International Renewable Energy Policies Training Course

Professional Development Training Course Outline

Category	Renewable Energy	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

International Renewable Energy Policies Training Course provides a strategic and practical understanding of how governments, regulators, development institutions, and energy-sector stakeholders design and implement policies that accelerate the global energy transition. With renewable power capacity reaching 5,149 GW at the end of 2025, including a record 692 GW addition during the year, renewable energy policy is increasingly central to energy security, climate action, economic competitiveness, and sustainable development. The course examines international policy frameworks covering solar PV, wind power, hydropower, geothermal, bioenergy, renewable hydrogen, energy storage, grid modernization, energy efficiency, electrification, and clean-energy investment. It also explores the implementation challenge behind the COP28 objective of tripling global renewable capacity by 2030 and strengthening national climate commitments.

Participants will develop the analytical capabilities required to evaluate renewable energy legislation, regulatory frameworks, market mechanisms, incentives, auctions, feed-in tariffs, renewable portfolio standards, power-purchase agreements, carbon policies, NDCs, green finance, and just-transition strategies. Particular emphasis is placed on translating international best practices into country-specific policy solutions while considering affordability, reliability, energy access, investment mobilization, social inclusion, and geopolitical resilience. Current policy thinking increasingly connects renewables with energy security, storage, flexible power systems, green hydrogen, industrial decarbonization, and resilient infrastructure, while emerging policy issues such as solar-panel circularity and end-of-life management are also becoming increasingly important.

Programme Curriculum

International Renewable Energy Policies Training Course

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Course Objectives

By the end of the course, participants will be able to:

1. Evaluate international renewable energy policies and their contribution to the global energy transition.
2. Analyze national legislation, regulations, targets, and NDCs supporting renewable-energy deployment.
3. Compare international policy instruments including feed-in tariffs, auctions, tax incentives, and renewable portfolio standards.
4. Assess policy frameworks for solar, wind, hydropower, geothermal, and bioenergy development.
5. Develop strategies for achieving net-zero emissions and long-term decarbonization targets.
6. Examine renewable-energy investment, financing, and risk-mitigation mechanisms.
7. Evaluate power-market reform, grid modernization, energy storage, and system flexibility policies.
8. Analyze emerging policies for green hydrogen and industrial decarbonization.
9. Design policy approaches supporting energy access, affordability, and a just energy transition.
10. Assess the role of renewable energy in strengthening energy security and climate resilience.
11. Apply international best practices to national and regional renewable-energy strategies.
12. Identify regulatory barriers and develop evidence-based policy recommendations.
13. Formulate practical implementation roadmaps aligned with SDGs, Paris Agreement objectives, and 2030 renewable-energy ambitions.

Target Audience

1. Energy policymakers and government officials
2. Renewable-energy regulators and public-sector professionals
3. Energy planners and electricity-market specialists
4. Climate-change and sustainability professionals

5. Utility executives and power-sector managers
6. Renewable-energy investors, financiers, and development partners
7. Consultants, researchers, and academics
8. NGOs and international development organizations working on energy transition

Course Modules

Module 1: Global Renewable Energy Policy Landscape

- Evolution of **international renewable-energy governance** and policy frameworks
- Paris Agreement, **SDGs**, COP commitments, and global energy-transition objectives
- International renewable-energy targets and policy trends
- Role of **IRENA, IEA, UNFCCC**, development banks, and regional institutions
- **Case Study:** Global progress toward the **COP28 tripling renewable-capacity target** and the policy gap identified across national commitments.

Module 2: Renewable Energy Legislation, Regulation & Governance

- Designing effective **renewable-energy laws and regulatory institutions**
- Licensing, permitting, land-use, environmental, and grid-access frameworks
- Regulatory certainty and investor confidence
- Policy coordination between national and subnational governments
- **Case Study:** Comparative assessment of **European renewable-energy regulation** and policy mechanisms for accelerating deployment

Module 3: Renewable Energy Targets, NDCs & Net-Zero Strategies

- Designing credible **renewable-energy targets**
- Integrating renewables into **Nationally Determined Contributions**
- Net-zero pathways and long-term decarbonization strategies
- Monitoring, reporting, verification, and policy accountability
- **Case Study:** IEA analysis of national ambitions versus the global objective of reaching approximately **11,000 GW of renewable capacity by 2030**.

Module 4: Renewable Energy Incentives & Market Mechanisms

- **Feed-in tariffs, auctions, contracts for difference, and tax incentives**
- Renewable portfolio standards and clean-energy standards
- Competitive procurement and price discovery
- Power-purchase agreements and bankability
- **Case Study:** Competitive renewable-energy auctions and their role in reducing procurement costs while attracting private investment

Module 5: Renewable Energy Finance, Investment & Green Economy

- **Green finance, climate finance, blended finance, and sustainable investment**
- Public-private partnerships and development-finance instruments
- De-risking renewable-energy projects in emerging markets
- Investment barriers, cost of capital, and financial innovation
- **Case Study:** Financing renewable-energy expansion in **emerging and developing economies**, focusing on policy measures that improve investment conditions

Module 6: Power Systems, Storage & Renewable Energy Integration

- **Grid modernization** and renewable-energy integration
- Battery storage, demand response, flexibility, and smart grids
- Transmission planning and cross-border electricity markets
- Distributed generation and decentralized energy systems
- **Case Study: Solar-plus-storage** policy frameworks supporting reliable, round-the-clock renewable electricity.

Module 7: Green Hydrogen, Electrification & Sector Coupling

- Policy frameworks for **green hydrogen**
- Renewable-powered industrial decarbonization
- Electrification of transport, buildings, and industry
- Hydrogen standards, certification, infrastructure, and markets
- **Case Study:** Policy pathways for renewable hydrogen in **heavy industry and transport**, where IRENA identifies renewable hydrogen as an important component of decarbonization.

Module 8: Just Energy Transition, Energy Security & Future Policy

- **Just transition** principles, workforce development, and social inclusion
- Energy affordability, access, and inclusive renewable-energy development
- Energy security, resilience, and geopolitical considerations
- Circular economy, renewable-energy supply chains, and end-of-life management
- **Case Study:** Policy responses linking renewable deployment with **energy security and resilience**, alongside emerging solar-panel recycling and circularity policies.

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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