Green Industrial Policy and Eco-Innovation Training Course

Professional Development Training Course Outline

Category	Environmental Management and Conservation	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The global economy is at a critical juncture, facing dual imperatives: fostering sustainable growth and tackling pressing environmental crises. Green Industrial Policy and Eco-Innovation Training Course is designed to equip policymakers, business leaders, and innovators with the strategic frameworks and practical tools needed to navigate this transition. It provides a deep dive into how targeted government interventions and market-driven innovation can accelerate the shift towards a low-carbon, resource-efficient, and inclusive economy. By exploring successful global case studies and best practices, participants will learn to design and implement policies that not only mitigate climate risks and environmental degradation but also create new economic opportunities, enhance industrial competitiveness, and generate green jobs. This program is your guide to building a resilient and prosperous future through sustainable transformation.

The transition to a **Green Economy** is no longer a niche concept but a mainstream economic imperative. Governments worldwide are increasingly leveraging strategic green industrial policies to steer economic development towards sustainability. This training course bridges the gap between high-level policy formulation and on-the-ground implementation of eco-innovation strategies. Participants will gain a comprehensive understanding of policy instruments, from carbon pricing and green finance to sustainable public procurement, and learn how these tools can catalyze technological change and market-based solutions. Through a dynamic, interactive, and case-study-driven approach, this program will empower you to become a key driver of change, fostering a new era of **sustainable development** and **circular economy** principles.

Programme Curriculum

Green Industrial Policy and Eco-Innovation Training Course

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Course Duration

10 days

Course Objectives

1. Analyze the nexus between green industrial policy, economic competitiveness, and sustainable development.
2. Formulate effective eco-innovation strategies for both public and private sectors.
3. Evaluate the role of green finance and sustainable investment in catalyzing the low-carbon transition.
4. Design robust policy frameworks that support circular economy models and resource efficiency.
5. Identify and implement key instruments of green industrial policy, including carbon pricing, subsidies, and sustainable public procurement.
6. Assess the geopolitical implications and trade dynamics of a global green industrial transition.
7. Leverage digital technologies and Industry 4.0 to enhance eco-efficiency and drive systemic change.
8. Develop robust business cases for sustainable business models and green technology adoption.
9. Explore the potential of nature-based solutions and green infrastructure within industrial policy.
10. Build stakeholder partnerships for effective policy implementation and eco-innovation diffusion.
11. Measure the socio-economic and environmental impacts of green industrial policies.
12. Integrate just transition principles to ensure that the shift to a green economy is equitable and inclusive.
13. Master the strategic application of intellectual property and innovation ecosystems to promote green innovation.

Organizational Benefits

- Steer your organization towards a future-proof business model by integrating sustainability and gaining a competitive edge in new and expanding green markets.

- Proactively address regulatory changes, supply chain vulnerabilities, and climate-related risks.
- Become an employer of choice for top talent seeking purpose-driven careers in a sustainable and responsible organization.
- Implement eco-innovation to reduce waste, optimize resource use, and lower operational costs.
- Improve eligibility for green finance, sustainable investment, and grants from governmental and international bodies.
- Strengthen your corporate social responsibility (CSR) profile and enhance brand image as a leader in sustainable practices.

Target Audience

1. Policymakers and Government Officials
2. Corporate Sustainability and ESG Professionals.
3. Economists and Development Planners.
4. Entrepreneurs and Business Owners.
5. Academics and Researchers.
6. NGO and Civil Society Representatives.
7. Financial Sector Professionals.
8. Engineers and Technical Specialists.

Course Outine

Module 1: Foundations of Green Industrial Policy (GIP)

- Defining GIP: From traditional industrial policy to a modern green framework.
- Rationale for GIP: Addressing market failures and environmental externalities.
- Global landscape of GIP: A comparative overview of major country strategies.
- GIP and the Sustainable Development Goals (SDGs).
- **Case Study:** Germany's "Energiewende" - a large-scale national strategy for energy transition and industrial transformation.

Module 2: The Core Concepts of Eco-Innovation

- What is Eco-Innovation?: Products, processes, and business models for sustainability.
- Types of Eco-Innovation: Technological, organizational, social, and systemic.
- Eco-design and Life Cycle Assessment (LCA).
- Metrics and Measurement.
- **Case Study:** Interface Carpets' "Mission Zero" - a company's journey from linear to circular business model.

Module 3: Policy Instruments for GIP

- Fiscal Tools: Carbon taxes, subsidies for clean technologies, and green bonds.
- Regulatory Tools: Performance standards, emissions trading schemes, and mandates.
- Market-Based Instruments: Public procurement, green certification, and labeling.
- Information and R&D support: Funding for green research and technology diffusion.
- **Case Study:** The European Union's Green Deal and its suite of policy tools to drive decarbonization.

