

# Role of Natural Gas in the Energy Transition: ~~P~~erspectives from a Developing Economy

[30 March 2023]

A photograph of several offshore wind turbines in the ocean at sunset. The sky is a mix of orange, pink, and blue, with some clouds. The water is calm, reflecting the sky. The turbines are dark silhouettes against the bright sky.

FRASERS  
LAW COMPANY

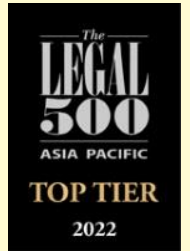
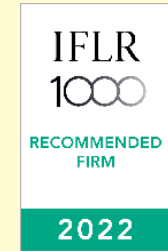
# Core Practice Areas

## Core Practice Areas

- Banking and Finance
- Corporate and Commercial
- Corporate Fraud
- ESG (Environmental, Social and Governance)
- Capital Markets
- Competition and Antitrust
- Dispute Resolution
- Employment
- Insurance
- Intellectual Property
- International Trade
- Investigations
- Mergers and Acquisitions
- Project Finance
- Projects and Energy
- Real Estate
- Regulatory Compliance
- Restructuring and Insolvency
- Tax
- Technology, Media and Telecommunications

## Key Industry Sectors

- Banking and Finance
- Capital Markets and Securities
- Education
- Employment and Human Resources
- Equitisations
- FMCG
- Healthcare and Pharmaceuticals
- Investment Funds
- Insurance
- IT, Media and Telecoms
- Manufacturing
- Energy
- Projects and Infrastructure
- Real Estate and Construction
- Retail
- Transportation and Logistics
- Travel, Hospitality and Tourism



# Firm Recognition

## The Legal 500 2022

Fraser's Law Company is honoured to be once again recognised by The Legal 500 as being a Top Tier firm and is ranked in every possible practice area in Vietnam including:

- Banking and Finance
- Capital Markets
- Corporate M&A
- Data Protection
- Dispute Resolution
- Insurance
- Intellectual Property
- Labour and Employment
- Projects and Energy
- Real Estate and Construction
- Shipping and Aviation
- Tax
- TMT



Fraser's Law Company has more practising 'Hall of Fame' lawyers (as determined by The Legal 500) than any other law firm in Vietnam.

## Asialaw Profiles 2022

Fraser's is also pleased to share its impressive performance in the 27<sup>th</sup> Edition of *Asialaw Profiles 2022* – The Guide to the Asia-Pacific's Leading Law Firms.

In 2021, our firm received the award for Asialaw Client Service Excellence Law Firm of the Year Vietnam in the following practice areas:

- Banking and Finance
- Construction
- Corporate and M&A
- Energy
- Labour and Employment



Our Founding Managing Partner Mark Fraser was awarded Asialaw's "Client Service Excellence Lawyer of the Year – Vietnam" in 2020.

# Firm Recognition

## Chambers Asia Pacific 2023

The publication has ranked Frasers Law Company in numerous practice areas, especially in the following:

- Banking and Finance
- Corporate M&A
- Dispute Resolution: International Arbitration
- Intellectual Property
- Projects, Infrastructure and Energy
- Tax



## IFLR1000 2022

We are repeatedly ranked among the leading law firms in Vietnam in the IFLR1000 guide in the following practice areas:

- Banking and Finance
- Capital Markets: Debt
- Capital Markets: Equity
- Corporate M&A
- Project Development



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including:**

- Banking and Finance
- Capital Markets
- Corporate and M&A
- Data Protection
- Dispute Resolution: Arbitration
- Insurance
- Intellectual Property
- Labour and Employment
- Projects and Energy
- Real Estate and Construction
- Shipping and Aviation
- Tax
- Technology, Media and Telecoms



When we heard that we'd made the 'Hall of Fame', we thought we'd knocked it out of the park!

