Energy Data processing and analysis, cartographic and topographic data survey, processing and analysis for construction of electricity Generation, Transmission and Distribution infrastructures;
- Economic and Financial analysis of Electricity Generation, Transmission and Distribution Projects;
- Capacity building development and implementation for key energy sector stakeholders (Government, Investors, Rural councils, Developers, NGO, etc.)
- Contract management and Technical assistance in the field of electrical energy in accordance with procedures and rules of main Donors and Partners for Development in Africa (European Union, World Bank, African Development Bank, etc.);
- Design and assembly proposals for National and International Calls for bids in the field of electrical energy in accordance with procedures and rules of main Donors and Partners for Development in Africa (European Union, World Bank, African Development Bank, etc.).

**Specific experience in the region:**

<b>Country</b>	<b>Date from - Date to</b>
MALI	15/03/18 – 31/12/18
SENEGAL	01/06/17 – 16/06/17
MAURITANIA	28/05/17 – 01/06/17
NIGER	21/05/17 – 28/05/17
TOGO	18/10/16 – 24/01/17
CHAD	15/05/16 – 15/06/16

## Professional Experience

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
March-Dec 2018	MALI	AETS Consultants (France)  <i>Réf. Laurent AUGUSTIN</i> <i>E-mail: <a href="mailto:laurent.augustin@aets-consultants.com">laurent.augustin@aets-consultants.com</a></i>	Power Distribution Expert	<i>Project description:</i> <b>Power Transmission and Distribution Master plan design of BAMAKO</b> <i>Activities:</i> <ul style="list-style-type: none"> <li>▪ Collection and analysis of existing Power distribution system of Bamako;</li> <li>▪ Assessment of electricity demand in Bamako;</li> <li>▪ Power distribution system planning;</li> <li>▪ Power distribution system analysis;</li> <li>▪ Power distribution system investment planning;</li> <li>▪ Capacity building Reinforcement of Engineers of EDM SA on Power distribution system Planning and Analysis.</li> </ul>
October 2017- January 2018	CAMEROON	« National Community-Driven Development Program »  <i>Ref. ZEH AKONO</i> <i>E-mail: <a href="mailto:pndp_crc_ce@yahoo.fr">pndp_crc_ce@yahoo.fr</a></i>	Rural electrification Expert	<i>Project description:</i> <b>Rural electrification project design and monitoring</b> <i>Activities:</i> <ul style="list-style-type: none"> <li>▪ Collection and analysis of topographic, environmental and socio-economic data of the beneficiary localities;</li> <li>▪ Assessment of electricity demand in the beneficiary localities;</li> <li>▪ Evaluation and choice of power supply options (MV/LV networks extension, PV / Diesel hybrid power plant) of the beneficiary localities;</li> <li>▪ Topographic and technical evaluation of optimal routing of power distribution lines;</li> <li>▪ Technical design of production infrastructures (PV / Diesel hybrid power plant) and electricity distribution in beneficiary localities in conformity with the directives of the General Technical Prescriptions Book of ENEO (National Utilities company) version February 2008 and the current International Standards;</li> <li>▪ Implementation of the ETAP software</li> <li>▪ Detailed studies and financial evaluation of local electrification networks;</li> <li>▪ Capacity building Reinforcement of Engineers / technicians coming from rural Councils on design and monitoring of rural electrification project;</li> </ul>
May-June 2017	NIGER, MAURITANIA, SENEGAL	SOCEDI Burkina Faso (General Electric Contractor)  <i>Réf. GALO GUIE BI</i> <i>E-mail: <a href="mailto:galoguiebi@gmail.com">galoguiebi@gmail.com</a></i>	Telemetry/RTU Engineer <b>Financing by European Union</b>	<i>Project description :</i> <b>Telemetry, RTU/PMU and Telecom infrastructures survey in Power substations (WAPP Interconnected network).</b> <i>Activities :</i> <ul style="list-style-type: none"> <li>• Data collection and processing of telemetry, RTU/PMU and telecom equipments in substation</li> </ul>

