



Your Trusted Turnkey Energy and Agricultural Project Partner

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Your Trusted Turnkey Energy and Agricultural Project Partner

About ENERTEC MADA

ENERTEC MADA is a leading EPC (ENGINEERING; Procurement & Construction) company based in Madagascar; delivering comprehensive and integrated energy and infrastructure solutions.

We are committed to driving progress through reliable; sustainable; and innovative Project Development.

Established in November 2018; Enertec Mada brings unparalleled expertise and a commitment to delivering high quality energy solutions in Madagascar and AFRICA.

Building upon our foundation in infrastructure and energy; ENERTEC MADA is also actively involved in a range of AGRICULTURE activities, contributing to the sustainable development and food security of Madagascar.



Your Trusted Turnkey Energy and Agricultural Project Partner

Founder : Andre VENEZIANO

Driving Energy Transformation with Decades of Global Leadership



- **Proven International Project Leadership** : Demonstrated capabilities as *Resident Engineer; Owners Engineer; and Projects Manager* spearheading large scale EPC Hydropower; Solar; Wind and Geothermal Power Plant Projects from inception to operations and Maintenance across AFRICA and ASIA.
- **Key Projects & Impact** :
 1. 4800 MW MEDUPI Coal Fired Power Plant (South Africa);
 2. 200 MW MANANTALI Hydropower Project (Mali; Senegal & Mauritania);
 3. 1040 MW Upper Cisokan Pumped Storage Power Plant (Indonesia);
 4. 20MW Ambatolampy Solar Plant (Madagascar);
 5. 14MW Arsenal Solar Plant (Mauritius).
- **Significant Project Portfolio**: Successfully managed projects with a cumulative value exceeding \$15 Billion USD, underscoring a robust capacity for complex and high-value initiatives.
- **Visionary Founder** : Established Enertec Mada in November 2018; bringing unparalleled expertise and a steadfast commitment to deliver high-quality energy solutions in Madagascar and AFRICA.
- **Awards Received**: 2006 : ESKOM : Chairmans Award - In recognition of a contribution of exceptional value to ESKOM.
2009 : First Tech Group : Achiever of the Year Award - For Outstanding Work.

Our Expertise

1. Renewable Energy Solutions (EPC)

Solar ; Wind and Hydropower Plants

Comprehensive services encompassing Engineering Design; Construction; Testing; Commissioning; Operations and Maintenance.

2. Industrial Electrical Projects (EPC)

Expertise in Engineering design; Construction; Testing; Commissioning of plant and equipment within mines; factories; substations; and industrial plants

3. Transmission & Distribution Infrastructure (EPC)

Specialized in Engineering Design; Construction; Testing; Commissioning Maintenance and Repairs of Transmission & Distribution Overhead Lines.

4. Sustainable Rural Power Solutions Provider (for mini-grids)

As an Independent Power Producer and Distributor, we deliver reliable, renewable energy to rural communities and villages via innovative mini-grids, driving growth and a brighter future.

5. Electro-Mechanical Services

Installation; on-site maintenance; and repair of electrical motors and electro-mechanical equipment up to 30 MW.

6. Agriculture Solutions

Supplier of Tractors; trailers; farming machinery and equipment.

Execution of Agriculture Development Projects; including Water Drilling and the installation of complete Hydro and irrigation systems.



Featured Projects



Region SOFIA:

7 Installations
Off-Grid with BESS



Tamatave:

Motor Maintenance
(Ambatovy Mine)



Moramanga:

Installation
Hybride



Ile Maurice:

