

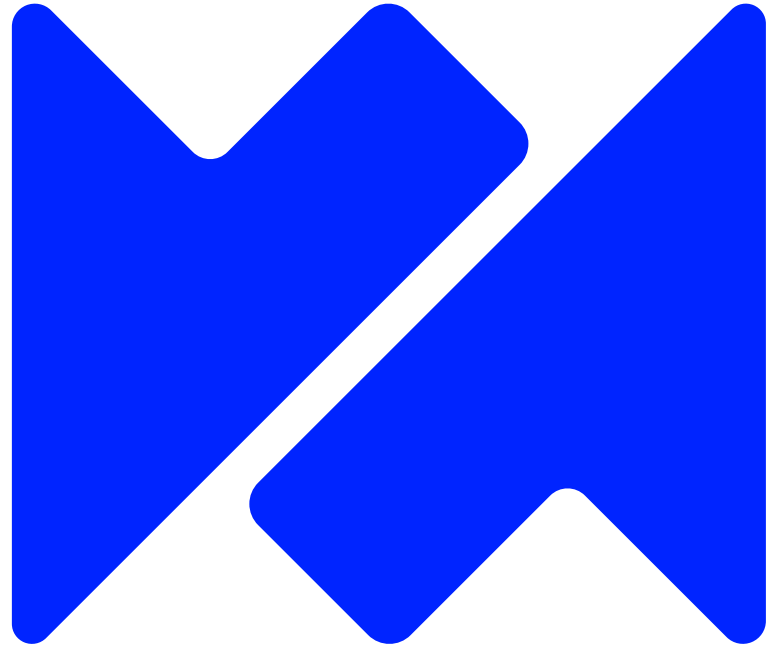


**PETRONAS**

# coverage overview

Wood Mackenzie Core

2024



# PETRONAS current subscription supporting the energy transition across all three business pillars

## Upstream

## Transition

## Growth

### Upstream



#### Unconventionals

Explore the potential of key producing plays in the US and beyond.



#### Upstream

Data and insights spanning from geology through producing assets to Company performance.



#### Gas & LNG

Understand global gas market fundamentals, dynamics and disruptive trends with complete analysis of the entire gas and LNG value chain.



#### Chemicals

Expert analysis and proprietary tools for a range of olefins, aromatics and polymers.



#### Oil and Refining

Gain a complete view of the global forces impacting oil and NGL markets.



#### Renewables

Integrated power, solar, wind, storage and grid edge market intelligence services.



#### Power

Understand how transformative technologies are affecting power markets.



#### Metals & Mining

Identify opportunities, mitigate risks and anticipate challenges along the metals and coal value chains.



#### Energy Transition

Quantify how demand, supply and net trade will evolve as the global energy balance shifts.



#### Emissions

Inform strategic decisions regarding emissions risk management via competitive benchmarking, portfolio analysis and economic impact assessment.



#### Corporate Analysis

Independent and expert view on the performance, strategy and future potential of companies.



#### Lens

Empowers organisations to respond efficiently, make better-informed financial decisions, evaluate investment strategies to improve performance, and remain resilient.

# Upstream and Carbon Management

Click on product links for more information.

UPSTREAM	INCLUDED	NOT INCLUDED
<a href="#">Upstream Oil &amp; Gas Service Limited to 10 Regions</a>	●	
<a href="#">Global Economic Model Global (GEM)</a>	●	
<a href="#">Lens Upstream</a>	●	
<a href="#">Lens Subsurface</a>		●
<a href="#">Lens Carbon</a>	●	
<a href="#">Emissions Benchmarking Tool &amp; Report – Upstream</a>		●

UNCONVENTIONALS	INCLUDED	NOT INCLUDED
<a href="#">Unconventional Play Service – Global</a>	●	
<a href="#">Lens Lower 48</a>		●
<a href="#">North America Company and Play Analysis Tool (NACPAT)</a>		●

