Zero Carbon Fuels: Ammonia and Hydrogen

DAY 1

What is Zero-Carbon Fuel

What is Embedded Carbon?

Different types of fuels and their actual embedded carbon

Different types of emissions when dealing with fuels

Zero Carbon Fuel

Hydrogen and Ammonia Production

DAY 2

Hydrogen as Fuel and its Requirements

Hydrogen as Fuel

Advantage and limitations of Hydrogen as fuel

Required Infrastructure

How to make this shift?

Requirements and Barriers

DAY 3

Green Source of Fuel

Why green source of fuel?

Hydrogen and Ammonia is carbon-free?

Same hydrogen and ammonia but different levels of Carbon Emission

The simple way to reduce the carbon emission

Carbon-free Fuel in Manufacturing

DAY 4

Sustainable Solutions for Shift

What are the requirements for this shift?

Does it need big investment and big change?

New opportunities and limitations

Is there any other approach for using Hydrogen as fuel?

Which methods are better?

DAY 5

Case Studies and Implementation

How have they done this shift?

How much economic gain?

Lessons we learn from success cases

Is this a necessary shift?

Is this approach a good choice for us?