



*Training Course:
Sustainable & Renewable Energy*

*5 - 9 August 2024
Kigali (Rwanda)*

Training Course: Sustainable & Renewable Energy

Training Course code: EW234963 From: 5 - 9 August 2024 Venue: Kigali (Rwanda) - Training Course Fees: 7140 € Euro

Introduction

The sustainable and renewable energy training program is designed to provide participants with a comprehensive understanding of sustainable and renewable energy technologies, policies, and practices. This training program is intended for professionals who are interested in pursuing a career in the renewable energy industry, policymakers who want to learn more about the policies and regulations that impact the renewable energy industry, and individuals who are interested in sustainable and renewable energy as a personal interest or career development.

Objectives:

By the end of this training program, participants will be able to:

- Understand the basic principles of sustainable and renewable energy technologies and their applications.
- Identify the major renewable energy resources and their potential uses.
- Evaluate the economic and environmental benefits of renewable energy technologies.
- Analyze the policies and regulations that impact the renewable energy industry.
- Develop strategies for implementing sustainable and renewable energy technologies.

Target Audience:

This training program is designed for professionals who are interested in pursuing a career in the renewable energy industry, policymakers who want to learn more about the policies and regulations that impact the renewable energy industry, and individuals who are interested in sustainable and renewable energy as a personal interest or career development. The target audience includes:

- Engineers, architects, and scientists interested in renewable energy technologies.
- Policymakers and regulators interested in the policies and regulations that impact the renewable energy industry.

- Energy managers and consultants interested in developing sustainable and renewable energy strategies.
- Environmentalists, educators, and individuals interested in sustainable and renewable energy as a personal interest or career development.

Outlines:

Day 1:

Introduction to Sustainable and Renewable Energy

- Introduction to sustainable and renewable energy
- The importance of sustainable and renewable energy
- Types of renewable energy technologies
- Renewable energy potential and resources
- Economic and environmental benefits of renewable energy technologies

Day 2:

Solar Energy

- Introduction to solar energy
- Types of solar technologies
- Photovoltaic systems
- Concentrated solar power systems
- Applications of solar energy
- Economic and environmental benefits of solar energy

Day 3:

Wind Energy

- Introduction to wind energy
- Types of wind turbines
- Wind turbine technology and components
- Applications of wind energy
- Economic and environmental benefits of wind energy

Day 4:

Hydro Energy and Other Renewable Energy Sources

- Introduction to hydro energy
- Types of hydroelectric power plants
- Tidal and wave energy technologies
- Geothermal energy technologies
- Biomass and bioenergy technologies
- Applications of hydro energy and other renewable energy sources
- Economic and environmental benefits of hydro energy and other renewable energy sources

Day 5:

Policies and Strategies for Sustainable and Renewable Energy

- Policies and regulations impacting the renewable energy industry
- Developing sustainable and renewable energy strategies
- Funding and financing options for renewable energy projects
- Sustainable and renewable energy case studies



- Career opportunities in the renewable energy industry

Registration form on the Training Course: Sustainable & Renewable Energy

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