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 MAMWE (Comoros)  
 EDG (Guinea)  
 AER (Cameroon)  
 CNR (France)  
 CLUB-ER

These training sessions can take place either at IED's head office in France, or using our subsidiaries' logistics in Africa and Asia, or directly on site. Please contact us for more information regarding our training program or to schedule personalized sessions.



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WE WORK WITH A DIVERSIFIED CUSTOMER BASE; WE OFFER TRAINING THAT CLOSELY MEETS OUR CLIENTS' NEEDS...

# TRAINING PROGRAMME



## OUR VISION

- A SCALABLE OFFERING**
  - Our courses are regularly updated based on participants' feedback and observations
- CUSTOMIZED TEACHING METHODS**
  - Our training programme is adapted to the trainees' level.
- A NETWORK OF EXPERIENCED INSTRUCTORS**
  - Our instructors are experts in their respective areas and have excellent technical and teaching skills. They have extensive expertise in the practices and realities of the participants' native countries.
- TRAINING CERTIFICATE**
  - Participants receive a course certificate as evidence of their actual participation in a training session.

## COURSES

### ELECTRICITY SECTOR AND RENEWABLE ENERGIES

As a historical partner to institutions and funders involved in the energy sector for over 25 years, IED has developed unique expertise and know-how in areas linked to rural electrification and renewable energy development.

Hence, IED offers training and skill reinforcement courses, either integrated in projects or independently organized, targeting the various sector players: Ministries in charge of energy, rural electrification agencies, national utility companies, research departments, engineering schools, independent consultants, electrical system operators

With a design based on stakeholders' concrete experiences, the courses offered by IED are comprehensive and progressive and provide participants with full autonomy in the targeted themes.

Courses are offered at the IED Lyon / Francheville office or at our subsidiaries (Cameroon, Burkina Faso, Cambodia) as well as at your facility.



## Flexible and customized training sessions that meet the Company's needs

Training, a needed initiative ?

### OUR PEDAGOGY

We highly value experience sharing and practical exercises (simulation exercises and case studies).

### OUR COMMITMENT

- ◆ A **partner approach** based on the will to build long-term productive collaboration .
- ◆ A **customer-oriented approach** that translates into an effort to address true challenges and real issues.
- ◆ An **ethical attitude** placing each participant as player at the heart of the session.
- ◆ A **sustainable dimension** revealing clear objectives and a result-oriented culture in the acquisition of knowledge.

### OUR STRENGTHS

Our teams of instructors are composed of consultants/engineers from the professional world, who focus on the operational transfer of skills acquired in the classroom as well as in the field. We are driven by a culture of customization and focus our attention on your issues as a priority.

Our courses are supported by internally developed software (Geosim®, Giselec®, Demand Analyst®) and reference tools recognized in the area of energy (Homer, Retscreen) and intensively used as part of IED's engineering/consulting activities.



### CUSTOMIZED SOLUTIONS

Any training course can be customized to meet the participants' express needs.



### TRAINING MATERIAL

The training material we use is provided to participants in electronic format at the end of the training session (excluding licensed software).



### ADDED VALUE

A unique experience with organizations and institutions active in the energy sector, with field practice, and in particular, a close look at the world of electrification in numerous situations and countries.

# TRAINING

## sessions :

Code	Training	Duration
SIG01	Geographic Information System (GIS) and village level mapping	5 days
GEO10	Geospatial rural electrification planning	10 days
DEM01	Rural Electricity load forecasting	3 days
RES01	Distribution network electrical studies	5 days
RES02	Distribution network mechanical studies	5 days
SOL01	Sizing Hybrid PV/Diesel power plants	4 days
HYD01	Mini-hydro power plant pre-feasibility studies (MHPP)	3 days
ECO01	Economic and financial analysis of decentralized rural electrification projects	3 days
BIO01	Pre-feasibility studies of energy production projects based on biomass resources	3 days



### REGISTRATION STEPS

- ◆ Please contact IED and describe your request
- ◆ We will send you a proposal
- ◆ We will send you a registration confirmation upon payment of the appropriate amount
- ◆ We can help with the choice of accommodations
- ◆ You should finalize your visa procedures and inform us of your flight schedule

## Group training

CUSTOMIZABLE TRAINING MODULES MATCHING SPECIFIC NEEDS

This is the most economically sound approach if you wish to enter a team into a common skill development program; group training also has many extra advantages :

- ◆ It makes it possible to integrate the specificities of the participants' professional environment
- ◆ A training programme customizable to the needs of your structure
- ◆ Fosters the implementation of shared methods and reinforces a collaborative attitude
- ◆ Allows for great flexibility in the choices of duration, dates, and training locations
- ◆ Allows for exchanges between institutions and countries

## OBJECTIVES

Highlight and development of knowledge and know-how, assistance in project steering, application of acquired skills: such are the values that drive us throughout our training courses.

