

IDENTIFICATION, PREPARATION AND FEASIBILITY OF AN ENERGY PROJECT

Dates and duration to be agreed

Location to be agreed

Contact us for a customised quote



OBJECTIVES

- Master the various phases of the design of an energy project: identification, preliminary studies and feasibility study.
- Be in a position to understand and analyse the environmental and social impacts (ESI) of energy projects.
- Master the energy project funding mechanisms.

THE + OF YOUR TRAINING

- Skills based approach Interactive teaching

CONCERNED AUDIENCE

- Public service executives in charge of energy projects (mining, energy).
- Managers of state structures in charge of energy issues. People responsible for energy programmes in Project Management Units (donors).
- Executives from firms in the sector.

GOOD TO KNOW

Example of a 5 days programme



PEDAGOGICAL PROGRAMME

Module 1

Identification and preliminary study of an energy project

- National and regional energy master plan, and selection of projects.
- Economic, financial, technical and legal criteria for selecting projects.
- Prefeasibility study:
 - selection;
 - funding sources;
 - preparation of terms of reference;
 - recruitment of consultants;
 - monitoring.
- Environmental and social assessment (ESA) and choices resulting therefrom.



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Module 2

Conducting a feasibility study

- Definition and sizing of the feasibility study of an energy project.
- Technical studies, choice of technical solutions.
- Bankability of energy projects.
- Specific features of regional projects.
- Special characteristics of the main donors.
- Project structuring.



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Module 3

Environmental and social impact assessment (ESIA)

- National and international requirements of sustainable development.
- Phases of the assessment: preliminary scoping, impact assessment methods and tools.
- Estimate of the project's environmental and social management costs.
- Stakeholder consultation plans.
- Management of an impact study.



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Module 4

Project financing and structuring

- Overview of the main funding sources of energy projects.
- Practices and requirements of the main donors.
- Structuring public and PPP projects for operation.
- Legal characteristics of the various models.
- Legal documents and acts to be prepared.
- Project planning until commissioning.



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Prerequisites : Have held or currently hold a position related to the training theme