EQ presents 3 days training on

THE INVESTMENT CASE FOR HYDROGEN IN THE EMERGING HYDROGEN ECONOMY

on 20, 21& 22 July 2021 | IST 05:30 PM to 08:30 PM

Trainer **Mr. Tim Podesta**

Webinar on same topic

on 23 July 2021 | IST 07:00 PM to 09:00 PM

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ABOUT TRAINER

Tim is a subject matter expert in project management; with particular interest in business/investment analysis, front end planning, benchmarking and assurance. He has deep experience of the oil, gas and petrochemicals industry. Tim has a track record of delivering cross cultural programmes in change management and process improvement. He celebrated 35 years with BP in 2016. In his last role with BP Tim led the back office for a major global corporate programme in the matter of safe and reliable operations which made significant improvements to operating performance across the group. Tim is an active member of PMI and the UK Chapter; he has presented at PMI Synergy and other Local Events. He is a member of PMI Toastmasters which meets twice a month in London. Tim is an experienced facilitator of live events and can work in English and French. He has strengths in facilitation and building rapport in multi-cultural environments using accomplished language skills. He is also a qualified Professional Toastmaster and Associate of the NAT (National Association of Toastmasters)

COURSE FEE

₹10,000 *(18% IGST extra)*

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Trainer **Mr. Tim Podesta**

ABOUT COURSE

This course is intended for those seeking a time-effective, wide-ranging and independent perspective on the investment case for opportunities within the rapidly growing market for hydrogen. You will leave with a clearly explained, business-focused perspective on hydrogen investment opportunities. Over three information-packed sessions, this online course will provide attendees with a solid grounding in shaping and presenting an investment case for hydrogen taking account of the business context covering, technology, commercial, political and organisational issues. The fundamentals of investment analysis will be explained and will be illustrated using practical stories and a basic economic evaluation model. The market opportunities and differing approaches and challenges to delivering hydrogen projects will be discussed with reference to project examples and hands on examination using a basic investment model.

Course Benefits

- Gain a clearer value based understanding of hydrogen market opportunities
- Clear explanations of economic value, metrics and investment analysis (in language accessible to technical and business people)
- Discover the key project shaping and assessment issues for hydrogen projects
- Understand the key variables and assumptions that impact the investment case for solar power (illustrated using a basic investment model in Excel)
- Takeaway a raised understanding of your investment case with the capability of de-veloping further for your specific context.

Part 1: Context (shaping the investment case)

Technical context

- Technology risk in solar power processes
- Operating requirements for solar
- Efficiency, equipment life and other factors

Commercial context

- End-to-end value chain considerations, including options for transporting power
- Competitive and market entry considerations
- Options to enhance revenue and share costs - scaling and multiple business streams

Political context

- Hydrogen targets and specific supports:
- Government policy and regulatory provisions
- Planning permission and local stakeholder support

Organizational context

- Strategic alignment
- Project governance process, front end planning and project delivery capability
- Project development considerations; including location, access to land, infrastructure connectivity

Part 2: Fundamentals of Investment Analysis - (choosing the right Investment Case)

Understanding economic analysis

- Introduction to the key economic indicators NPV, IRR, Payback and Capital Efficiency;
- How they are calculated and their use in investment case approval.

Focusing on the assumptions - Using a 'SCORE' model for assumptions - based on the presenters subject matter expertise of preparing and presenting investment cases

- Sanctioning the project - The final investment decision point
- Capex - The estimated capital costs of the project
- Operating Start-up - The plans for making the project operational
- Revenue - The expected net income stream for the project
- Endurance - The anticipated lifetime of the project

Other considerations

- Assessing less tangible and intangible benefits
- Sensitivity and scenario analysis, and identifying the competitive advantage
- Financing options- corporate, investment partners or banks
- Government and regulatory factors - grants, revenue support and investment vehicles.

Part 3 : Practical Example - (preparing and presenting the Investment Case)

Creating an investment model

- Step by step creation of a basic investment model for a solar power project,
- Develop on a simple excel template a worked example
- Adapting the model for specific technical, business and organizational contexts

Preparing the investment analysis

- Adaption of the basic investment model for a variety of purposes; to cover financing alter-natives; to cover regulatory requirements - tax incentives and grants.;
- Test competitiveness by assessing the competitive advantage versus the alternatives and competitors.
- Scenario and sensitivity analysis as part of assessing options and risk.

Presenting the investment case

- Presenting the investment case for executive approval as part of the organisations project and investment governance process.
- Assuring the quality of the investment case - what does a good funding request look like?

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EQ Presents Webinar on

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KEY DISCUSSION POINTS

- Opportunity and scale of the Investment case of Hydrogen in emerging hydrogen economy.
- Key cost and technological gaps.
- Economic value, metrics and investment analysis .
- Project shaping and assessment issues for hydrogen projects.
- Key variables and assumptions that impact the investment case for solar power.
- Options to enhance revenue and share costs - scaling and multiple business streams.
- Key economic indicators NPV, IRR, Payback and Capital Efficiency.
- Assessing less tangible and intangible benefits.
- Sensitivity and scenario analysis, and identifying the competitive advantage.
- Financing options- corporate, investment partners or banks.
- Government and regulatory factors - grants, revenue support and investment vehicles.
- Basic investment model for a solar power project.
- Scenario and sensitivity analysis as part of assessing options and risk.
- The investment case for executive approval as part of the organizations.
- Project and in-vestment governance process.