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
				<p>(90KV, 132KV and 225KV):</p> <ul style="list-style-type: none"> <li>○ <b>NIGER</b> (NIAMEY II and GAZAOUA Power substation),</li> <li>○ <b>MAURITANIA</b> (NOUAKCHOTT, ROSSO, BOGHE, KAEDI and SILIBABY Power substation)</li> <li>○ <b>SENEGAL</b> (BAKEL, MATAM, DAGANA, TOBENE, SAKAL, KOUNOUNE, MBAO and CAP DES BICHES Power substation)</li> </ul> <ul style="list-style-type: none"> <li>● Technical Report Production</li> </ul>
March – December 2017	CAMEROON	<p>MWH (STANTEC) –Belgium</p> <p><i>Réf. Magda POPESCU</i>  <i>E-mail :</i>  <a href="mailto:magdalena.popescu@mwhglobal.com">magdalena.popescu@mwhglobal.com</a></p>	<p>Renewable Energies Engineer  <b>Financing by European Union</b></p>	<p><u>Project description :</u>  <b>Development of Procedures Manual on independent electricity generation from renewable sources connected to national power grids</b></p> <p><u>Activities :</u></p> <ul style="list-style-type: none"> <li>▪ Institutional and Regulatory Review of the Electricity and Renewable Energy Sector of Cameroon</li> <li>▪ Assessment of Renewable Energies Potential (Solar, Small Hydro, Biomass and Wind) of Cameroon</li> <li>▪ Analysis of recent Renewable Energies projects and difficulties encountered</li> <li>▪ Analysis and elaboration of Criteria and technical conditions for grid connection, technical standards for construction and operation to be respected, financial and operating conditions of the power supply line</li> <li>▪ Analysis of National territory development and use of renewable energy resources</li> <li>▪ Contribution to the drafting of the procedures manual</li> </ul>
October 2016 – January 2017	TOGO	<p>AETS Consultants (France)</p> <p><i>Réf. Laurent AUGUSTIN</i>  <i>E-mail :</i> <a href="mailto:laurent.augustin@aets-consultants.com">laurent.augustin@aets-consultants.com</a></p>	<p>Electrical Expert  <b>Financing by European Union</b></p>	<p><u>Project Description :</u>  <b>Technical audit of Togo Electric Power Company (CEET) assets.</b></p> <p><u>Activités :</u></p> <ul style="list-style-type: none"> <li>▪ Technical audit of Togo Electric Power Company (CEET) assets in Lome city</li> <li>▪ Electricity generation infrastructure (Lome- headquarters thermal power plant)</li> <li>▪ Electricity transmission network including HV substations (Lome A substation, Lome B substation and Lome-headquarters substation)</li> <li>▪ Electricity distribution network including MV / LV substations (625 km MV Power line and 861 MV / LV substations)</li> <li>▪ Technical conformity Evaluation of MV and LV distribution networks</li> <li>▪ Electricity distribution infrastructure database update in Lome City</li> <li>▪ Analysis and evaluation of coordination modes and procedures of Technical services involved on Transmission and Distribution infrastructures</li> </ul>