Installation On Grid
13,86 MW



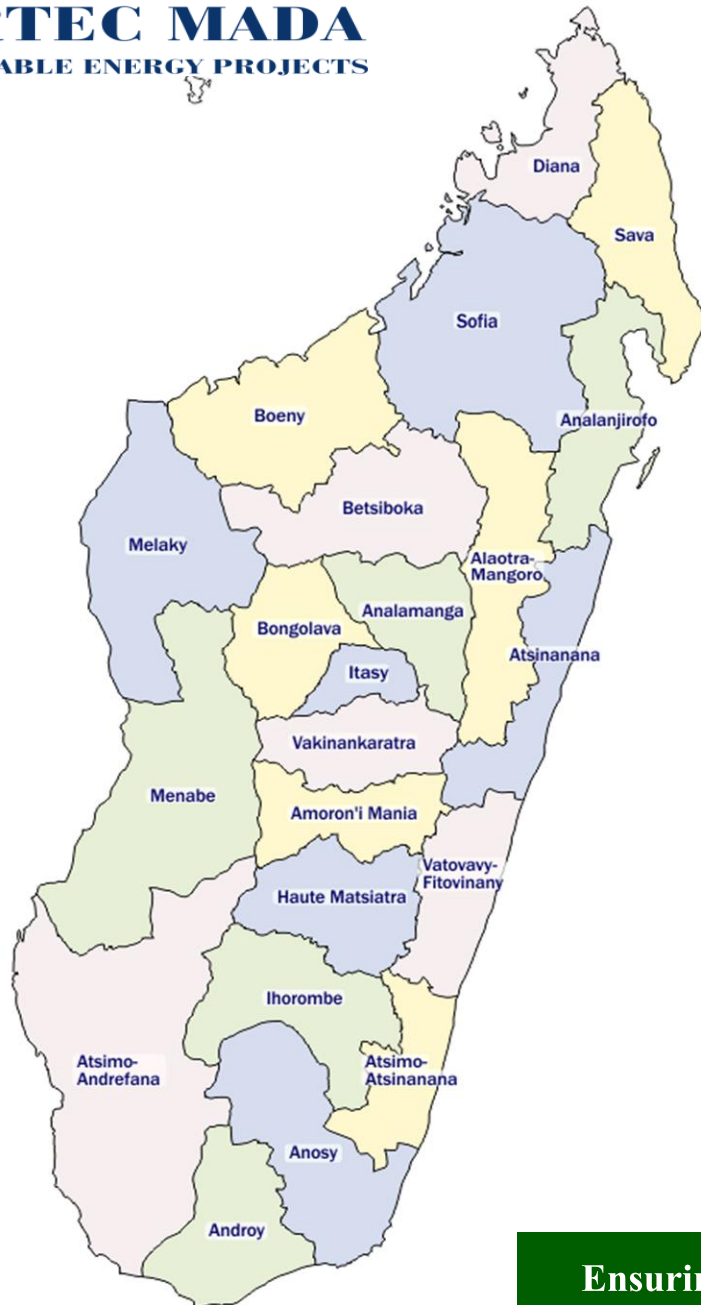
Ambatolampy:

Installation On-grid
20MW 20/63kV



Industrial Electrical and Mechanical PROJECTS

- **Nationwide Mechanical Services** : Providing extensive installation; repair and maintenance solutions for mines and industrial environments throughout Madagascar.
- **Tailored Maintenance Programs** : Offering ongoing maintenance services specifically designed to meet the unique operational needs of each client.



Ensuring Operational Efficiency and Minimizing Downtime

Our PROJECTS

Large-Scale Solar Power Plant Projects



Delivering a 13,86 MW Solar Power Plant in Arsenal; Mauritius

Project Highlights

- ✦ **Location:** Arsenal; Mauritius
- ✦ **Capacity :** 13.86 MW
- ✦ **Timeline:** Aug 2023 – Feb 2024
- ✦ **Comprehensive EPC Services Provided:**
 - Engineering Design Review
 - Electrical Equipment Installation
 - Partial Civil Works
 - Schneider 22KV Switchgear Assembly; Installation; Testing; and Commissioning.
 - Project DC; LV AC and MV Works
 - Plant Testing and Redlining of Engineering Design Drawings.



Contributing to Mauritius Clean Energy Transition

ARSENAL 13.86 MW SOLAR PROJECT - PHOTOS



Contributing to Mauritius Clean Energy Transition

Delivering Comprehensive Infrastructure for the Ambatolampy 20 MW Solar Power Plant



Project Highlights

- ★ **Location:** Ambatolampy; Madagascar
- ★ **Capacity :** 20 MW
- ★ **Timeline:** Aug 2022 – April 2023
- ★ **Comprehensive EPC Services Provided:**
 - Engineering Design Review
 - Civil Works
 - Assembly and installation of 22/63 KV Substation Apparatus and Equipment.
 - Electrical Equipment Installation
 - Project DC; LV AC and MV Works
 - 63 KV Overhead Line Works.
 - Plant Testing; Cold and Hot Commissioning.
 - Redlining of Engineering Design Drawings.

Ensuring seamless integration and operation of the solar power plant

AMBATOLAMPY 20 MW SOLAR PROJECT - PHOTOS



Our PROJECTS

Rooftop Solar Solutions

Autonomous and hybrid systems





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Project Highlights

Location: Sofia Region & Moramanga;
Madagascar

Projects : 8 x Rooftop & BESS Projects

Timeline: Sept 2024 – Dec 2024

Comprehensive Services Provided:

- Engineering Design Review.
- Assembly and installation of Rooftop Structures and Modules.
- Installation of all Electrical Equipment.
- Project DC; LV AC and Works
- Plant Testing; Cold and Hot Commissioning.
- Redlining of Engineering Design Drawings.

