

CARBONX COURSE OFFERINGS



CarbonX Global



Xccelerate

ESG AROUND THE WORLD

OVERVIEW

A crash course in why ESG matters from a policy and societal perspective. These short workshops cover why ESG is different from sustainability. The focus here shows how Europe and the USA are profiting and making strides by embracing ESG and sustainability principles. This is shown both from trends found in the overall economy but also from individual institutions and companies. Highlights would include multiple studies showing that, on average, investments into ESG and sustainability lead to oversized returns on investment.

TOPICS

- Why sustainability and ESG matters
- Size of ESG market
- ESG in Europe
- ESG in the USA
- ESG in China
- The monetary incentives for ESG investment

THE TRANSITION TO HYDROGEN

OVERVIEW

A talk focusing on the potential role of hydrogen and natural gas within the shipping industry in the near future. This also covers the potential role of hydrogen in Hong Kong's energy makeup and how this will affect shipping both globally and in the APAC region. The talk will also cover the different production methods of hydrogen and the differences between green, blue, grey, and yellow hydrogen in terms of production and associated emissions. Also covered is the likely source of hydrogen for the Hong Kong market and how this will affect the maritime industry in Hong Kong.

TOPICS

- Current role of hydrogen in Hong Kong
- The current production methods of hydrogen
- How hydrogen could be used in shipping
- Where Hong Kong will get its hydrogen
- How this will affect the shipping industry

CARBON MARKETS AND TAXES

OVERVIEW

This talk focus on the role of Carbon Markets and Carbon Tax as well as the differences between Voluntary carbon markets, compulsory carbon markets and carbon taxes. Will also offer a comparison for each of the different markets and the evolution of each group. This talk will also offer my personal opinion from the available data on the likelihood of Hong Kong taking part in an integrated Carbon Market alongside the GBA.

TOPICS

- What are Carbon Markets and Carbon Taxes?
- Which countries have Carbon Taxes and markets, and how does it change business?
- How the Carbon Markets will affect your operation?
- How Carbon Markets work in China, the EU, and USA
- The difference between Voluntary Carbon markets, Compulsory Carbon Markets and Carbon taxes.

COP 26, THE IPCC, AND OTHER AGREEMENTS - WHY THEY MATTER?

OVERVIEW

The primary focus here is on international agreements (Paris, Glasgow), the role of the International Panel on Climate Change and what the different temperature predictions likely mean to our society. Further, this talk will also cover the role of monetary and the social cost of carbon including how these values are calculated.

TOPICS

- The role of the IPCC and NDCs and international conferences
- The difference between the monetary and social cost of carbon
- The impact of climate change on business
- How do international climate agreements work and what effect have they had?

ENERGY IN HONG KONG AND MARKET OPPORTUNITY

OVERVIEW

In this talk, we take a lens to the new government plans focusing on the new Climate 2050 plan from the Hong Kong government released in October 2021 and the other accompanying reports issued as a group such as the Hong Kong's waste and transport plan which examines the role of waste to energy and the new energy vehicle revolution. We will also examine how these policies relate to similar topics and roles in Shenzhen and the GPA as a whole.

TOPICS

- Introduction to CLP, Hong Kong Electric and the Scheme of Control and the changes expected
- The role of green bonds in the green revolution?
- EV's and battery tech what's the opportunity? (Government support and
- Hong Kong government funding
- The role of WTE (Waste to energy in Hong Kong)

EXPECTED CHALLENGES WITH THE TRANSITION TO A NET-ZERO WORLD

OVERVIEW

With all these companies and countries speaking about their transition towards net-zero it is important to understand what this actually means and how they expect to meet it. This talk also covers the role Scope 1,2 and 3 emissions will play within the transition and the need for a change in energy systems. Finally we will examine case studies of different companies on how the entire process will likely work and the current trends and work already being done.

TOPICS

- What is net zero, and what is better than net-zero the goal of net negative?
- The problem with renewables (duck curves, availability, and land issues).
- Scope 1,2 and 3 emissions
- Case study of tech companies with net-zero goals
- Why do we need storage?
- Current projects and ideas CCUS, hydrogen and other technologies
- Deep dive into net-zero in the GBA



ABOUT THE FOUNDER

Sam has spent his entire adult life working on making the world a greener place and has worked with multiple companies and NGO's to do just that.

LEARN MORE ABOUT THE SPECIFICS BY
CONTACTING:
SAM@CARBONXGLOBAL.COM



CarbonX Global

