Green Industrial Policy: Theory and Practice 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

The global transition to a sustainable, low-carbon economy is no longer a distant goal but a present necessity. Green Industrial Policy (GIP) has emerged as a critical framework for governments and institutions to actively shape this transformation. Green Industrial Policy: Theory and Practice Training Course will equip participants with the knowledge and practical skills to design, implement, and evaluate effective GIP strategies. We'll delve into the theoretical underpinnings, examine real-world case studies, and analyze the policy instruments that drive **sustainable industrial development**, **clean energy transitions**, and **resource efficiency**.

This program goes beyond mere theory, focusing on the practical application of GIP to foster **green growth** and create **competitive advantage**. By understanding the mechanics of **decarbonization**, **eco-innovation** , and **circular economy** principles, participants will be empowered to lead their organizations and nations toward a more resilient and prosperous future. The course provides a deep dive into the policy tools and strategic considerations needed to align economic development with environmental sustainability, ensuring a **just transition** that benefits all stakeholders.

Programme Curriculum

Green Industrial Policy: Theory and Practice Training Course

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Course Duration

5 days

Course Objectives

Upon completion of this training, participants will be able to:

1. Analyze the economic rationale and market failures that justify Green Industrial Policy.
2. Differentiate between traditional and green industrial policy frameworks.
3. Identify key policy instruments for promoting sustainable development.
4. Appraise the strategic considerations for designing GIP roadmaps.
5. Evaluate the role of eco-innovation in fostering green growth.
6. Understand the dynamics of clean energy transitions and their policy implications.
7. Analyze the relationship between Green Industrial Policy and international trade.
8. Identify strategies for fostering circular economy models at a national and sectoral level.
9. Develop a framework for monitoring and evaluation of GIP outcomes.
10. Explore the role of public procurement as a tool for driving green industries.
11. Examine the link between GIP and climate change mitigation and adaptation.
12. Design policies that ensure a just transition for affected workers and communities.
13. Integrate environmental, social, and governance (ESG) criteria into industrial policy.

Organizational Benefits

- The ability to anticipate and respond to shifting global policies, regulations, and market demands related to sustainable development.
- Expertise in leveraging GIP to build resilience, optimize resource efficiency, and unlock new market opportunities in the green economy.
- A team with the skills to design and advocate for policies that align with national and global sustainability goals.
- Reduced exposure to regulatory risks and supply chain disruptions by proactively embracing sustainable practices.
- Fostered capacity for inter-departmental and cross-sectoral collaboration on complex sustainability challenges.

Target Audience

- Government officials and policymakers in economic development, environment, and trade ministries.
- Professionals in international development organizations, NGOs, and think tanks.
- Corporate leaders and strategists from manufacturing, energy, and technology sectors.

- Economists, researchers, and academics focused on sustainable development.
- Public and private sector finance professionals.
- Consultants specializing in sustainability, climate, and public policy.
- Students and recent graduates pursuing careers in green economics and policy.
- Urban planners and regional development authorities.

Course Modules

Module 1: Foundations of Green Industrial Policy

- Understanding the core concepts of industrial policy in the context of sustainability.
- Analyzing the market failures that necessitate government intervention for greening the economy.
- Distinguishing between traditional and modern GIP frameworks.
- Examining the link between GIP and national competitiveness.
- Case Study: Germany's "Energiewende" (Energy Transition) and its industrial policy components.

Module 2: Strategic Design & Planning

- Developing a **strategic roadmap** for GIP.
- Identifying and prioritizing key sectors for intervention.
- Conducting stakeholder analysis and building public-private partnerships.
- Integrating **social and environmental objectives** into policy design.
- Case Study: China's policies to dominate the global renewable energy technology market.

Module 3: Policy Instruments & Tools

- Exploring the full spectrum of GIP instruments, including fiscal incentives, subsidies, and public procurement.
- Analyzing the role of regulations, standards, and carbon pricing.
- Leveraging intellectual property rights and R&D support for eco-innovation.
- Designing effective credit and finance mechanisms for green projects.
- Case Study: The European Union's Green Deal and its use of diverse policy instruments.

Module 4: Decarbonization & Clean Technology

- Understanding the policy levers for driving **industrial decarbonization**.
- Promoting the adoption of **clean technologies** and energy efficiency.
- The role of GIP in the development of green hydrogen and carbon capture technologies.
- Fostering a **circular economy** through industrial symbiosis and waste management policies.
- Case Study: Denmark's wind energy sector development from niche to global leader.

Module 5: GIP for Just Transition

- Addressing the social and labor market implications of industrial change.
- Designing policies for **reskilling and upskilling** the workforce.
- Ensuring equitable benefits and addressing regional disparities.
- The role of social dialogue in GIP implementation.
- Case Study: The transition of coal-dependent regions in Spain and Germany.

Module 6: Governance and Implementation

- Establishing robust governance structures for effective GIP implementation.

- Building institutional capacity and inter-agency coordination.
- Developing monitoring, reporting, and verification frameworks.
- Managing political economy challenges and fostering policy coherence.
- Case Study: South Korea's Green New Deal and its implementation challenges.

Module 7: International Cooperation & Trade

- Navigating the relationship between GIP and international trade rules.
- Exploring the role of GIP in achieving Sustainable Development Goals (SDGs).
- Analyzing the impact of border carbon adjustments and other trade-related measures.
- Strategies for international knowledge sharing and technology transfer.
- Case Study: The role of GIP in helping developing nations build sustainable industries.

Module 8: GIP and the Future

- Analyzing emerging trends in GIP, including the rise of digital and smart industrial policies.
- The role of GIP in building climate resilience and adapting to climate change.
- Future outlook for green industrial policy in a multipolar world.
- Exploring the potential of GIP to address global challenges beyond climate change.
- Case Study: Singapore's forward-looking strategies for a green and smart economy.

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- 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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