According to The Legal 500, Frasers Law Company has more 'Hall of Fame' lawyers than any other law firm in Vietnam



## AGENDA

Energy Market Overview

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Investment Opportunities

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“Green” Ports and Maritime Transport

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UN Regional Commission Projects  
in Vietnam

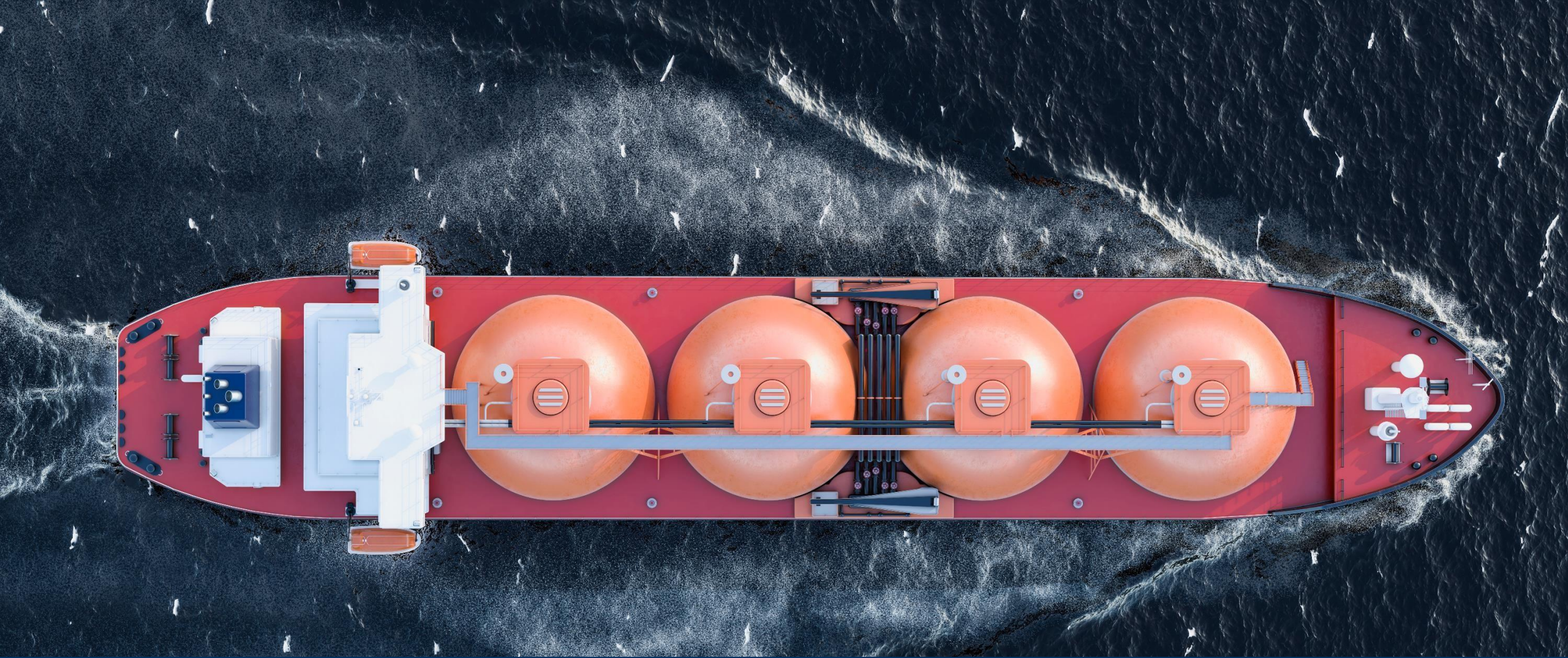
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Possibility of New Energy Sources

