

PROJECT MANAGEMENT TECHNICAL DIVISION

WEBINAR TALK ON

# AN INTRODUCTION TO FINANCIAL MODELLING FOR RENEWABLE ENERGY PROJECTS

**SPEAKER :**

**Ir. NOOR IZIDDIN ABDULLAH GHAZALI**

**DATE : 11 MARCH 2023 (SATURDAY)**

**TIME : 11.30AM - 1.30PM**

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# SYNOPSIS

The most optimistic goal outlined in the Paris Agreement, limiting temperature rise to 1.5C by the end of the century can substantially reduce the effects of climate change. The main solution to climate change is to reduce carbon emissions by controlling the energy supply and demand for energy from fossil fuels.

This talk is to inform the engineers efficiently create and evaluate financial models for the clean energy industry. The talk covers the basics of clean energy and the importance of carbon emissions related to financial models for various clean energy projects so that you may assess the risk against the return of funding and investing in RE projects.



## SPEAKER'S PROFILE

**Ir. Noor Iziddin Abdullah Bin Ghazali** has more than 18 years of technical and leadership roles in the following industries: semiconductor, property, data center & telecom. He previously led sustainability energy programs at 22 government hospitals. Initially in a semiconductor with Spansion then MIMOS. Subsequently to data center development at Cyberjaya for Google, Deutsche Bank, TM, NTT, Petronas, and BMW. Then attach to Mesiniaga as Project Manager for Cisco network implementations at Petronas.

Next with Putrajaya Holdings for the development of green buildings. After that as Electrical Manager at Sunway Property overseeing the M&E projects. Later with edotco (Axiata) as the Regional Head overseeing energy projects in Malaysia, Bangladesh, Sri Lanka, Myanmar, Pakistan & Cambodia using a remote energy monitoring system. Then as Program Manager 4G/LTE modernization with Huawei & Ericsson. Subsequently as the Dean, of Engineering Faculty at UNIMY before joining Medivest as the Head of the Sustainable Energy Program.

Before this managing a clean energy supply & demand (electricity, fuel & water) portfolio at Westports Holdings. Followed by setting up a solar energy & energy storage subsidiary at Worldwide Holdings Berhad. Currently as the Senior Energy Advisor at Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH from the German agency for Kuala Lumpur city authority. The current focus will be on Energy Efficiency (EE) and Renewable Energy (RE) project implementation (planning and execution) for the overall Kuala Lumpur city is to be benchmarked with a few dozen megacities around the world in terms of climate change and sustainability. With more than two dozen locations around KL city to implement this clean energy project simultaneously including potential district

cooling. As the energy advisor and project management consultant in the clean energy sector. Ir. Noor Iziddin Abdullah Bin Haji Ghazali carries out work related to low carbon activities in supporting UN SDG and ESG agenda based on Kuala Lumpur Climate Action Plan (KL CAP 2050) & Dasar Tenaga Negara (DTN) 2022-2040 besides Malaysia Renewable Energy Roadmap (MyRER).