

## LIQUEFIED NATURAL GAS MARKET & FUNDAMENTALS



Learn from an international financial and economic consultant, trainer and lecturer.

### INTRODUCTION

This course provides the participants an understanding of the LNG energy industry from mature markets, the market dynamics, value chain and the practical approaches to business and commercial project development.

Learn from this on-line interactive class coupled with exercises where teams will be “competing” to present a commercially attractive and solidly structured LNG deal in the region.

### PROGRAM OBJECTIVES

At the end of the session, the participants will be able to:

- Explain the fundamentals of LNG, its relevance to current market, and business characteristics
- Discuss how the sector is structured and operates as a business
- Examine the components and practical workings of the industry including value chain
- Identify the considerations for its future market directions

### WHO SHOULD ATTEND?

- Corporate strategy and energy professionals
- Legal, accounting, and other support service providers
- Investment and finance professionals
- Policy makers, civil society, and related media

**PROGRAM OUTLINE**  
**2 days (ONLINE)**  
**November 22-23, 2021**

**MODULE 1: HOW IT ALL WORKS - A STEP BY STEP THROUGH THE BUSINESS OF LNG**

- Overview of the Natural Gas Sector and the LNG Industry
- Framework of the Energy Landscape and Industry
- Technical Basis and Value Chain
- Walkthrough of the Business Value Chain
- Fundamentals of Project Development, Finance and LNG - a look at the basics of the industry including the infrastructure, logistics, market, supply, and others
- LNG supply chain business
- Relevant commercial and regulatory policies
- Other considerations (ex. Import vs. export)

*Home Exercise: "Make Your Own Project" - Part I. This exercise is intended as a "hands on" effort to target successful project parameters and market role. Objective is to try to build a simple business plan for the Philippines case. Depending on the size of class, if possible, it would be done in smaller collaborative teams in friendly competition.*

**MODULE 2: SECTOR "NUTS & BOLTS"**

- Gas Fields and Markets; Transport of Gas
- Pipelines and Delivery Considerations
- Baseload Liquefaction Plant
- LNG Shipping Industry
- Support Functional Units
- Major Equipment and Consideration
- Offshore Application
- Safety, Security and Environmental Issues
- Transport Energy Landscape
- Transport Fuels and LNG
- Non-Conventional LNG

*Home Exercise: Make Your Own Project - part 2 (refining the design and value proposition).*

**MODULE 3: SECTOR TRENDS, CURRENT & EMERGING BUSINESS IN LNG**

- LNG Industry, Globally and in Asia
- Macro Trends in the business of LNG
- Downstream industries and opportunities for LNG
- Practical Impact on businesses - Covid
- Paris Climate Accords, and current market trends

*Presentation by the teams, review and discussion of the project plans.*

---

## ABOUT THE EXPERT SPEAKER



**Mr. William Byun** is a co-founder of the Asia Renewables (AR) Group, an Asia based renewable energy boutique specializing in the project development and early stage investment and ownership of renewable energy assets in Asian emerging markets.

He also heads AR's sister company, Greenpower Fuels, which utilizes its Asian project development expertise in the sectors of biomass fuel logistics and pioneering new algae bioenergy platforms in ASEAN.

Mr. Byun has over 25 years of experience in infrastructure and investments across Asia, across sectors from upstream and downstream, electric power generation, and carbon offsets.

Mr. Byun is also the Principal of Conchubar Capital Management with USD100 Million invested into the upstream petrochemicals sector in Singapore. Previously, he was Managing Director in charge of Renewables and for Climate Change for the Asia & Middle East at AES Corporation and Principal of Byun & Co. an investment firm specializing related infrastructure projects and a pioneer of the carbon industry in Asia.

Aside from these, he served as an advisor to various Governments in Asia, was the first U.S. Fullbright Scholar to the Ministry of Finance in Korea (to the Office for Financial Systems Reform) and served with US OPIC.

On his academic achievements, Mr. Byun received his degrees in economics, law, finance, and sociology from the University of Chicago, the University of Michigan, and the University of London (LSE and SOAS) respectively.

He is also a member of the New York Bar having practiced in international finance and investment law in New York, Tokyo, Seoul, and Jakarta

## LEARNING INVESTMENT

This course is best taken with **Renewable Energy Contracting & Considerations** (Nov 24-26)

Link to the brochure: [bit.ly/RECC1121](https://bit.ly/RECC1121)

**PHP 20,000**

*If you will only take LNG  
Market & Fundamentals*

**PHP 30,000**

*If you will only take RE  
Contracting & Considerations*

**PHP 35,000**

*If you take both courses*

**Save PHP 15,000!**

To enroll, please click this [link](#) or email [learn@meralcopoweracademy.org](mailto:learn@meralcopoweracademy.org).

After sending your enrollment request, please expect a reply from us within 24 hours containing the payment process and other reminders.

You may also contact us at +639608674624 if you need further assistance.