Rooftop Projects:

- ❑ CEG (School) Andranomanintsy + BESS: Off-Grid
- ❑ CEG (School) Antanambao Sahavoanina + BESS : Off-Grid
- ❑ CSBII (Hospital) Morafeno : Off-Grid (Hospital) + BESS
- ❑ EPP (School) Ambodiharahara : Off-Grid + BESS
- ❑ EPP (School) Andranomanintsy : Off-Grid + BESS
- ❑ EPP (School) Antanambao Sahavoanina : Off-Grid + BESS
- ❑ EPP (School) Morafeno : Off-Grid + BESS
- ❑ Mialy Moramanga-Jovena (Filling Station) : On-Grid



Tailored Off-Grid and On-Grid Systems : Powering a Sustainable Future, Today



Electro-Mechanical Maintenance & Repairs

AMBATOVY Mine Projects : Enhancing Operational Reliability



Project Highlights

Location: Ambatovy Mine; Madagascar

Timeline: 2019 – to Date

Scope:

- **On-site Maintenance and Repairs** of 25 x 6.6 KV to 11 KV Motors.
- **Capacity Enhancement :**
 - On-site Projects completed up to 8050 KW
 - On-site Capacity : up to 25 MW

Optimizing Power; Maximizing Output

Powering our Partners Through Reliable Motor Services



Our Core Values

Uncompromising Quality: We adhere to the most stringent quality assurance protocols to deliver superior workmanship and ensure full compliance with international standards.

Client-Centric Solutions: We are dedicated to understanding our clients' unique needs and providing tailored, high value product and services. Our comprehensive warranties demonstrate our commitment to the long-term success of their investments.

Sustainable Growth: We drive economic progress by championing innovation; fostering the development of skilled talent; and creating meaningful employment opportunities.

Environmental Stewardship: We are committed to conducting our business in an environmentally responsible manner; promoting the prosperity of our communities; and delivering solutions that contribute to a sustainable future.

Our Strenghts

Core Competencies:

- ❑ **Proven Technical Expertise** : We posses deep industry knowledge and a track record of successful project delivery in Madagascar and accross Africa.
- ❑ **Project Management Excellence** : We are committed to on-time delivery; ensuring projects are completed efficiently and within budget.
- ❑ **Quality and Compliance** : We adhere to rigorous quality control standards and utilize certified material supply chains.
- ❑ **Tailored Solutions** : We provide customized solutions designed to meet the specific needs and challenges of each client and project.

Our Team:

- ❑ **Skilled Workforce** : We have a dedicated team of project managers; design engineers; supervisors; technicians and artisans with specialized expertise.
- ❑ **Highly Qualified Professionals** : Our team comprises certified registered engineers.
- ❑ **Extensive Experience** : Our team boasts years of proven expertise; ensuring succesfull project delivery.

Commitment to Safety and Professional Development :

- ❑ **Comprehenisve Training** : We invest in our people through ongoing training programs; including photovoltaics; ATEX; Electrical Authorization; Working at Height; hot work and permitting; and First-aid.

Our Commitment to Safety and Security



Core Value : Safety and security are fundamental to our organizational culture.

Proactive Approach : Through continuous monitoring and comprehensive training programs; we cultivate a work environment where every employee is actively engaged in risk prevention.

Proven Results : This commitment translates to a significant reduction in workplace accidents; demonstrating our dedication to protecting our most valuable asset : Our people.



Our People; Our Priority : Empowering a Culture of Safety and Security

Our Valued Partners

ENERTEC MADA collaborates with industry-leading partners to deliver comprehensive and innovative energy solutions across Madagascar and Africa. Our strategic alliances enables us to leverage cutting-edge technologies; enhance project capabilities; and ensure the highest standards of quality and reliability.



Rousant International Limited : Specializes in the supply of electrical transmission and distribution equipment and components.



ACTOM (Pty) Ltd : A leading manufacturer; solution provider; repairer; and distributor of electro-mechanical equipment in Africa.



Sieyuan : Specializes in R&D of electric power technology; equipment manufacturing; and engineering services



Toshiba: A global technology leader providing diverse energy solutions.

Powering Progress Through Collaboration

Powering Your Vision; Delivering Sustainable Solutions



Thank you for considering ENERTEC MADA as your partner in Energy Solutions. We are committed to collaborating with you to develop and implement innovative and sustainable projects that drive progress and create lasting value.

Contact us to discuss your specific needs and discover how we can work together to achieve your energy goals.

Contact Us



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Antananarivo; Madagascar

