



TRAINING OBJECTIVES

This course covers all functionalities of the Demand Analyst© and Survey Analyst© software programs. Demand Analyst© makes it possible to forecast the demand for disaggregated electricity in rural electrification contexts, at the village level or over a delimited area. This training will teach you how to use the tool and establish characteristic ratios and parameters. The input data for Demand Analyst© are obtained through field surveys. The Survey Analyst tool serves to gather this data and process the survey results.

DURATION

5 days

SOFTWARES USED

Survey Analyst©, Demand Analyst©

PUBLICS

Ministries in charge of Energy
Rural Electrification Agencies
National electricity companies
Engineering firms
Engineering schools
Independent consultants

TRAINERS

The training programmes offered by IED draw on the actual experiences of the instructors. They combine theory and practice.

CONTACT AND INFORMATION

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TRAINING CONTENT

1/ Field survey campaigns for demand analysis and forecasting (Survey Analyst©)

- Presentation of the survey methodology
- Presentation of the statistical analysis of survey results
- Practical session: cleaning, analysing and using a survey results file

2/ Electricity demand forecasting (Demand Analyst©)

- Presentation of the tool and demonstration
- Practical session: inputting a set of data obtained through surveys
- Practical session: analysing the demand of a group of villages

3/ Further exploration of the topic - model sensitivity

- Modelling the mismatch factor
- Incorporating industrial activities into the model