



Institute for Capacity Development (ICD)

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Planning, Monitoring & Evaluation of Energy Projects

Course Objectives

On completion of the course, participants should be able to:

- Improve efficiency in energy production and consumption;
- Develop sustainable energy strategies.
- Facilitate the development of geothermal energy resources
- Support public and private investments in energy sources.
- Equip participants with modern energy project approaches and project management techniques
- Provide tools for energy project control and evaluation

Target Groups

- Project Officers
- Investment Officers
- Energy engineers, analysts, managers and auditors
- Development planners
- Regulatory Authorities
- Economists and Utility Officers
- Finance Managers

Course Outline

- General Management Principles And Skills
- Energy Sector Policy and Strategy
- Strategic Management of The Energy Sector
- Structure and Organization of the Energy Sector
- Analysis of Primary Energies
- Analysis of The Existing Generation System
- Analysis of the Existing Energy Supply
- Energy Planning and Demand Forecasting
- Industrial Organization In the Energy Sector
- The Project Management Process
- Defining The Project Scope
- Work Breakdown Structure
- Resource Planning/Scheduling
- Developing The Project Charter
- Cost Estimating
- Project Control
- Project Execution Planning
- Risk Analysis

- Financing Energy Projects
- Project stakeholder analysis
- Target group analysis – Participatory Rapid Appraisal (PRA)
- Tools for project Implementation
- Tools for communication management
- Tools for Human Resources Management
- Project evaluation techniques
- Designing a Monitoring System
- Selecting an Evaluation Design
- Preparing for Evaluations
- Selecting Indicators
- Writing project reports and proposals
- Documentation and Report Presentation Skills
- Tools for project closure
- Managing Project success and failure factors
- Action Planning

Dates: 03rd – 14th May 2021

Duration: 2 Weeks

Course Costs: US\$3150

Venue: Harare, Zimbabwe