

Climate Change for Organisation Management



Thursday, 20 January 2022

Session 1
0900 - 1030

Opening Remarks & Welcome

Topic: Global Heating Causes, Climate Action Agreements, Policies and Solutions

Speaker: John Sayer, Director, Carbon Care Asia

Description: Current understanding of the causes of global climate change and the impact this is likely to bring to business and society. Response to the climate emergency from the community of nations and the relationship of climate action to other development priorities.

Scientific consensus; Human activity and a warming planet; Sources of greenhouse gas emissions; planetary boundaries; Intergovernmental Panel on Climate Change (IPCC) work and targets; Three mitigation elements: Clean energy, energy efficiency and carbon removal.

Policy and social issues: Paris Climate Agreement; SDGs and Agenda 2030; Climate policy instruments; National and sub-national roles; The need for a Just Transition.

Learning Objectives: Understand the causes of the climate emergency and its impact. Climate targets recommended by scientists and the key elements of climate action planning. Decipher the impact of international agreements and negotiations on Singapore's climate plans; differentiate mitigation and adaptation; recognise the relationship between environmental and social issues in the transition to a low carbon economy.

Interactive Activities: Class discussions.

1030 - 1100

Break

Session 2
1100 - 1230

Topic: Climate Change Strategies: Organizational and Leadership Challenges

Speaker: Professor Lawrence Loh, Director, Centre for Governance and Sustainability, NUS Business School

Description: This session addresses critical considerations for organizations in advancing their climate change agenda, including use cases and planning roadmaps.

Thursday, 20 January 2022

Session 2

1100 - 1230

It is essential for all corporations to reflect and articulate strategies in the ongoing emphasis on climate change by stakeholders, particularly consumers, investors and regulators. Leaders play a most critical role in crafting a business case to steer the organisation for the new era of climate change readiness.

Learning Objectives: The session will cover key issues in formulating climate change strategies along the rationales of corporate social responsibility, risk assessment and business benefits. It will also address challenges in implementing such strategies in terms of structures, processes and more broadly the cultures.

Interactive Activities: Class discussions.

1230 - 1330

Break

Session 3

1330 - 1500

● **Topic: Green Finance Toolbox: Standards and Opportunities**

Speaker: John Sayer, Director, Carbon Care Asia

Description: This session examines action by the finance sector to reduce climate-related financial risk as well as opportunities to play a positive role in climate action. It will cover new initiatives from financial regulators, banks and investors.

Climate-related financial risk; policy initiatives on risk management & disclosure; measuring financed emissions; science-based targets for the finance sector.

Sustainable finance standards, categories and taxonomies; green bonds; green funds; transitional bonds and sustainability-linked finance.

Learning Objectives Understand how the finance sector is responding to climate change. Green finance opportunities in the transition to a low carbon economy and the need to build infrastructural resilience to physical risk from weather extremes.

Interactive Activities: Class discussions.

1500 - 1530

Break

Thursday, 20 January 2022

Session 4 1530 - 1700

Topic: Decarbonization Strategy: Stakeholder Engagement

Speaker: Professor Lawrence Loh, Director, Centre for Governance and Sustainability, NUS Business School

Description: This session addresses a core aspect of climate change strategy in organizations – decarbonization. It will stipulate critical concerns for corporate strategy in decarbonizing the organization’s operations as well as its products and services.

The central concern of climate change now is moderating the temperature rise. For this to take place, countries must commit to reduce the emission of carbon dioxide and other equivalent greenhouse gases. Organizations, particularly businesses, are major players in economic activities and thus key emitters of such gases. Realizing the overall climate change goal will depend on effective decarbonization at the organizational level.

Learning Objectives The session will cover key issues in decarbonization strategy from an organization viewpoint. Drawing from real case examples, it will examine how organizations pursue and disclose their decarbonization efforts. The session will formulate decarbonization in a multi-stakeholder setting and lay out the critical factors for implementation success.

Interactive Activities: Class discussions and exercises.

1700 - 1730

Quiz Assessment