



Managing a Climate Strategy

Course syllabus

Course price: 2000 € / person

Lesson 1 - Introduction to Carbon, Greenhouse Gases, & Climate Change:

- **Module 1:** Climate and Companies – An introduction to sustainability issues and why climate change is a systemic risk
- **Module 2:** The Challenge of Climate Change - The principles of climate change, greenhouse gases and CO₂
- **Module 3:** The Role of Energy in Climate Change - Understanding the relationship between GHGs and energy
- **Module 4:** Why is the climate/energy problem so profound? - The interconnectedness of climate, energy and the economy
- **Module 5:** Application case: Calculating a company's carbon footprint - An interactive module to learn how to calculate a carbon footprint

Lesson 2 - International Climate Change Frameworks:

- **Module 1:** International Climate Negotiations - The layout of international efforts towards climate change action
- **Module 2:** Carbon Reduction Targets - Understanding planetary boundaries, Science Based Targets, and achieving “neutrality”
- **Module 3:** Mobilization for carbon neutrality - A focus on the EU Green Deal and climate strategies of the world’s largest emitters including the US and China
- **Module 4:** New operational constraints - Getting to know the regulatory constraints, tax mechanisms and energy standards that push businesses towards carbon neutrality
- **Module 5:** Application case: setting SBT aligned carbon objectives - An interaction module on the 5 steps of the Science Based Target methodology

Lesson 3 - Companies facing the "carbon" challenge: between risks and opportunities:

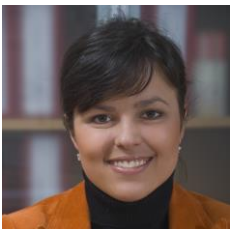
- **Module 1:** The double impact on the business model - Climate change presents the need to both anticipate/prevent risks and implementing operational strategies for business adaptation
- **Module 2:** Carbon, a performance criterion making its way into corporate strategy - Strengthening carbon criteria for ESG ratings and investors
- **Module 3:** Application case: Reporting on climate with TCFD - An interactive case analyzing disclosures based on the TCFD guidelines
- **Module 4:** Assessing the resilience of the value creation model towards climate change - Understanding how climate change will impact the value creation model of a company
- **Module 5:** Case studies - Examples of value creation models impacted by the carbon challenge

Lesson 4 - Moving towards carbon neutrality: Operational Actions:

- **Module 1:** Scope 1&2 emissions - Optimizing energy, decarbonizing the energy mix and managing data around direct emissions
- **Module 2:** Scope 3 emissions - Reflecting on green logistics, eco-design, and decarbonized supply chains
- **Module 3:** Sequestration & offsetting/insetting - The principles of offsetting, insetting and carbon sequestration
- **Module 4:** Case studies - Examples of emblematic carbon reduction programs
- **Module 5:** Application Case: Building a carbon-neutral trajectory - An interactive module on defining priorities, identifying solutions and transforming offer portfolios

Lesson 5 - Deeper transformations required for a low carbon model:

- **Module 1:** Towards a low carbon spirit - Company structure and management to best tackle climate change
- **Module 2:** Carbon is the new currency - Putting the systems in place to confidently track and manage climate strategies
- **Module 3:** Carbon & Stakeholder Interaction - Understanding the relationship between carbon and customers, suppliers, and consortia
- **Module 4:** Painting the Picture of a Carbon Neutral Society - Finding out what a decarbonized world will look like and its effects on business
- **Module 5:** Application Case : Interactive module to bring all learning together while analyzing the case of Total's climate strategy



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