Green Energy Policy and Regulation Training Course

Professional Development Training Course Outline

Category	Environmental Management and Conservation	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Green Energy Policy and Regulation Training Course is designed to equip professionals with the essential knowledge and skills to navigate the dynamic and complex landscape of **green energy policy**, **renewable energy regulation**, and **sustainable development frameworks**. As global efforts to combat climate change intensify, a deep understanding of the legal, economic, and political mechanisms driving the energy transition is paramount. This program focuses on practical application, analyzing global and national policies, market mechanisms, and regulatory instruments that are key to accelerating the adoption of **clean energy** technologies. Participants will gain the expertise to formulate effective strategies, ensure **regulatory compliance**, and unlock new opportunities in the rapidly evolving **sustainable energy** sector.

The curriculum delves into the intricate details of **energy policy design**, **grid integration**, **carbon pricing**, and **renewable energy finance**. Through a combination of expert-led instruction and hands-on case studies, learners will master the skills required to conduct **policy analysis**, perform **regulatory impact assessments**, and advocate for impactful change. This course is a vital resource for anyone seeking to influence the future of energy, providing a strategic advantage in a market increasingly defined by **environmental, social, and governance (ESG)** criteria and the global push toward **decarbonization** and **net-zero emissions**.

Programme Curriculum

Green Energy Policy and Regulation Training Course

Introduction

Green Energy Policy and Regulation Training Course is designed to equip professionals with the essential knowledge and skills to navigate the dynamic and complex landscape of **green energy policy**, **renewable energy regulation**, and **sustainable development frameworks**. As global efforts to combat climate change intensify, a deep understanding of the legal, economic, and political mechanisms driving the energy transition is paramount. This program focuses on practical application, analyzing global and national policies, market mechanisms, and regulatory instruments that are key to accelerating the adoption of **clean energy** technologies. Participants will gain the expertise to formulate effective strategies, ensure **regulatory compliance**, and unlock new opportunities in the rapidly evolving **sustainable energy** sector.

The curriculum delves into the intricate details of **energy policy design**, **grid integration**, **carbon pricing**, and **renewable energy finance**. Through a combination of expert-led instruction and hands-on case studies, learners will master the skills required to conduct **policy analysis**, perform **regulatory impact assessments**, and advocate for impactful change. This course is a vital resource for anyone seeking to influence the future of energy, providing a strategic advantage in a market increasingly defined by **environmental, social, and governance (ESG)** criteria and the global push toward **decarbonization** and **net-zero emissions**.

Course Duration

5 days

Course Objectives

1. Analyze the key drivers of the global energy transition and the role of green policy.
2. Evaluate the effectiveness of various renewable energy policy instruments such as feed-in tariffs, renewable portfolio standards (RPS), and auction mechanisms.
3. Understand the legal and regulatory frameworks for grid modernization and smart grid integration of intermittent renewables.
4. Master the principles of carbon markets and carbon pricing mechanisms, including cap-and-trade systems and carbon taxes.
5. Develop skills in conducting regulatory impact assessments and cost-benefit analysis for clean energy projects.
6. Identify and mitigate regulatory risks and compliance challenges in renewable energy project development.
7. Explore the role of climate change agreements, international treaties, and environmental law in shaping national energy policies.
8. Formulate strategic approaches for stakeholder engagement and public participation in the policy-making process.
9. Assess the impact of green finance and innovative business models like Power Purchase Agreements (PPAs) on renewable energy deployment.
10. Examine case studies on successful energy policy implementation in diverse global markets.
11. Gain insights into the intersection of sustainable energy with energy security and geopolitical stability.
12. Acquire the knowledge to drive decarbonization strategies within both public and private sector organizations.
13. Apply principles of energy efficiency and demand-side management in regulatory design.

Organizational Benefits

- Equip your team with the expertise to anticipate and adapt to evolving regulatory landscapes, gaining a competitive edge.

- Enhance **regulatory compliance** and reduce legal and financial risks associated with complex **green energy projects**.
- Invest in a highly skilled workforce capable of leading **sustainable innovation** and driving **clean energy transition** initiatives.
- Demonstrate a commitment to **corporate social responsibility (CSR)** and **ESG principles** by actively participating in the **green economy**.
- Optimize project development timelines and investment returns by navigating permitting, licensing, and regulatory hurdles with greater efficiency.

Target Audience

- Policymakers and Government Officials
- Energy Regulators and Utility Professionals
- Environmental and Sustainability Consultants
- Project Managers in the Renewable Energy Sector
- Legal and Regulatory Affairs Specialists
- Energy Analysts and Market Researchers
- Investors and Financial Professionals in Green Finance
- Corporate Executives and Strategists focused on **CSR** and **ESG**

Course Outline

Module 1: Fundamentals of Green Energy Policy

- Introduction.
- Policy Drivers
- Policy Typologies.
- International Frameworks.
- **Case Study:** The European Union?ÇÖs Fit for 55 package and its impact on regional energy policy.

Module 2: Regulatory Instruments for Renewable Energy

- Incentive Mechanisms.
- Auction Systems.
- Grid Interconnection.
- Permitting & Licensing.
- **Case Study:** Germany's transition from fixed **feed-in tariffs** to competitive auctions.

Module 3: Carbon Markets and Pricing

- Carbon Pricing.
- Emissions Trading Schemes (ETS).
- Carbon Taxes.
- Voluntary Markets.
- **Case Study:** The evolution of the EU Emissions Trading System (EU ETS) and its impact on industrial sectors.

Module 4: Renewable Energy Project Finance and Economics

- Project Economics.
- Green Finance: An overview of green bonds, climate funds, and ESG investing.
- Power Purchase Agreements (PPAs).

- Risk Management.
- **Case Study:** Financing a large-scale solar farm in a developing nation through a combination of public and private finance.

Module 5: Grid Integration and Infrastructure

- Grid Modernization.
- Energy Storage.
- Smart Grids.
- Cybersecurity.
- **Case Study:** The regulatory framework supporting the development of a large-scale energy storage project in California.

Module 6: Policy Analysis and Advocacy

- Policy Evaluation: Methods for assessing the success and impact of energy policies.
- Regulatory Impact Assessments (RIAs): A step-by-step guide to conducting RIAs.
- Stakeholder Engagement.
- Lobbying & Advocacy: Best practices for influencing the **policy-making process**.
- **Case Study:** The public consultation and legislative process behind a major clean energy act.

Module 7: Sustainable Development and Environmental Law

- Environmental Law.
- Social & Community Impact.
- Land Use Regulation.
- Water & Biodiversity.
- **Case Study:** The development of a wind farm and its adherence to specific environmental impact regulations and community benefit agreements.

Module 8: Emerging Trends and Future of Green Energy Regulation

- Hydrogen & E-Fuels.
- Decentralized Energy.
- International Cooperation.
- Policy Innovations.
- **Case Study:** The policy and regulatory challenges for scaling up **green hydrogen** production in a specific country.

Training Methodology

The course employs a highly interactive and practical methodology, combining:

- Expert-Led Presentations.
- Interactive Workshops.
- Case Study Analysis.
- Guest Speaker Sessions.
- Practical Exercises.

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

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com