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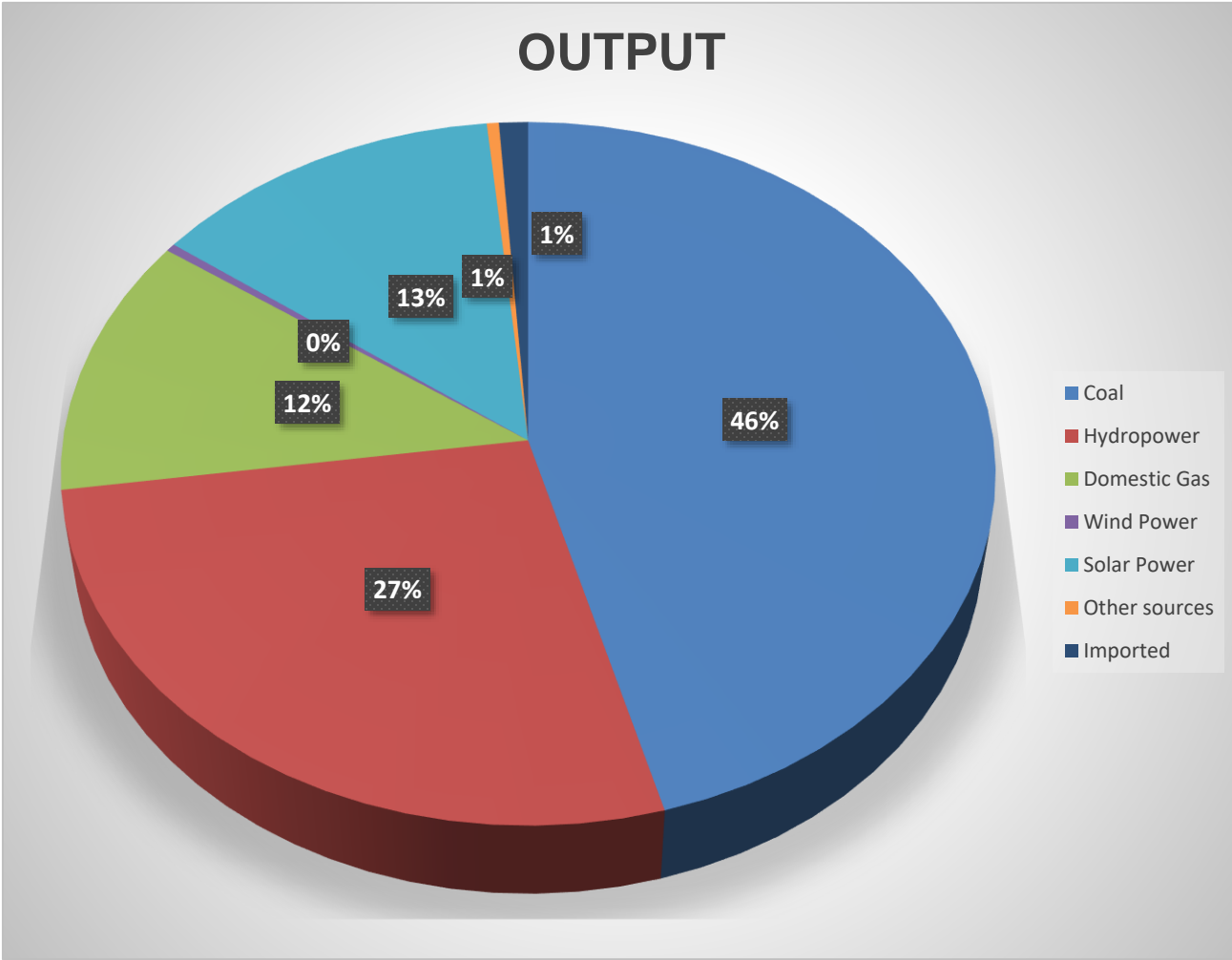
