



## ENGINEERING, STUDY, AUDIT & TRAINING

*ENERGY is our know-how*



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## EDITORIAL

The control of technical, environmental, and human risks related to electrical installations evolves in proportion to the associated technical and regulatory changes.

These changes are adapted to the different activities of the establishment (project owners, clients, operators, owners, installers, etc.) and concern all operations applicable to the installations, from the construction phase to the inspection, verification, maintenance and upkeep of the installations.

Capella Engineering offers you a whole range of services adapted to your expectations in the field: Engineering, Study, Explosion risk management-ATEX, Energy quality audit, ISO 50001 certification support, Instrumentation & Automation, Technical assistance.

## MISSION, VALUES & VISION



### MISSION:

To be considered by our customers as the official partner for our fields of application.

We are committed to offer products of the highest quality and an irreproachable service in compliance with the standards and regulations in force.



### VALUES :

Good faith, honesty and fairness.

Respect of contracts, confidentiality of business and personal data.

Respect for health and safety rules at work.



### VISION :

To become the leader in our business and play a major role in all market segments in Morocco in particular and in Africa in general.

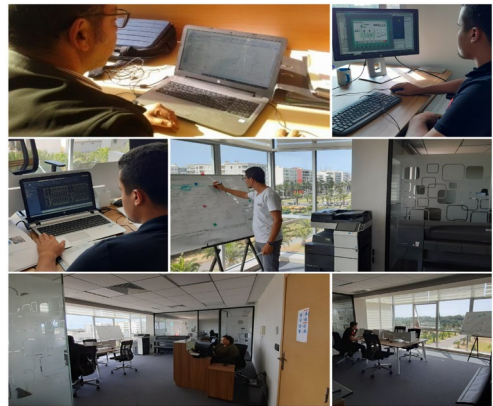
## OUR OFFRE

**Capella Engineering** accompanies you in the implementation and follow-up of your electrical, instrumentation and automatism installations by gathering the necessary technical and administrative skills, whatever the sector of activity.

### ENGINEERING & STUDIES

Our offer in study includes in a general way:

- Preliminary project study
- Preparation of calculation notes
- Elaboration of plans and guide diagrams
- Drawing up specifications
- Technical Specifications of Equipment
- Business consultation file
- On-site assistance for tests and measurements
- Technical documentation



### CONTROL OF THE RISK OF EXPLOSION - ATEX

Relying on its technical and regulatory expertise, Capella Engineering proposes you an offer covering all your regulatory obligations.



- Definition of ATEX risk zones and zoning optimization
- Audit of the adequacy of electrical and non-electrical equipment to the established zoning
- Drafting of the Document Relating to Explosion Protection (DRPE: part of the single risk assessment document)
- Training of personnel working in Z- ATEX, training in explosion risk control
- Advice and assistance to the head of establishment in defining technical and organizational measures to reduce ATEX risks.
- Capella Engineering has set up an approach adapted to each sector of activity (petrochemicals, automotive industry, pharmaceutical industry, mass distribution, real estate ...) and to each level of risk.
- Technical assistance in equipment design



## ENERGY QUALITY AUDIT / ENERGY SAVING

### WHY

Make your electrical network your performance asset ...

Would you like to have an analysis of the behavior of your network to improve its energy performance? Are you faced with a specific problem requiring a dedicated response? Entrust to Capella Engineering the audit of your network: **concrete solutions guaranteed for an optimal efficiency!**

### HOW

In addition to a detailed analysis of your electricity bills, the "Power Quality" audit highlights network faults, sizes the reactive energy compensation and guides you in the choice of optimized energy supply solutions.



To offer you the best optimization solutions, voltages and currents, voltage and current harmonics, apparent power, active and reactive power, phase shifts, voltage dips and surges as well as the associated waveforms are systematically recorded. **Capella Engineering** offers you 2 possibilities in order to guarantee its good installation: a remote assistance thanks to the visualization of the data via GSM, the intervention of a technician (if you wish it or if for example your installation is of High Voltage type).

## TAKE ACTION...



## ACCOMPANIMENT TO ISO 50001 CERTIFICATION

According to your needs and your degree of progress, **Capella Engineering** accompanies you in a concrete and specific way in all the stages of the implementation of your Energy Management System up to the ISO 50001 certification.



The different areas of support:

- Full implementation of the Energy Management System: EMS
- Construction of EMS-related dashboards and energy performance indicators
- Data Analysis - Suggestions for Improvement
- Animation of the teams around the EMS
- Planning of EMS-related elements
- Drafting of documents constituting the EMS (procedures, manual, records)
- Development of the annual training plan in connection with the EMS
- Definition of the roles and responsibilities of the actors Energy - Staff training
- Communication and information about Energy



## INSTRUMENTATION & AUTOMATION

Our skills:

- PLC, SCADA and DCS systems engineering
- Migration and integration of subsystems
- Functional analysis
- Training and skills development
- Maintenance and calibration
- Instrumentation
- Security systems
- Test & Measurement Products

## TECHNICAL SUPPORT

Capella Engineering accompanies and puts at the disposal of its customers all its know-how for the choice and definition of the types of products and this in the different phases from the preliminary project to the reception of the material.

At the request of our customers Capella Engineering can take charge of the realization of the specifications and technical specifications of equipment, our support can extend to the reception and installation of the product.

## THEY TRUSTED US

