

# Nuzulul Haq

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## ADDRESS

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## HOME PHONE

(62-21) 4680-2887

## Expertise

- 20 years of Natural Resource Industry experiences
- Strong business plan and project economics experiences
- Experienced asset portfolio and risk analysis within the natural resource industries
- Project Economics Consultant for reputable companies (PGN, World Bank) and involved in several acquisition projects (Freeport, Martabe gold mine)
- Active as a trainer for petroleum/mining economics course

## Education

- 2000 – 2001: Master in Financial Management - University of Indonesia
- 1991-1996: Bachelor of Metallurgy Engineering – Mining Department – Institute of Technology Bandung

## Professional Qualification

- Professional Financial Modeler (PFM) holder from International Financial Modeling Institute (IFMI)
- Certified Risk Analyst (CRA) holder from American Academy of Financial Management (AAFM)
- Head of Mineral Economics Group – PERHAPI (2018 -2021)

## Experiences

### ❖ 2018 - present

#### Independent Consultant

- Short term Consultant in Business Investment Group - PT PGN Tbk for assisting in economics review of some business initiatives such as upstream, FSRU and gas distribution, review on SOP of business & partnership scheme, review on project economics guidelines (Oct – Dec 2021)
- Short term Consultant in World Bank-Jakarta for Economic modeling and Fiscal regime project (Feb – Dec 2019)
- Team Leader of contextual report of Extractive Industry Transparency Initiative (EITI) - Coordinating Ministry for Economic Affairs (2018 and 2019)
- Associate of Tura Consulting for Study of The Role of Mineral Sector to support growth of renewables in Indonesia (World Bank project -2019)
- Associate of PEC Consulting for Market Due Diligence for Indonesian Hydropower Assets in Sulawesi and Sumatera region (2020).
- Economic and Financial Analyst for feasibility study projects in PT Bukit Asam, etc.
- Economic analyst for acquisition projects such as Inalum for 51% share freeport (2018), Pamapersada for 95% share Martabe gold mine (2018)

### ❖ 2015 - 2017

#### Planning and Investment Manager

MEDCO ENERGI INTERNASIONAL – Jakarta



MEDCOENERGI

- Perform peer review on investment initiatives from subsidiaries and ensure that the process follows the corporate Investment guidelines
- Conduct market analysis on price assumption and discount rates proposal for annual corporate investment guidelines requirement
- Perform the analysis of business models and economics of ad hock projects such as acquisition projects of Newmont Gold Indonesia, Chevron geothermal Indonesia.
- Involved in monitoring the economics and risk analysis review for major projects under Corporate pipeline

### ❖ 2011 - 2014

#### Business Evaluation Manager

MEDCO ENERGI INTERNASIONAL – Jakarta



MEDCOENERGI

- conduct the analysis and provide overall corporate business portfolios performance indicator (E&P, Midstream & Downstream businesses) for the Investment and Divestment options
- ensuring the implementation of enterprise risk management at all level in the corporate, and execute M&A transactions from Due Diligence, tailoring the transaction agreements, and closing the transaction to coordinating cross resources functions for strategic plan, Due diligence, valuation, and financing of the M&A transactions.
- Coordinate Corporate Function under Headquarter to provide support to management decision making and execute on potential acquisitions, investments, and divestments project.
- Lead to implement and improve the Investment/Divestment system and process



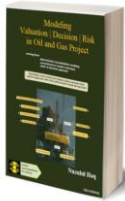
# Personal Achievement

## Conference Presentation

- 2nd Asian Conference of the International Association for Energy Economics, Perth, Australia (2008)
- 29th International Association for Energy Economics (IAEE) Conference, Berlin (2006)
- 6th International Association For Energy Economics (IAEE) European Conference, Zurich – Switzerland (2004)

## Book Author

- Modeling Valuation Risk and Decision in Process Industry Projects (2021)
- Modeling Valuation & Financing in Renewable Projects (2020)
- Modeling Valuation Decision and Risk in Mining Projects (2018)
- Modeling Valuation Decision and Risk in Oil and Gas Projects (2017)
- A New Era of Project Economics from conventional to modern (2009)



## Experiences

### ❖ 2008 - 2010

#### Senior New Business Analyst

MEDCO ENERGI INTERNASIONAL – Jakarta



MEDCOENERGI

- Development of the new non-core businesses within Medco Energi group and to nurture its development and operation to pass the incubating stage until the new businesses are financially independent:
  - CBM (Coalbed Methane) - PT Medco Energi CBM Indonesia,
  - Gas transportation - PT Medco Gas Indonesia
  - Coal Mining - PT Medco Energi Mining Internasional
  - E&P exploration technologies, and renewable energy - PT MIR and PT SVI
- The tasks consists of aligning new business opportunities to corporate strategy, forming sound business plan, 3rd party contracts approval, budget approval, economic & valuation, monitoring and advising the day-to-day development process.

### ❖ 2002 - 2008

#### Strategic Planning Analyst

MEDCO E&P Indonesia – Jakarta



MEDCOENERGI  
Oil & Gas

- Set up Business Plan and Economic/Financial model for oil & gas project
- Assist Asset Managers on design Business Plan and Operating their asset in effective manner
- Risk analyzing for the proposes company's investment strategy and portfolio
- Project valuation experience with DCF, Monte Carlo, Decision Tree and Real Option Valuation
- Provide monthly report of oil price forecast using econometric model
- Controlling and reviewing company's performance report actual versus budget
- Ensure efficient use of allocated budget on each project
- Involved in several acquisition/divestiture asset and Financing Project.
- Involved in several negotiations for gas commercialization project.
- Involved in US Tax Project to mitigate foreign tax liabilities

### ❖ 1999 - 2000

#### Process Engineer

NUSA HALMAHERA MINERALS – North Maluku



- All metallurgical facets in commissioning stage of the processing plant
- Set up material balance calculation for daily production report
- Involved in process engineering issues after commissioning stage

### ❖ 1997 - 1999

#### Metallurgist

NEWMONT MINAHASA RAYA – North Sulawesi



- conduct optimization study to improve a performance of process plant through laboratory test work, plant trial and plant commissioning
- supervise production report and establish spreadsheet for material balance

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