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
2016-2017	CAMEROON	Ministry of Water and Energy  <i>Ref. MASSOMA BILLE Pierre</i> <i>Director DERME</i> <i>E-mail : <a href="mailto:massomabille@yahoo.fr">massomabille@yahoo.fr</a></i>	Deputy Project Manager	<ul style="list-style-type: none"> <li>▪ Capacities building of CEET technical executives on evaluation and valorization methods of electricity generation, transmission and distribution facilities</li> </ul> <p><i>Project Description:</i>  <b>Feasibility studies and detailed design for construction of 3 MW hydroelectric power plant connected to associated power distribution networks for electrification of Belel council localities.</b></p> <p><i>Activities :</i></p> <ul style="list-style-type: none"> <li>▪ Operational supervision of project activities;</li> <li>▪ Technical, administrative and financial follow-up of on-site and office activities;</li> <li>▪ Socio-economic studies and electricity demand analysis in the territory of Belel council;</li> <li>▪ On-site technical investigations (hydrology, geology, geotechnics, topography and mapping, socio-economy, environmental);</li> <li>▪ Technical studies for the development of the site layout plan and the design of the hydroelectric power station;</li> <li>▪ Technical studies for the designing of interconnected MV / LV electrical distribution networks in Belel Council;</li> <li>▪ Consolidation of technical studies reports (electricity demand, civil engineering works, hydro-mechanical equipment, electromechanical and electrical equipment, electricity distribution networks, environmental and social impact, economic and financial analysis);</li> <li>▪ Definition and implementation of Capacity building for Engineers of the Ministry of Energy on the development and connection to the Northern Interconnected Network of the hydroelectric power plant;</li> <li>▪ Consolidation of tender documents for work execution.</li> </ul>
2016-2017	CAMEROON	Dschang Council <i>Ref. Paul DONT SOP</i> <i>Technical Manager</i> <i>E-mail : <a href="mailto:dontsop2001@yahoo.fr">dontsop2001@yahoo.fr</a></i>	Project Manager Financing by KfW	<p><i>Project Description:</i>  <b>Feasibility Studies for the construction of 200 public lighting points by solar PV in Dschang city</b></p> <p><i>Activities :</i></p> <ul style="list-style-type: none"> <li>▪ Operational supervision of project activities;</li> <li>▪ Technical, administrative and financial follow-up of on-site and office activities;</li> <li>▪ Follow-up of socio-economic surveys to assess the public lighting needs of beneficiary populations and the administrative and traditional authorities of the city of Dschang;</li> <li>▪ Follow-up of on-site technical investigations (topography and cartography, socio-economy, environmental);</li> <li>▪ Follow-up of the technical studies for the designing of the public lighting works by PV solar energy;</li> <li>▪ Consolidation of technical reports ;</li> </ul>

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2016	CAMEROON & CHAD	GENEX (HATCH-ARTELIA Contractor)  <i>Ref. NOUYA BETHEL General Manager E-mail : <a href="mailto:nouya.bethel@yahoo.fr">nouya.bethel@yahoo.fr</a></i>	Rural Electrification Expert  <b>Financing by ADB</b>	<ul style="list-style-type: none"> <li>▪ Consolidation of Tender Documents.</li> </ul> <p><b><u>Project Description:</u></b>  <b>Planning and Feasibility Studies for electrification of localities located along a 25 km corridor on either side of the 225 KV interconnection line between Ngaoundere (Cameroon) and Ndjamena (Chad).</b></p> <p><b><u>Activités:</u></b></p> <ul style="list-style-type: none"> <li>▪ Collection and analysis of topographic, environmental and socio-economic data of the beneficiary localities (460 localities / 415-Cameroon and 45-Chad);</li> <li>▪ Assessment of electricity demand in the beneficiary localities;</li> <li>▪ Evaluation and choice of power supply options (MV/LV networks extension, PV / Diesel hybrid power plant) of the beneficiary localities;</li> <li>▪ Topographic and technical evaluation of optimal routing of power distribution lines (1500 km of distribution line);</li> <li>▪ Technical design of production infrastructures (PV / Diesel hybrid power plant) and electricity distribution in beneficiary localities in conformity with the directives of the General Technical Prescriptions Book of ENEO version February 2008 and the current International Standards;</li> <li>▪ Consultation with ENEO to take into account its technical requirements in electricity distribution in Cameroon specifically on the Northern Interconnected Network;</li> <li>▪ Detailed studies and financial evaluation of local electrification works;</li> <li>▪ Implementation of the ETAP software.</li> </ul>
2015-2016	CAMEROON	ANGELIQUE INTERNATIONAL Limited <i>Ref. Nagender Pal Tomar Project Manager E-mail : <a href="mailto:nagender.tomar@angelique-india.com">nagender.tomar@angelique-india.com</a></i>	Project Manager  <b>Financing by ADB</b>	<p><b><u>Project Description:</u></b>  <b>Topographic and cartographic surveys for the electrification of 220 localities in the Southern and Central Regions of Cameroon.</b></p> <p><b><u>Activities :</u></b></p> <ul style="list-style-type: none"> <li>▪ Collection, treatment and analysis of socio-economic data in the beneficiary localities for assessment of the electricity demand;</li> <li>▪ Coordination of a permanent project team of 25 Engineers and Technicians and 30 workers;</li> <li>▪ MV and LV lines Routing identification;</li> <li>▪ Topographical GPS surveys with DGPS of lines corridor of beneficiary localities;</li> <li>▪ Processing and consolidation of topographic data for use by JOVE® software for the mechanical calculation of power lines (1067 km of HV / LV lines).</li> </ul>
2011-2015	CAMEROON	Cameroon Electricity Sector Regulation Agency <i>Issiaka FONFATAWOUO</i>	Project Manager	<p><b><u>Project Description:</u></b>  <b>Private Investments Promotion in rural electrification sub-sector in Cameroon (Invest '€ lec) using small hydro, solar and biomass resources.</b></p>

