

FOUED ALI

Senior Energy Engineer | Strategic Planning & Project Management

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18+ years of expertise in energy systems, infrastructure, and sustainable development



CONTACT

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EDUCATION

M.Eng. – Energy Engineering
ENIM, Monastir (2007)

Preparatory Classes

Math-Physics
IPEIT, Tunis (2003)

CERTIFICATIONS & MOOCS

- ▶ Data Science for Climate – Luleå Univ. (2025)
- ▶ Project Management – UC Berkeley, Haas (2023)
- ▶ Complex Systems Analysis – Univ. of Bergen (2023)
- ▶ Natural Resource Management – Univ. of Bergen (2023)

PROFESSIONAL PROFILE

Senior Energy Engineer with over 18 years of experience in energy planning, systems modeling, public infrastructure project management, and energy efficiency. Expert in system dynamics, energy transition, and multi-stakeholder strategic projects — with a proven ability to transform complex technical data into operational decisions and public policies. Extensive track record across the hospital, energy, and international cooperation sectors.

PROFESSIONAL EXPERIENCE

Co-Founder

Technical Director & Program Manager

OXERGY – Consulting | EPC | O&M (Energy & Hydraulics) | Dec 2025 – Present

- Managing the technical directorate and overseeing operations.
- Developing and monitoring projects across Africa.
- Establishing organizational, administrative, and operational structures.
- Business development and strategic advisory.
- Technical expertise and project/portfolio management.
- Overseeing costing, bidding, cost estimation, and tender response preparation.
- Supporting applications for technical and administrative certifications.

Chief Engineer / Technical Inspector

CETEMBH – National Center for Biomedical & Hospital Technical Studies and Maintenance | 2024 – Nov 2025 | 2009 – 2012

- Conducting technical inspections and audits in hospital facilities.
- Developing technical studies in hospital infrastructure and energy efficiency.
- Member of the National Cold Chain & Solar Committee, WHO-funded 'Optimize' project (2011).
- Producing strategic systemic studies.

Technical Projects Manager

Institut Pasteur de Tunis (IPT) – ISO 9001 Certified | 2020 – 2024

- Led the Energy & Water committee per ISO 50001: audits and environmental performance strategy.

- ▶ Group Model Building – Univ. of Bergen (2023)
- ▶ Public Health Complex Systems – Johns Hopkins (2024)
- ▶ Leadership & Management – Univ. of Washington
- ▶ Energy Audit & IPMVP – Schneider Electric (2024–25)
- ▶ ISO 50001 / ISO 14001 – ALISON (2024)

LANGUAGES

Arabic – Native

French – Fluent (C2)

English – Professional (C1)

SOFTWARE & TOOLS

- ▶ MS Office Suite & MS Project
- ▶ Google Workspace & AI Studio
- ▶ Stella Architect (System Dynamics)
- ▶ Netlogo, Orange
- ▶ LucidChart, Canva

KEY COMPETENCIES

- ▶ Strategic Planning & Systems Studies
- ▶ Complex Project Management
- ▶ Public Procurement & Tendering
- ▶ Energy Auditing (industrial/tertiary)
- ▶ Performance & Maintenance Management
- ▶ Public Policy & Sustainability
- ▶ Institutional & Cross-sector Coordination

- Project manager for Industry 4.0 digitalization (MES, batch dossier digitalization) in a pharmaceutical production unit – Novation City / GIZ / UNIDO partnership (€500K).
- Technical coordinator of the BSL3 laboratory between Fondation Mérieux and IPT: HVAC, autoclaves, disinfection, ISO 14644 qualification, BMS.
- Managed maintenance projects and quality control (GMP, SAT/FAT, QC/QI/QO/QP).

Project Manager / Chief Engineer

ANME – National Agency for Energy Management | 2018 – 2019

- Piloted the urban district heating and cooling network project funded by FASEP (€700K).
- Managed the utility pooling program in industrial zones in collaboration with AFI.

Senior Technical Expert / Advisor

GIZ – German Development Cooperation (Building Sector) | 2017 – 2018

- Supported implementation of the NAMA Facility program for energy efficiency (€16M) – PROSOL SOCIAL project.

Independent Consultant – Multi-Client Portfolio

MEDIATEL | ASSELEC Engineering | LMS Consulting | 2014 – 2022

MEDIATEL – EPC Projects (Feb 2014 – Dec 2022)

- Detail E&I engineering and site supervision for the Bizerte Wind Farm (225 MW, 4M TND), 2014–2018.
- Lukoil, West Qorna 2 – Basra, Iraq (USD 3M): electrical works engineering incl. panels, converters, and energy storage systems, 2018–2021.
- FIA Project – Congo-Brazzaville (USD 9M): design and supervision of electrical substation for a combined fiber-optic network and data center, 2020–2022.
- Nawara Project & South Tunisia Gas Project: engineering and supervision missions.
- Recognized by MEDIATEL CTO for outstanding professional and interpersonal conduct across all missions.

ASSELEC Engineering – Energy Auditing (2015 – 2017)

- Conducted full energy audits covering thermal, refrigeration, HVAC, and compressed air systems.
- Industrial sites: INTERMETAL, TUNICAST, ELEKTRON, CJO Cement Plant (Jbel Ouest), SOMOCER.
- Tertiary sites: 20 AZIZA commercial spaces and Nabeul Municipality headquarters.

LMS Consulting – HVAC & Fluid Engineering (2015 – 2017)

- MTK – Manufacture des Tabacs, Kairouan: compressed air network optimization study (950K TND).
- Sidi Sahbi Fountain development project, Kairouan (250K TND).
- Bargou Water Bottling Plant: fluid systems engineering (800K TND).
- Solar Panel Manufacturing Plant, Kairouan: MEP/fluid engineering (600K TND).

- Okba Clinic construction project, Kairouan – fluid/HVAC works (2,250K TND).

Head of Maintenance Department / Principal Engineer

Institut Hédi Raïs d'Ophtalmologie – Ministry of Health | 2012 – 2017

- Technical project management, maintenance, and techno-economic feasibility studies.
- Needs assessment and supervision of engineering teams.

Junior Technical Expert

MEDREC – Mediterranean Renewable Energy Center (Tunisian-Italian Cooperation) | 2008

- Contributed to renewable energy programs and technical studies under Tunisian-Italian bilateral cooperation.