Carbon Transition and Labour Markets Training Course

Professional Development Training Course Outline

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

Course Introduction

The global shift toward decarbonization, net-zero economies, and green industrial transformation is reshaping how labour markets function, how skills are valued, and how industries evolve. Carbon Transition and Labour Markets Training Course is designed to equip professionals, policymakers, and workforce planners with deep insights into the intersection of climate policy, green jobs, sustainable development, and workforce transformation. As economies accelerate toward Paris Agreement targets, ESG compliance, and climate-resilient growth, understanding labour market dynamics becomes essential for ensuring a just and inclusive transition.

This course explores how carbon transition pathways, renewable energy expansion, carbon pricing mechanisms, and climate adaptation strategies influence employment patterns, skills demand, and sectoral restructuring. Participants will gain practical knowledge on green skills development, workforce reskilling, just transition frameworks, circular economy models, and sustainable industrial policy. Through case-driven learning, global best practices, and labour market analytics, the course prepares stakeholders to manage disruption while maximizing opportunities in the emerging low-carbon economy.

Programme Curriculum

Carbon Transition and Labour Markets Training Course

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5 days

Course Objectives

1. Understand global net-zero transition frameworks
2. Analyze impacts of carbon transition on labour markets
3. Identify emerging green jobs and skills ecosystems
4. Evaluate just transition policies and social protection systems
5. Assess sectoral shifts in energy, transport, and industry
6. Apply ESG and sustainability reporting standards
7. Examine carbon pricing and emissions trading systems
8. Design workforce reskilling and upskilling strategies
9. Understand renewable energy labour market expansion
10. Explore circular economy employment models
11. Assess climate risk on employment and productivity
12. Develop policy responses for inclusive green growth
13. Use labour market data for climate-informed decision making

Target Audience

1. Government policymakers and labour ministry officials
2. Environmental and climate change professionals
3. HR managers and workforce development specialists
4. Energy sector executives and sustainability officers
5. NGO and development agency practitioners
6. Academic researchers in economics, climate, and labour studies
7. Trade union leaders and labour rights advocates
8. ESG analysts and corporate sustainability teams

Course Modules

Module 1: Foundations of Carbon Transition

- Climate science basics and global warming mechanisms
- Net-zero emissions pathways and policy frameworks
- Paris Agreement and national climate commitments
- Carbon neutrality vs carbon offsetting strategies
- **Case Study:** EU Green Deal industrial transformation

Module 2: Labour Market Transformation Dynamics

- Structural shifts in employment due to decarbonization
- Labour displacement risks in fossil fuel industries
- Emerging green employment sectors
- Informal sector impacts in developing economies
- **Case Study:** Coal industry transition in Germany

Module 3: Green Jobs and Skills Evolution

- Definition and classification of green jobs
- Skills mismatch in transition economies
- Future skills for renewable energy sectors
- Role of vocational training systems
- **Case Study:** Solar workforce expansion in India

Module 4: Just Transition Frameworks

- Social equity in climate policy
- Worker protection and retraining schemes
- Community resilience in transition zones
- Policy instruments for fairness and inclusion
- **Case Study:** Canada’s Just Transition Task Force

Module 5: Renewable Energy Labour Markets

- Employment trends in solar, wind, and hydro sectors
- Investment flows and job creation metrics
- Supply chain localization effects
- Gender inclusion in renewable energy jobs
- **Case Study:** Offshore wind industry in Denmark

Module 6: Carbon Pricing & Economic Impacts

- Carbon tax and emissions trading systems (ETS)
- Labour cost implications of carbon regulation
- Corporate compliance and workforce restructuring
- Revenue recycling for job creation
- **Case Study:** California Cap-and-Trade Program

Module 7: Circular Economy & Sustainable Industry

- Resource efficiency and waste reduction models
- Green manufacturing and eco-design principles
- Recycling industries and job creation potential
- Industrial symbiosis systems
- **Case Study:** Circular economy hubs in the Netherlands

Module 8: Climate Policy & Labour Market Analytics

- Labour market forecasting tools
- Big data and AI in employment trend analysis
- Climate risk modeling for workforce planning
- Policy evaluation frameworks

- **Case Study:** ILO green jobs analytics program

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

Start Date	End Date	Location	Price
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:

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