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
		<p>Studies Director E-mail : <a href="mailto:issiakaf@gmail.com">issiakaf@gmail.com</a></p>		<p><u>Activities :</u></p> <ul style="list-style-type: none"> <li>▪ <b>Investigation of 293 potential sites for Decentralized electricity generation projects</b> in all over the national Cameroonian territory (<b>261 small hydro sites</b> and <b>32 biomass Sites</b>), for a cumulated power of <b>284MW</b> (Small Hydro: 247MW and Biomass: 37MW)</li> <li>▪ Setting up of <b>35 rural electrification pilot projects</b> (23 small hydro power projects of less than 5MW, 9 biomass power projects and 3 solar power projects),</li> <li>▪ Setting up of <b>6 Feasibility studies</b> for small hydroelectric power plant less than 5MW (Poupem / Batie -1.17MW, Malabloudje / Fokoue - 1.35MW, Dibombe / Manjoo - 1.46MW, NGII / Jakiri - 1.42MW, Mboro / Akonekye - 1.05MW, Mali / Betare Oya - 4.8MW),</li> <li>▪ Capacity building Reinforcement of Engineers / technicians coming from 275 Cameroonian SME and 129 Councils, through the organization of 13 information meetings and trainings: 5 training sessions on site investigation, design of small hydro, biomass, solar power plants and financial and economic analysis, 2 sessions of exchange-debates with the private sector,</li> <li>▪ Sensitization and information for SMEs, local authorities and investors on the energy potential and the institutional and regulatory environment of the electricity sector in Cameroon through the organization of seminars and workshop-debates on Law N ° 2011/022 (14 December 2011) governing the electricity sector in Cameroon, incentives for investment in the electricity sector, rules and procedures for obtaining licenses to operate in Electricity sector,</li> <li>▪ Experience exchange in <b>Madagascar</b> concerning electricity generation using small hydro, biomass and solar potential resources.</li> </ul>
2013	CAMEROON	<p>Cameroon Electricity Sector Regulation Agency Issiaka FONFATAWOUO Studies Director E-mail : <a href="mailto:issiakaf@gmail.com">issiakaf@gmail.com</a></p>	Studies Engineer	<p><u>Project Description:</u> <b>Development of Cameroon's policy, strategy and action plan for energy efficiency in the industrial, public and domestic sectors with the aim of:</b></p> <ul style="list-style-type: none"> <li>▪ reduce electricity bills in public buildings,</li> <li>▪ improve the practice of energy efficiency actions among industrialists,</li> <li>▪ improve the practice of household energy efficiency actions, especially during peak hours (6 pm - 10 pm),</li> <li>▪ create an institutional and regulatory platform for the promotion of energy efficiency in the electricity sector in Cameroon.</li> </ul> <p><u>Activities:</u></p> <ul style="list-style-type: none"> <li>▪ Collection and analysis of data from the main stakeholders (industrial, public buildings and households),</li> <li>▪ Development and adoption of the national energy efficiency policy document,</li> </ul>