Module 4: Green Finance and Sustainable Investment

- Mobilizing Capital: The role of public and private finance.
- Green and sustainability-linked bonds.

- ESG integration and sustainable investment criteria.
- Role of development banks and international financial institutions.
- **Case Study:** The rise of climate bonds in emerging economies to fund green infrastructure.

Module 5: The Circular Economy and Industrial Symbiosis

- From linear to circular: Principles of a circular economy.
- Industrial symbiosis and eco-industrial parks.
- Waste-to-resource strategies and new business models.
- Policy levers to close the loop on material flows.
- **Case Study:** The Kalundborg Eco-Industrial Park in Denmark, demonstrating a successful multi-firm symbiosis.

Module 6: Sector-Specific GIP and Eco-Innovation

- Renewable Energy: Solar, wind, and smart grid integration.
- Sustainable Transportation: EVs, public transit, and smart mobility.
- Green Buildings and construction.
- Sustainable Agriculture and food systems.
- **Case Study:** China's policy support for the electric vehicle industry, creating a global manufacturing powerhouse.

Module 7: Technology and Digital Transformation

- Industry 4.0 for Sustainability: IoT, AI, and big data.
- Digital Twin and modeling for eco-efficiency.
- Blockchain for sustainable supply chains.
- Innovation ecosystems and digital platforms.
- **Case Study:** The use of AI in optimizing energy consumption for data centers and industrial facilities.

Module 8: GIP and Global Trade Dynamics

- Green protectionism and trade conflicts.
- Border Carbon Adjustment Mechanisms (BCAMs).
- Aligning international trade rules with climate goals.
- Global value chains and sustainable sourcing.
- **Case Study:** The EU's Carbon Border Adjustment Mechanism (CBAM) and its implications for global trade.

Module 9: Social Equity and Just Transition

- Ensuring a just and equitable transition for workers and communities.
- Policy instruments for social safety nets and reskilling.
- Addressing inequality in access to green technologies.
- Community-led innovation and local green initiatives.
- **Case Study:** The Green New Deal in Spain, which includes a comprehensive strategy for workers and regions impacted by the energy transition.

Module 10: Stakeholder Engagement and Public-Private Partnerships

- The role of civil society and NGOs in GIP.
- Fostering collaboration between government, business, and academia.

- Co-creation of policy and innovation roadmaps.
- Overcoming resistance to change.
- **Case Study:** Public-private partnerships in developing green energy infrastructure in Costa Rica.

Module 11: Measuring and Evaluating GIP Success

- Key Performance Indicators (KPIs) for GIP.
- Impact assessment methodologies: Quantitative and qualitative.
- Data collection and reporting on environmental and economic outcomes.
- Challenges in evaluation and long-term monitoring.
- **Case Study:** The use of national green growth indices to track progress in a country like South Korea.

Module 12: Business Models for Eco-Innovation

- Product-as-a-Service (PaaS) models.
- Sharing economy and collaborative consumption.
- Design for durability and repairability.
- Revenue models from waste and by-products.
- **Case Study:** Patagonia's "Worn Wear" program, which encourages repair and resale of products.

Module 13: Green Entrepreneurship and Startups

- Fostering a green startup ecosystem.
- Venture capital and funding for green ventures.
- Incubators and accelerators for eco-innovation.
- Scaling up green solutions for maximum impact.
- **Case Study:** The success story of a green startup that disrupted a traditional industry.

Module 14: GIP in Developing and Emerging Economies

- Leapfrogging to green technologies.
- Addressing unique developmental challenges.
- Aligning GIP with poverty reduction and economic diversification.
- International cooperation and technology transfer.
- **Case Study:** The adoption of solar mini-grids in rural India to provide clean energy access.

Module 15: Roadmap for Action and Final Project

- Synthesizing knowledge into a actionable plan.
- Developing a strategic roadmap for your organization or country.
- Pitching an eco-innovation project to stakeholders.
- Peer review and expert feedback session.
- **Case Study:** A collaborative workshop to design a green industrial policy for a hypothetical region.

Training Methodology

This course employs a **blended learning methodology** that combines:

- Expert-Led Lectures and Webinars.
- Interactive Workshops.
- Case Study Analysis: In-depth examination of real-world successes and failures.
- Peer-to-Peer Learning.

- Hands-on Exercises: Practical application of concepts and tools.
- Final Capstone Project.
- Self-Paced Resources: Access to curated readings, videos, and toolkits.

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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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

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