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COURSE BROCHURE

AI for Sustainable Business Strategy and Just Transition Course

3 – 7 May 2027
Singapore

jupiterprime.uk

info@jupiterprime.uk

Registered in the United Kingdom and Saudi Arabia

AI for Sustainable Business Strategy and Just Transition Course

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AI for Sustainable Business Strategy and Just Transition is a 1-week training course for sustainability managers, ESG officers, strategy leaders and HR directors that ends with an AI sustainability and just transition strategy for one organisation. AI can sharpen emissions accounting and green operations, yet its own data centres consume energy and its automation reshapes jobs that a fair transition must protect. Jupiter Prime Training runs this AI for Sustainable Business Strategy and Just Transition course.

Why Sustainable Business Strategy and Just Transition Matters Now

Three forces make sustainable business strategy and just transition urgent for AI adopters: investors and lenders asking for credible ESG disclosures backed by traceable emissions records, the rising electricity and water footprint of training and running large models, and communities and employees expecting that decarbonisation and automation will not leave whole job families behind. An organisation that links AI to its climate targets can cut emissions and reskill fairly; one that does not risks greenwashing claims and social backlash. The course draws on ISO/IEC 42001 for AI management and the NIST AI Risk Management Framework NIST AI RMF for weighing social and environmental impacts.

Who Gains Most from Sustainable Business Strategy and Just Transition

- Managers who own decarbonisation targets, climate risk registers and sustainability reports
- Officers who collect ESG metrics and answer investor and rating questionnaires
- Strategy leads who weigh AI investments against long-term environmental commitments
- People leaders who plan reskilling and redeployment as green and automated roles emerge
- Facilities and operations leads who manage energy, water and fleet performance

An organisation gains most when its sustainability, strategy and HR members attend together, because emissions, technology and jobs decisions must be balanced in one plan.

Sustainable Business Strategy and Just Transition Capabilities

Participants learn to treat AI both as a lever for climate and social goals and as an activity with its own footprint and labour effects.

- Apply AI to emissions accounting and ESG data quality — sustainability reporting owners
- Calculate the energy and carbon footprint of AI workloads — IT and finance partners
- Assess green operations use cases in energy, logistics and buildings — operations directors
- Design just transition measures for roles affected by automation and decarbonisation — HR and employee representatives
- Weigh trade-offs between AI benefits and environmental cost — executive committees
- Communicate AI-supported sustainability claims without greenwashing — investors and the public

Key Sustainable Business Strategy and Just Transition Terms

- Just transition — moving to a low-carbon economy in a way that protects workers and communities through reskilling, redeployment and social dialogue.
- Scope 3 emissions — indirect emissions in a company's value chain, from purchased goods to product use, outside its own operations.
- Green AI — designing and running AI systems to reduce their energy use, water consumption and carbon footprint.
- ESG disclosure — public reporting of environmental, social and governance performance to investors and other stakeholders.
- Greenwashing — making environmental claims that overstate or misrepresent an organisation's real performance.
- Green skills — knowledge and abilities needed for jobs that reduce environmental impact or support low-carbon operations.

Sustainable Business Strategy and Just Transition Day by Day

Day 1: Climate Targets, AI and Social Licence

- Materiality Assessment — Which Sustainability Issues AI Should Address
- Decarbonisation Pathways — Where AI Accelerates or Slows Progress
- Stakeholder Expectations Map — Investors, Employees and Communities
- Energy and Manufacturing Sector Cases — Lessons From Early Adopters
- Social Licence Risks — Automation, Job Loss and Public Trust

Day 2: AI for ESG Data and Emissions Analytics

- Emissions Inventory Automation — Scope 1, 2 and 3 Data Quality
- Supplier Data Extraction With Language Models — Value Chain Visibility
- Anomaly Detection in ESG Metrics — Catching Reporting Errors
- Climate Risk Scenario Modelling — Physical and Transition Exposure
- Disclosure Drafting Support — Evidence Trails Against Greenwashing

Day 3: Green AI and Sustainable Operations

- AI Workload Footprint Estimation — Energy, Water and Carbon per Model
- Model Efficiency Choices — Smaller Models, Scheduling and Cleaner Regions
- Energy Optimisation in Buildings and Plants — Load and Demand Control
- Route and Fleet Optimisation — Fuel and Emissions Reduction
- Circular Economy Analytics — Waste, Reuse and Material Recovery

Day 4: Just Transition for the Workforce

- Job Exposure Mapping — Roles Affected by Automation and Decarbonisation
- Green Skills Taxonomy — Emerging Roles and Skill Gaps
- Reskilling and Redeployment Pathways — Fair Routes Into New Work
- Social Dialogue and Worker Consultation — Building Consent for Change
- NIST AI RMF and ISO/IEC 42001 Impact Checks — Effects on People

Day 5: Practising the AI Sustainability and Just Transition Strategy

- Materiality and Pathways From Day 1 — Strategic Priorities
- ESG Analytics Plan From Day 2 — Measurement and Disclosure
- Green AI and Operations Measures From Day 3 — Footprint Targets
- Workforce Transition Measures From Day 4 — Reskilling Commitments
- AI Sustainability and Just Transition Strategy — Board-Ready Plan

Applying Sustainable Business Strategy and Just Transition After the Course

- Estimate the energy and carbon footprint of the organisation's three largest AI workloads and propose one efficiency measure for each.
- Map job families exposed to automation and decarbonisation and draft a reskilling pathway for the most affected group with HR and employee representatives.

Sustainable Business Strategy and Just Transition Questions FAQ

What is AI for sustainable business strategy and just transition and why does it matter now?

AI for sustainable business strategy and just transition links AI use to climate targets, ESG reporting and fair treatment of workers. It matters now because investors demand credible disclosures while AI's energy use and automation effects come under closer scrutiny.

Which roles gain most from sustainable business strategy and just transition training?

Sustainability managers, ESG officers, strategy leaders and HR directors gain most. Operations leads also benefit, since energy, fleet and building optimisation are where AI cuts emissions fastest.

How does sustainable business strategy and just transition differ from a general future of work course?

It ties workforce change to climate and ESG goals rather than general job redesign. You measure AI's own footprint, use AI for emissions analytics and plan a fair transition for roles affected by decarbonisation.

What do you bring back from sustainable business strategy and just transition training?

You bring back an AI sustainability and just transition strategy for your organisation. It sets priorities, ESG measurement, footprint targets for AI workloads and reskilling commitments for affected roles.

Sustainable Business Strategy and Just Transition: The Way Forward

The AI sustainability and just transition strategy informs the first board decision: which AI investments advance climate targets without unfair job impacts. Sustainability, strategy and HR leaders use it together. After the first reporting cycle, revisit footprint estimates and reskilling uptake, since model usage and the pace of green job creation often differ from early assumptions.