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
				<ul style="list-style-type: none"> <li>▪ Development and adoption of the National Energy Efficiency Strategy Paper,</li> <li>▪ Development and adoption of the short-term and medium-term energy efficiency action plan.</li> </ul>
2011-2013	CAMEROON	IED Invest Hugo YVANOFF Project Director E-mail : <a href="mailto:h.yvanoff@ied-sa.fr">h.yvanoff@ied-sa.fr</a>	Rural Electrification Engineer	<p><b><i>Project Description: « MBAKAOU Carrière »</i></b>  <b>Planning and Development of a hydroelectric power plant with a capacity of 2.8 MW at the Mbakaou-Carrière site, Djerem river and electrification of 8 localities in the TIBATI Sub-division.</b></p> <p><b><i>Activities :</i></b></p> <ul style="list-style-type: none"> <li>▪ On-site data collection and analysis (8 locations),</li> <li>▪ Topographic, cartographic, environmental, socio-economic evaluation of the beneficiary localities,</li> <li>▪ Definition and topographic surveys of MV transmission and distribution power line corridor,</li> <li>▪ Electrical and mechanical calculations of MV transmission and distribution lines using SIMUL MT, SIMUL BT and JOVE®,</li> <li>▪ Application of directives of the General Technical Prescriptions Book of ENEO (February 2008 version) and the current International Standards,</li> <li>▪ Financial evaluation of electrification works of the beneficiary localities.</li> </ul>
2011-2015	CAMEROON	BAHAM Council Ref. Isidore TEGUIA BAHAM Council Mayor E-mail : <a href="mailto:teguiakamdem@intek-cm.com">teguiakamdem@intek-cm.com</a>	Rural Electrification Engineer  Financing by European Union	<p><b><i>Project Description: « DER-Hauts Plateaux »</i></b>  <b>Planning and implementation of the electrification of 109 localities by extension of the South Interconnected Electrical Network (construction of 41 km of MV lines, 128 km of LV lines, installation of 214 solar streetlights, 209 streetlights connected to the LV network and construction of 4000 LV connections in the four Councils: Baham, Bamendjou, Bangou and Batié - Hauts-Plateaux Department, Western Region of Cameroon).</b></p> <p><b><i>Activities :</i></b></p> <ul style="list-style-type: none"> <li>▪ Collection and analysis of topographic / cartographic, environmental, socio-economic and electricity demand data of the beneficiary localities (109 localities),</li> <li>▪ Definition and topographic surveys of MV transmission and distribution power line corridor,</li> <li>▪ Electrical and mechanical calculations of MV and LV distribution lines,</li> <li>▪ Application of directives of the General Technical Prescriptions Book of ENEO (February 2008 version) and the current International Standards,</li> <li>▪ Development of technical plans for MV and LV networks construction?</li> <li>▪ Preparation of bidding documents and assistance to contracting companies in accordance with the procedures of the European Union,</li> <li>▪ Validation of execution studies and technical plans of MV and LV networks by ENEO technical services,</li> </ul>

