

OVERALL OBJECTIVE

To provide participants with tools and approaches for the development of an Energy Policy and operational implementation strategies. The Certification also integrates environmental challenges and constraints linked to the strategic choices made in terms of national energy policies as well as other national development strategic priorities and orientations.

TRAINING OBJECTIVES

At the end of this certification, the participant will be able to:



- Understand the complexity of priority policy changes for the energy development of the developing countries, and masters the implementation process of the whole body of energy policy in the light of the global and local environmental issues;
- Conduct a participatory diagnostic of the energy sector and understand the complexity of policy choices in terms of the development of this sector considering global and local environmental issues and other related development issues;
- Review the organization of the energy sector, the roles and responsibilities of various actors considering various energy systems and sources to foster the access to energy sources and sustainable development;
- Identify and lead implementation strategies using operational planning and results-based budgeting techniques.
- Fully consider the structure, the organization and the running process of energy systems as well as make a proper use of key information through a better grasp of energy statistics interpretations, units and methodology;
- Set up at country level, a country-wide vision along with the associated objectives, both serving as a means towards the integration of country-wide increase of access to energy services and a sustainable development;
- Clarify and deal with strategies for implementation i.e. coping with energy investment programs in the context of RBM implementation process (i.e. operational planning, medium-term budgeting ...).

CONTENT

Week 1: Integration of Energy Issues and Environmental Concerns and Strategic Planning of the Energy Sector

- Basics of Results-Based Management (RBM);
- Diagnostic and analysis of the energy sector, energy policies, strategies and programs;
- Major energy policy options and their environmental outcomes;
- Insertion and consistency of energy policies with national development strategies and other related sectoral strategies;
- Designing and Energy Policy;
- Strategic planning process: from vision till priority programs and estimated budget;
- Major strategic planning tools;
- Developing a strategic plan for the energy sector.

Week 2: Organization of the Energy sector and Program Architecture

- Review on technical characteristics of the energy sector and its major sub-sectors in a typical developing country: energy chain, energy systems, specificities of various forms of energy;
- Review on institutional characteristics of the energy sector and its major sub-sectors in a typical developing country: energy markets, operators, and regulatory framework;
- Operational planning and program architecture: articulating programs and projects.

Week 3: Public Investment Program and Results-Based Budget for the Energy Sector

- Basics of Results-Based budgeting;
- Costing methods;
- Applications to various kinds of energy public investments;
- *Ex ante* evaluation and prioritization of energy public investments, including financial, economic, social, and environmental criteria;
- Financing mechanisms in the energy sector: Carbon Fund, market-oriented mechanisms, etc.