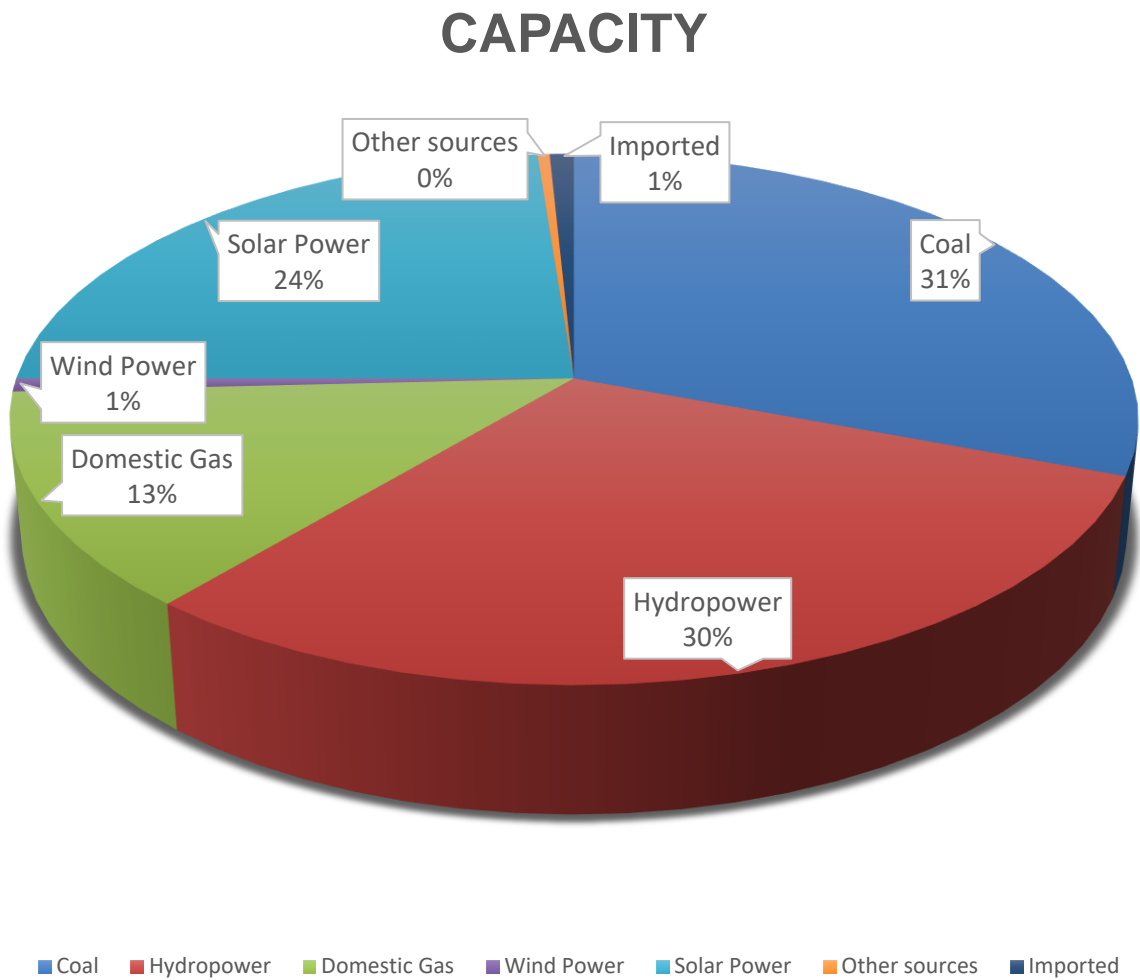
What's Next?