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
				<ul style="list-style-type: none"> <li>▪ Conducting jointly with ENEO, sessions to analyze the technical and financial offers of the bidder companies of the Bidding Documents,</li> <li>▪ Conducting jointly with ENEO, reception of all equipment of the project,</li> <li>▪ Conducting jointly with ENEO of temporary and definitive commissioning work of MV and LV distribution networks,</li> <li>▪ Conducting jointly and concertedly with ENEO, construction of 4000 LV connections in the four beneficiary Councils.</li> </ul>
2011	CAMEROON	Cameroon Rural Electrification Agency <i>Ref. Ahmadou BAMANGA</i> Contract Engineer E-mail : <a href="mailto:bamangah@yahoo.fr">bamangah@yahoo.fr</a>	Rural Electrification Engineer  <b>Financing by World Bank</b>	<p><i>Project Description:</i>  <b>Development by SFID (Société Forestière Industrielle de la Doumé) of a cogeneration project exploiting wood waste from the sawmill for electrification of surrounding localities.</b></p> <p><i>Activities :</i></p> <ul style="list-style-type: none"> <li>▪ On-site data collection and analysis (03 localities),</li> <li>▪ Topographic / cartographic, environmental and socio-economic evaluation of beneficiary localities,</li> <li>▪ Electricity demand studies,</li> <li>▪ Diagnosis of existing electrical distribution network,</li> <li>▪ Planning of the of surrounding localities electrification and development of short, medium and long-term electrification plan with corresponding investment plan,</li> <li>▪ Electricity Tariff study.</li> </ul>
2011-2013	CAMEROON	Cameroon Rural Electrification Agency <i>Ref. Ahmadou BAMANGA</i> Contract Engineer E-mail : <a href="mailto:bamangah@yahoo.fr">bamangah@yahoo.fr</a>	Rural Electrification Engineer  <b>Financing by European Union</b>	<p><i>Project Description:</i> « <b>ERD-RUMPI</b> »  <b>Planning, work execution studies, monitoring and control of construction of a 2.9 MW Small Hydroelectric Power plant on UVE River with MV/MV substation for the connection of MV networks and the hydroelectric power plant to the South interconnected grid, electrification of 26 localities by the construction of about 100 km of MV and LV lines. Installation of solar PV systems for electrification of community infrastructures (schools, health center, college) in 32 isolated localities within the scope of the project.</b></p> <p><i>Activities :</i></p> <ul style="list-style-type: none"> <li>▪ Work execution studies and follow-up the construction work of MV and LV electrical distribution lines,</li> <li>▪ Application of directives of the General Technical Prescriptions Book of ENEO (February 2008 version) and the current International Standards,</li> <li>▪ Work execution studies and follow-up the construction work of mini solar PV plants for electricity supply of community infrastructure (schools, health center, college) and 96 solar streetlights in 32 localities of RUMPI area (South-West Region of Cameroon),</li> <li>▪ Financial evaluation of electrification works,</li> </ul>

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
				<ul style="list-style-type: none"> <li>▪ Preparation of bidding documents and assistance to contracting companies according to the procedures of the European Union,</li> <li>▪ Monitoring and control of project works and activities and reception of equipment and electrical distribution works,</li> <li>▪ Training of beneficiaries on maintenance of solar PV power plants,</li> <li>▪ Participation in the development of the legal model for the management and operation of the project works carried out by the Electricity Sector Regulatory Agency (ARSEL) in accordance with the Electricity Law N ° 2011/022 Of 14 December 2011,</li> <li>▪ Participation in consultation meetings with AES SONEL (current ENEO) for the transfer of project works to the distribution concession.</li> </ul>
2010	CAMEROON	LeapAhead Consulting BP:11057, Yaounde, Cameroun <a href="mailto:rodrique@leapahead.cm">rodrique@leapahead.cm</a>	Solar PV Engineer	<p><u>Project Description:</u>  <b>Designing of solar PV installations and hybrid PV / Diesel power plants for electricity supply of households, industrial and commercial buildings.</b></p> <p><u>Activities :</u></p> <ul style="list-style-type: none"> <li>▪ Technical assistance and advice for implementation of solar PV projects,</li> <li>▪ Technical and financial Designing of solar PV systems for Households (500 Wp to 3 KWp),</li> <li>▪ Technical and financial Designing of hybrid PV / Diesel power plants for different companies (LANAVET-500KWp, NESTLE Cameroon-800KWp, Express Union-100KWp, OIL LYBIA Cameroon-100KWp).</li> </ul>
2009	CAMEROON	REB'S Cameroun, (ENEO Contractor). KANA Pierre General Manager E-mail : <a href="mailto:rebsentreprise@yahoo.fr">rebsentreprise@yahoo.fr</a>	Project Manager	<p><u>Project Description:</u></p> <ul style="list-style-type: none"> <li>▪ Work Execution studies and follow-up the construction of electrical works (MV line, MV/LV substation, transformer equipments H59 - 1000 KVA -30KV) and civil engineering for the power supply of SAFCA industrial plant.</li> <li>▪ Work Execution studies and follow-up the construction of electrical works (MV line, MV/LV substation, transformer equipment H59 - 630 KVA -30KV) and civil engineering for the power supply of COTCO PRS Station in Kribi.</li> <li>▪ Work Execution studies and construction of MV and LV lines, transformer substations type H61 and reconfiguration of LV distribution networks attached to MV/LV substations.</li> <li>▪ Work Execution studies and follow-up the construction of electrical works (MV line, MV/LV substation, transformer equipment H59 - 250 KVA -15KV) and civil engineering for the power supply of Bonaberi Municipality cercle in Douala.</li> <li>▪ Work Execution studies and follow-up the construction of electrical works (MV line, MV/LV substation, transformer equipment H61 - 100 KVA -15KV) and Manual switch</li> </ul>