FISCAL	INCLUDED	NOT INCLUDED
<a href="#">Fiscal Service</a>	●	

EXPLORATION	INCLUDED	NOT INCLUDED
<a href="#">Exploration Service – Global Basins</a>	●	

CORPORATE	INCLUDED	NOT INCLUDED
<a href="#">Corporate Strategy and Analytics Service – All Companies</a>		●
<a href="#">M&amp;A Service – Global</a>		●

UPSTREAM SUPPLY CHAIN	INCLUDED	NOT INCLUDED
<a href="#">Upstream Supply Chain Package Marine Construction Service</a>		●
<a href="#">Upstream Supply Chain Package Subsea Market Service</a>		●
<a href="#">Upstream Supply Chain Package Offshore Drilling &amp; Rig Service (Offshore Energy)</a>		●
<a href="#">Upstream Supply Chain Package Offshore Production Systems Service</a>		●
<a href="#">Upstream Supply Chain Package Offshore Shipyard Service</a>		●
<a href="#">Upstream Supply Chain Package Vessel Cost Model</a>		●
<a href="#">Upstream Supply Chain Package SURF Service</a>		●
<a href="#">Global Project Tracker</a>		●

CURATED SERVICE	INCLUDED	NOT INCLUDED
<a href="#">Energy Curated Service</a>		●

# Gas & LNG

Click on product links for more information.

GAS	INCLUDED	NOT INCLUDED
<a href="#">Global Gas Service</a>	●	
<a href="#">Global Gas Tool - Next Generation</a>	●	
<a href="#">Global Gas Model – Next Generation</a>	●	
<a href="#">North America Gas Service &amp; Tool</a>	●	
<a href="#">European Energy Service</a>	●	
<a href="#">China Gas &amp; Power Service</a>		●
<a href="#">Mexico Gas, Power &amp; Renewables Service</a>		●
<a href="#">Southern Cone Gas, Power &amp; Renewables Service</a>		●
<a href="#">Southeast Asia Gas &amp; Power Service</a>	●	

LNG	INCLUDED	NOT INCLUDED
<a href="#">Lens Gas &amp; LNG</a>	●	
<a href="#">LNG Corporate</a>		●
<a href="#">LNG Service / Tool</a>	●	
<a href="#">Vesseltracker Ship DB</a>		●
<a href="#">Maritime Short-Term Analytics</a>		●
<a href="#">LNG Short-Term Analytics</a>	●	
<a href="#">Global Liquefaction Monitoring Service</a>		●

# Chemicals & Downstream

Click on product links for more information.

CHEMICALS	INCLUDED	NOT INCLUDED
<a href="#">Ethylene Asset Benchmarking Tool (ABT)</a>		●
<a href="#">Ethylene Long-Term</a>		●
<a href="#">Ethylene Short-Term</a>		●
<a href="#">Propylene Asset Benchmarking Tool (ABT)</a>		●
<a href="#">Propylene Long-Term</a>		●
<a href="#">Propylene Short-Term</a>		●
<a href="#">Butadiene Long-Term</a>		●
<a href="#">Methanol Long-Term</a>		●
<a href="#">Polyethylene Asset Benchmarking Tool</a>		●
<a href="#">Polyethylene Long-Term</a>		●
<a href="#">Polyethylene Short-Term</a>		●
<a href="#">Polypropylene Asset Benchmarking Tool (ABT)</a>		●
<a href="#">Polypropylene Long-Term</a>		●
<a href="#">Polypropylene Short-Term</a>		●
<a href="#">Ethylene Oxide &amp; Glycol Asset Benchmarking Tool (ABT)</a>		●
<a href="#">Ethylene Oxide &amp; Glycol Long-Term</a>	●	
<a href="#">Ethylene Oxide &amp; Glycol Short-Term</a>	●	
<a href="#">Benzene Long-Term</a>		●
<a href="#">Benzene &amp; Styrene Short-Term</a>		●
<a href="#">Styrene Asset Benchmarking Tool (ABT)</a>		●
<a href="#">Styrene Long-Term</a>		●
<a href="#">Paraxylene Asset Benchmarking Tool (ABT)</a>		●
<a href="#">Paraxylene &amp; PTA Long-Term</a>	●	
<a href="#">Paraxylene &amp; PTA Short-Term</a>	●	

CHEMICALS	INCLUDED	NOT INCLUDED
<a href="#">Polyester Raw Materials Daily Express</a>	●	
<a href="#">Polyester Raw Materials Short-Term</a>	●	
<a href="#">Polyethylene terephthalate (PET) Packaging Long-Term</a>		●
<a href="#">Polyethylene terephthalate (PET) Packaging Short-Term</a>		●
<a href="#">Recycled Polyethylene terephthalate (RPET) Long-Term</a>		●
<a href="#">Recycled Polyethylene terephthalate (RPET) Short-Term</a>		●
<a href="#">Fibres Short-Term</a>		●
<a href="#">Fibres Long-Term</a>		●
<a href="#">ICASH (Integrated Chemicals &amp; Sustainability Holistic service)</a>		●

DOWNSTREAM	INCLUDED	NOT INCLUDED
<a href="#">Emissions Benchmarking Tool &amp; Report – Downstream</a>		●
<a href="#">Refinery Evaluation Model: Global</a> ( Middle East, Asia, Americas) <b>PETCO</b>	●	
<a href="#">Refinery Evaluation Model – Chemicals: Global</a>		●
<a href="#">Retail Fuels Service</a>		●
<a href="#">Macro Oil Service – Global</a>	●	
<a href="#">Oil Supply Tool - Global</a>	●	
<a href="#">Product Markets Service</a>	●	
<a href="#">PetroPlan</a> <b>PETCO</b>	●	
<a href="#">NGL Service</a>		●
<a href="#">North America Crude Markets Service</a> <b>PETCO</b>	●	
<a href="#">Liquid Renewable Fuel Service</a> <b>PETCO</b>	●	

# Energy, Power & Renewables

Click on product links for more information.

STORAGE/GRID EDGE	INCLUDED	NOT INCLUDED
<a href="#">Grid Edge Service – with data</a>		●
<a href="#">Energy Storage Service - with data</a>		●

WIND	INCLUDED	NOT INCLUDED
<a href="#">Global Wind Markets</a>		●
<a href="#">Wind Supply Chain Service</a>		●
<a href="#">Wind Technology, Systems &amp; Operations Service</a>		●
<a href="#">Offshore Wind Service</a>		●

SOLAR	INCLUDED	NOT INCLUDED
<a href="#">Solar Power PV Technology Systems &amp; Operations Service</a>		●
<a href="#">U.S. Utility Solar Service</a>		●
<a href="#">U.S. Distributed Solar Service</a>		●
<a href="#">Global Solar Markets Service</a>		●
<a href="#">Solar Module Supply Chain Service</a>		●
<a href="#">US Solar Market Insight</a>		●

POWER	INCLUDED	NOT INCLUDED
<a href="#">Lens Power</a>		●
<a href="#">Asia Pacific Power &amp; Renewables Service</a>		●
<a href="#">Europe Power &amp; Renewables Service</a>		●
<a href="#">North America Power &amp; Renewables Service</a>		●
<a href="#">Mexico Gas, Power &amp; Renewables Service</a>		●
<a href="#">Southern Cone Gas, Power &amp; Renewables Service</a>		●
<a href="#">Power Valuation Tool</a>		●
<a href="#">Renewable Asset Cost Modelling (RACM)</a>		●
<a href="#">Cost Intelligence (CI)</a>		●
<a href="#">Germany Discovery</a>		●

ENERGY TRANSITION	INCLUDED	NOT INCLUDED
<a href="#">Energy Transition Service &amp; Tool – Global</a>	●	
<a href="#">Emissions Benchmarking Tool &amp; Report – Downstream</a>		●
<a href="#">Emissions Benchmarking Tool – M&amp;M</a>		●
<a href="#">Lens Hydrogen</a>		●

# Metals & Mining

Click on product links for more information.

METALS	INCLUDED	NOT INCLUDED
<b>Aluminium Research Suite</b>		
<a href="#">Aluminium Market Service</a>		●
<a href="#">Bauxite &amp; Alumina Asset Cost Service</a>		●
<a href="#">Aluminium Smelter Cost Service</a>		●
<b>Cathode &amp; Precursor Research Suite</b>		
<a href="#">Cathode &amp; Precursor Market Service</a>		●
<b>Coal Research Suite</b>		
<a href="#">Coal – Supply Service incl. Coal Cost Curve Tool</a> <small>Australasia, Canada, Latin America, North East Asia, Russia, South East Asia, Southern Africa, US Appalachia (Domestic), US Illinois Basin, US Western</small>		●
<a href="#">Coal - Market Service</a> <small>China, India, Metallurgical Trade, Thermal Trade, North America (Short Term) &amp; US Long Term Outlook</small>		●
<b>Cobalt Research Suite</b>		
<a href="#">Cobalt Cost Service</a>		●
<a href="#">Cobalt Market Service</a>		●
<b>Copper Research Suite</b>		
<a href="#">Copper Concentrates Service</a>		●
<a href="#">Copper Market Service</a>		●
<a href="#">Copper Mines Cost Service</a>		●
<a href="#">Copper Smelting &amp; Refinery Cost service</a>		●

METALS	INCLUDED	NOT INCLUDED
<b>Corporate Research Suite</b>		
<a href="#">Metals &amp; Mining Corporate Tool</a>		●
<b>Electric Vehicle &amp; Battery Supply Research Suite</b>		
<a href="#">Electric Vehicle &amp; Battery Supply Chain Service</a>		●
<b>Emissions Benchmarking Suite</b>		
<a href="#">Emissions Benchmarking Tool – M&amp;M</a> <small>(List products included)</small>		●
<b>Graphite Research Suite</b>		
<a href="#">Graphite Market Service</a>		●
<b>Gold Research Suite</b>		
<a href="#">Gold Mine Cost Service</a>		●
<b>Iron Ore Research Suite</b>		
<a href="#">Iron Ore Cost Service</a>		●
<a href="#">Iron Ore Markets Service</a>		●
<b>Lead Research Suite</b>		
<a href="#">Lead Concentrates Service</a>		●
<a href="#">Lead &amp; Zinc Mine Cost Service</a>		●
<a href="#">Lead Market Service</a>		●
<b>Lithium Research Suite</b>		
<a href="#">Lithium Cost Service</a>		●
<a href="#">Lithium Market Service</a>		●

# Metals & Mining

Click on product links for more information.

METALS	INCLUDED	NOT INCLUDED
<b><i>Nickel Research Suite</i></b>		
<a href="#">Nickel Cost Service</a>		●
<a href="#">Nickel Intermediates Service</a>		●
<a href="#">Nickel Market Service</a>		●
<a href="#">Nickel Sulphate Service</a>		●
<b><i>Rare Earths Research Suite</i></b>		
<a href="#">Rare Earths Market Service</a>		●
<b><i>Steel Research Suite</i></b>		
<a href="#">Bulk Steel Alloys Market Service</a>		●
<a href="#">Chromium Cost Service</a>		●
<a href="#">Steel Cost Service</a>		●
<a href="#">Steel Market Service</a>		●
<a href="#">Noble Steel Alloys Markets Service</a>		●
<a href="#">Vanadium Cost Service</a>		●

METALS	INCLUDED	NOT INCLUDED
<b><i>Zinc Research Suite</i></b>		
<a href="#">Zinc Concentrates Service</a>		●
<a href="#">Zinc &amp; Lead Mine Cost Service</a>		●
<a href="#">Zinc Market Service</a>		●
<b><i>Curated Service</i></b>		
Bulks Curated Metals & Mining		●
Base Metals Curated Metals & Mining		●
Energy Transition Curated Metals and Mining		●



# PETRONAS Dedicated Account Team:

We look forward to continuing supporting you

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