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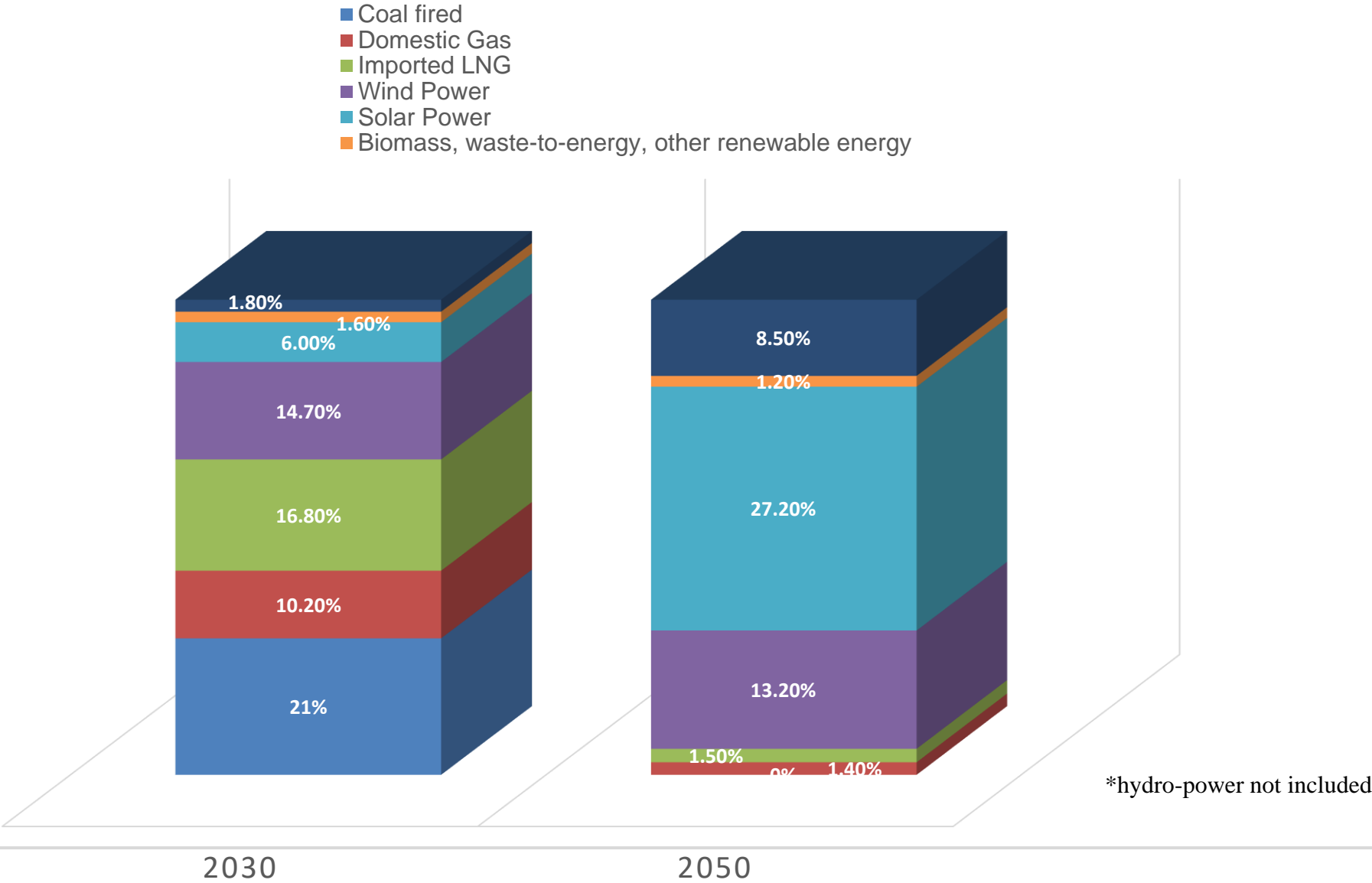


# Energy Market Overview

# Energy Market Overview



# PROPOSED VIETNAM ENERGY PROFILE BY 2050



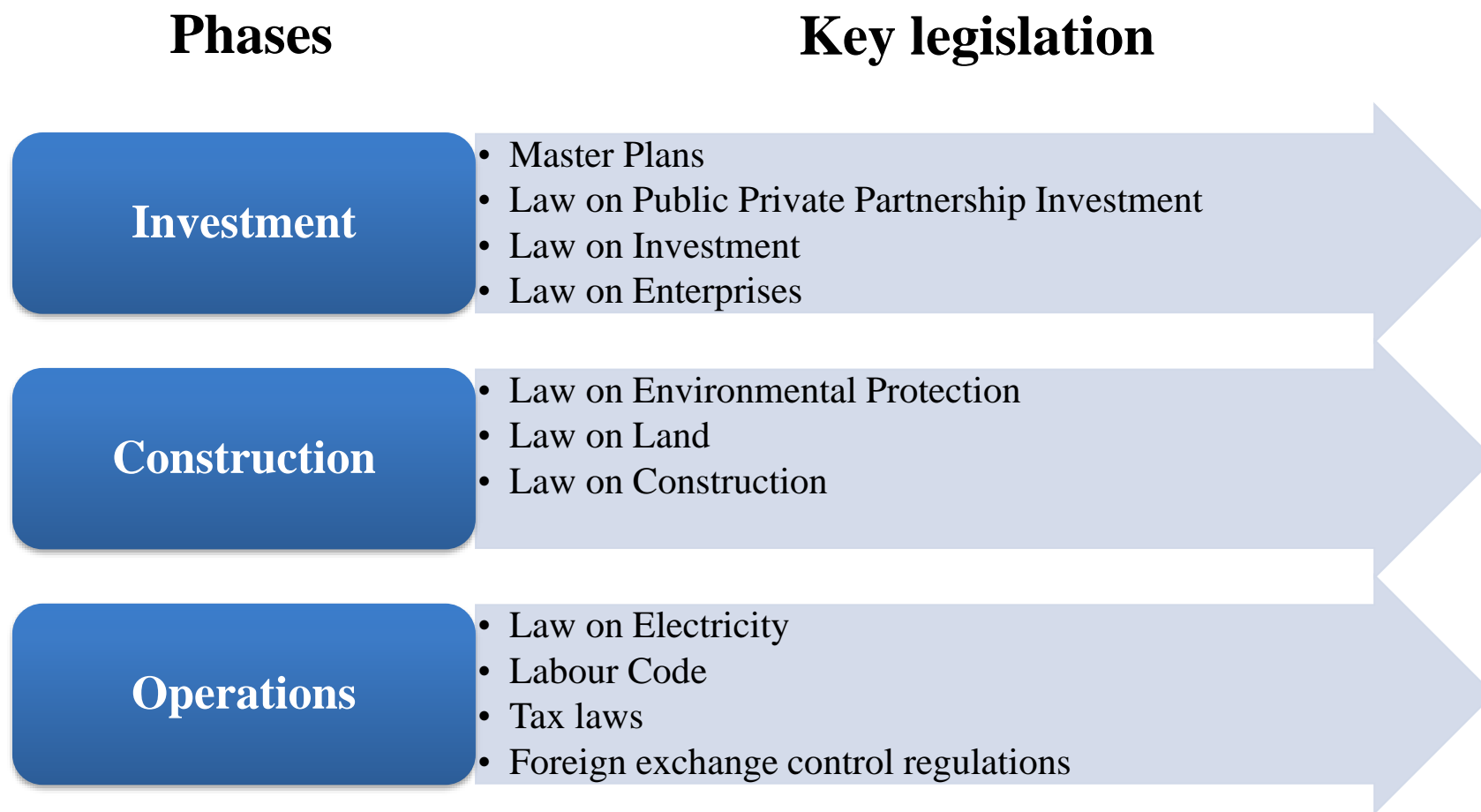


# Investment Opportunities

# LNG Projects in DRAFT PDP VIII

- Gas-fired power projects (including LNG-to-power): 24.9% - 27% of the country's energy mix by 2030.
- 16 LNG projects in total
  - 11 projects in the revised PDP VII, and
  - 5 new projects in the Draft PDP VIII (2 new LNG projects and 3 projects shifting from coal-fired to LNG).
- 2 LNG-to-power projects (1,500 MW each) (to be put in COD before 2030): Ca Na, Long Son pending selection of investors.