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				<p>equipment for the power supply of Orange telecommunication site in Douala.</p> <ul style="list-style-type: none"> <li>▪ Work Execution studies and follow-up the construction of LV network in 3x50 mm2 cable (2.4Km), installation of 86 public lighting equipment and wiring and installation of 03 public lighting control boxes in the city of Bamenda.</li> </ul>
2004-2008	CAMEROON	MBETSA Sarl, (ENEO Contractor). <i>BIAKANG Jean,</i> <i>Technical Manager</i> <i>Tél. +237 682241286</i>	Technical Manager	<p><u>Project Description:</u>  <b>Construction and Maintenance of MV and LV distribution lines in Center Region of Cameroon.</b></p> <p><u>Activities :</u></p> <ul style="list-style-type: none"> <li>▪ Work Execution studies and Technical plant production with validation by ENEO technical services,</li> <li>▪ Construction &amp; Maintenance of MV and LV electricity distribution line and MV/LV substation ,</li> <li>▪ Substation Equipment by supply and installation of transformer type H59/H61, 25-1000 KVA-30KV/15KV,</li> <li>▪ Conducting works reception by the technical services of ENEO,</li> <li>▪ Testing and commissioning of works in collaboration with the technical departments of ENEO,</li> <li>▪ Application of directives of the General Technical Prescriptions Book of ENEO (February 2008 version) and the current International Standards.</li> </ul>

**Other relevant information (e.g., Publications)**

- Technical training on Small hydro power plant development, organized by UNIDO Cameroon, Yaounde-Cameroon (August & December 2017)
- Technical training on analysis and designing of infrastructures electricity (Generation, Transmission and Distribution) using ETAP® software, organized by ELDEMUZ Global Concepts Ltd, Port Harcourt-Nigeria (September 2016)
- Participation in Madagascar experience exchange mission on decentralized electricity generation projects using renewable energy, organized within the framework of Inves'Elec Project (2011-2015).
- Participation in the workshop: Low-cost electrification technologies by network extension (Novotel Hotel, Cotonou from 19 to 20 March 2014)
- Participation in the workshop: Mini-green networks - Opportunities for rural development in Africa (Novotel Hotel, Cotonou 21 March 2014)
- Participation in the International Conference on Rural Electrification (CIER 2008), held from 23 to 25 January 2008 in MARAKECH - Morocco

**Certification**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client.

Guy Oswald Demtare

Name of expert

Signature

28 April 2018

Date:

Name of authorised representative of the firm

Signature

28 April 2018

Date: