

RESPONSIBLE INVESTOR MASTERCLASS

Workshop 3: Sustainable Finance seminar on Climate and Energy

Agenda

Objective: The transition to a low carbon economy will require a complete transformation of energy companies' business models. In this workshop, investors will learn about the key climate-related risks in the energy sector, as well as strategies and initiatives for de-risking their portfolios.

Date: 8 May 2018

Time: 14:00 – 17:40

Venue: Singapore Stock Exchange, Academy Room, 2 Shenton Way, #02-02 SGX Centre 1, Singapore 068804

Item	Speakers	Time
Registration		14:00 – 14:30
Welcome and opening remarks		14:30 – 14:40
<p>What does the future of the energy sector look like?</p> <ul style="list-style-type: none"> • How does the energy sector contribute to climate change (e.g. GHG emissions)? • The role of renewable energy, biofuels/biodiesel, oil sands, gas, nuclear, clean coal and CCS • Addressing Climate Change - the elephant in the room. <ul style="list-style-type: none"> ○ physical (water scarcity, floods) and ○ transition risks (regulations, new technologies), leading to wasted capex and stranded assets 	Sebastian Godinot; Economist; WWF European Policy Office	14:40 – 15:05
<p>Other key ESG issues faced in the energy sector (water risk, human rights & community relations, pollution & public health)</p>	Lauren Lynch; Sustainable Finance Engagement Assistant Manager; WWF	15:05 – 15:15
<p>Company Perspective</p> <ul style="list-style-type: none"> • What are progressive companies doing to transition their business models to a low carbon/2-degree world? (strategy, capex, R&D) • What should the level of board involvement and responsibility be? How should this be reflected in KPIs? 	Adrian Suharto; Head of Stakeholder Engagement; Neste Peter Rice; General Manager of Capital Markets; Origin Energy Limited	15:15 – 15:45

<ul style="list-style-type: none"> How are companies using science-based targets to commit to manage and assess climate risks? 		
Coffee Break		15:45 – 16:15
<p>The financial sector response to climate in the energy sector</p> <ul style="list-style-type: none"> What are key discussions around climate and energy in the financial sector? (e.g. EP rehaul, TCFD, 2 degrees investing)? How are banks responding to climate risk in their energy portfolios and policies? (e.g increasing cost of capital, investment, exclusion) What strategies and initiatives are investors using in response to climate risk in their energy portfolios? (e.g stress testing, scenario based analysis, divestment, exclusion, engagement, shareholder resolutions) How is the transition to a low-carbon economy creating investment opportunities? 	<p>Sebastian Godinot; Economist; WWF European Policy Office</p>	16:15 – 16:40
<p>Investor Perspective</p> <ul style="list-style-type: none"> How have investors responded to ESG and climate-related risks in the energy sector? What is the importance of climate related disclosures and how should investors be using this data? What investment funds and strategies have investors developed to align their portfolios to a low carbon pathway/ 2-degree world? 	<p>Patrick Kuhner; Client Portfolio Manager, Rosenberg Equities; AXA Investment Managers</p> <p>Ly Lai; Deputy Head of ESG Analysis; Amundi</p>	16:40 – 17:20
Audience Q&A		17:20 – 17:35
Closing Remarks		17:35 – 17:40