# Legal Framework for Greenfield Investment in LNG-to-Power Sector



# Legal Framework for Private Acquisition of LNG-to-Power Projects

## Key procedures

## Circumstances triggering such procedures

### Acquisition Approval

- If there is an increase of foreign ownership exceeding 50% of the charter capital; or
- The project is located in areas deemed "sensitive" to national security.

### Enterprise Registration Certificate Amendment

- The project company is incorporated in a form of a limited liability company; or
- There is any change to the registered enterprise information (e.g. legal representative, company name).

### Investment Registration Certificate / Investment Policy Decision/ Amendment

- There is any change to the particulars of the project; or
- There is any change to the information of the investor.

### BOT Contract Amendment

- The project has been developed on a BOT-basis; and
- BOT Contract contains a provision that requires an amendment.



# “Green” Port and Maritime Transport

# “Green” Ports in Vietnam



Tan Cang – Cai Mep International Terminal  
(Ba Ria – Vung Tau, Vietnam)



Tan Cang Cat Lai Terminal  
(Ho Chi Minh City, Vietnam)

# Roadmap to “Green” Ports in Vietnam

2021-2025

- Issuing Technical Regulation on Vietnam Greenport Criteria
- Implementing green ports pilot scheme
- Encouraging the implementation of Green Ports Project
- Proposing to amend master plan to comply with Green Ports Project

2025-2030

- Issuing Technical National Standard on Vietnam Greenport Criteria
- Implementing the voluntary application of the National Standard
- Amending relevant regulations to comply with Green Ports Project
- Assessing the result of the Green Ports Project

2030  
onwards

- Compulsory application of the Green Port Criteria in master planning, investment, construction of ports in Vietnam

# Role of Gas in “Green” Ports



- Draft Technical Regulation on Vietnam Greenport Criteria.
- At least 15% clean energy (e.g., renewables, LNG, hydro, ammonia) to be used in transportation, port operation, maritime transport.
- Implementing measures/policy to motivate and incentivize the use of clean energy



# UN Regional Commission Projects in Vietnam

# Energy Transition Projects

**Catalysing a Sustainable Shift towards E-mobility by enhancing the ecosystem for E-mobility and green transportation development at national level and in Hue city**



☐ Location: Thua Thien Hue

☐ Agency: United Nations Development Programme

☐ Implementing Partner: Viet Nam Ministry of Transport

☐ Start Date: 23 March 2022

☐ End Date: 22 March 2023

**Sustainable Cooling Solutions for Cities**



☐ Location: Can Tho City and Tam Ky (Quang Nam Province)

☐ Agency: United Nations Environment Programme

☐ Implementing Partner: Vietnam Department of Climate change of MONRE

☐ Start Date: 1 January 2022

☐ End Date: 31 December 2024



# Development of “New” Energy Sources

# Proposed Development of New Energy

TYPE OF ENERGY	2025	2030	2035	2040	2045	2050
<b>Total national demand</b>	<b>61,357</b>	<b>93,343</b>	<b>128,791</b>	<b>162,904</b>	<b>189,817</b>	<b>209,332</b>
Coal-fired with biomass/ammonia	0	0	6,990	14,790	18,642	0
Coal-fired fully converted into biomass/ammonia	0	0	0	0	6,990	31,832
Domestic gas fired fully converted into hydrogen	0	0	0	0	7,030	7,030
LNG-to-power with hydrogen	0	0	3,500	18,500	28,500	13,500
LNG fully converted into hydrogen	0	0	0	0	3,500	18,500
Biomass and other renewables	980	1,230	3,290	4,960	5,210	6,015

\*Unit: MW

# What's next?

Approval of PDP VIII

Development of legal  
framework for renewable  
energy

Amendment to the national  
master plan and its relevant  
sectors master plan

Development of incentive  
programs to attract private  
investment



Thank You!

# FRASERS

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