



EnergyView Service Sector (EVSS)

Connect™ User Guide

2020

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[Contact Us](#)

EnergyView Service Sector (EVSS) Services

Provides a suite of IHS Markit Energy Advisory Services to provide an extensive package of energy data, analysis and insight covering oil, natural gas and power sectors.

Crude Oil Markets

- Crude Oil Markets Fundamentals
- Asia/ME Crude Oil Markets
- Refining and Marketing Fundamentals

Global Gas

- Global Gas Markets (including North America, Europe, Latin America, China, South East Asia, Russia and the Caspian)
- LNG

Upstream

- Oil & Gas Risk
- Plays & Basins
- Upstream Spend Report

Global Power & Renewables

- Global Power (including North America, Europe, Latin America, China, South & East Asia, Russia and the Caspian)
- Global Renewables (including North America, Europe and Emerging renewable markets)

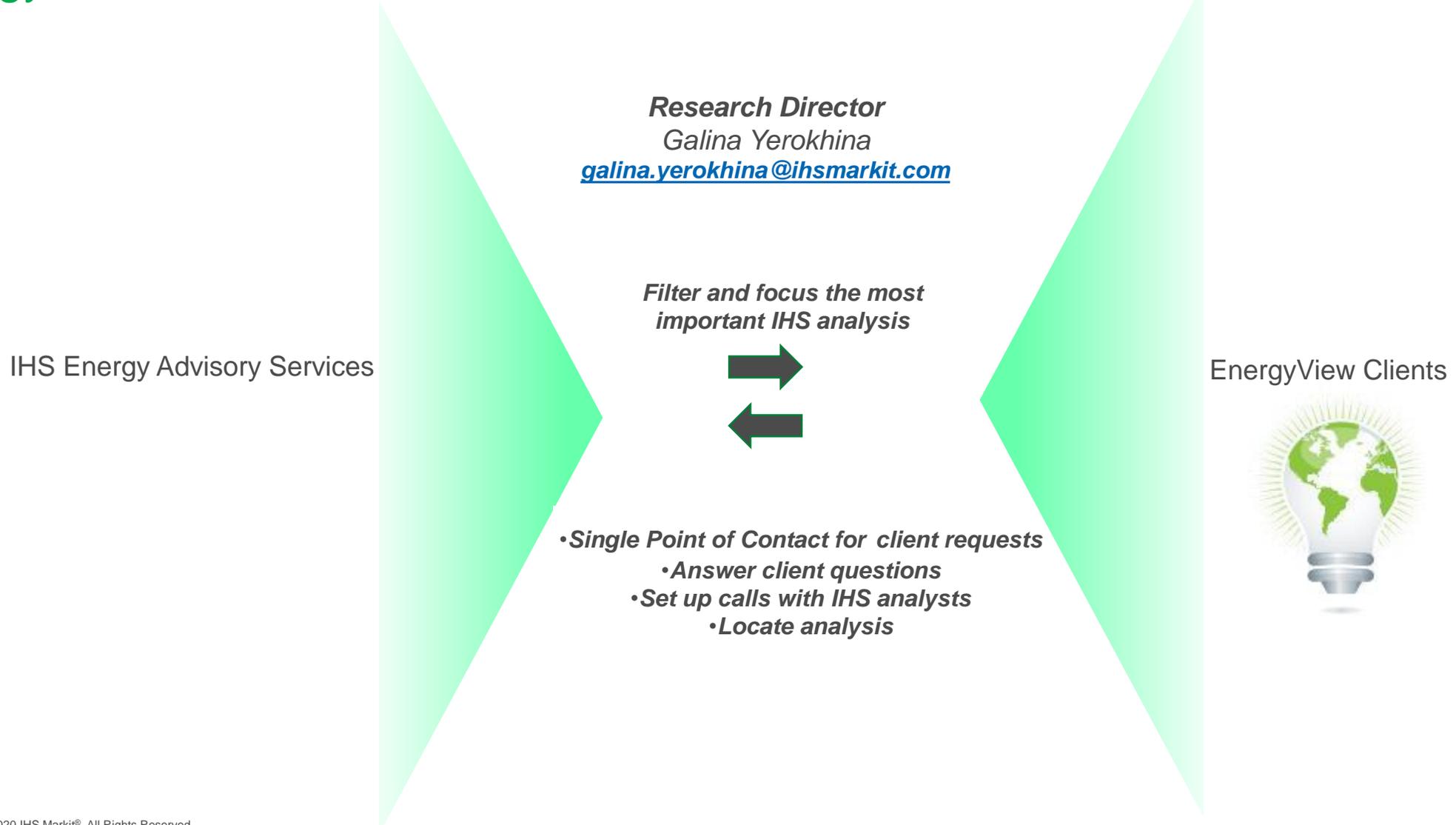
Coal

- Global Steam Coal

Cross Energy

- Climate and Energy Scenarios
- Strategic Horizons

EnergyView Service Sector: Your Dedicated Research Director

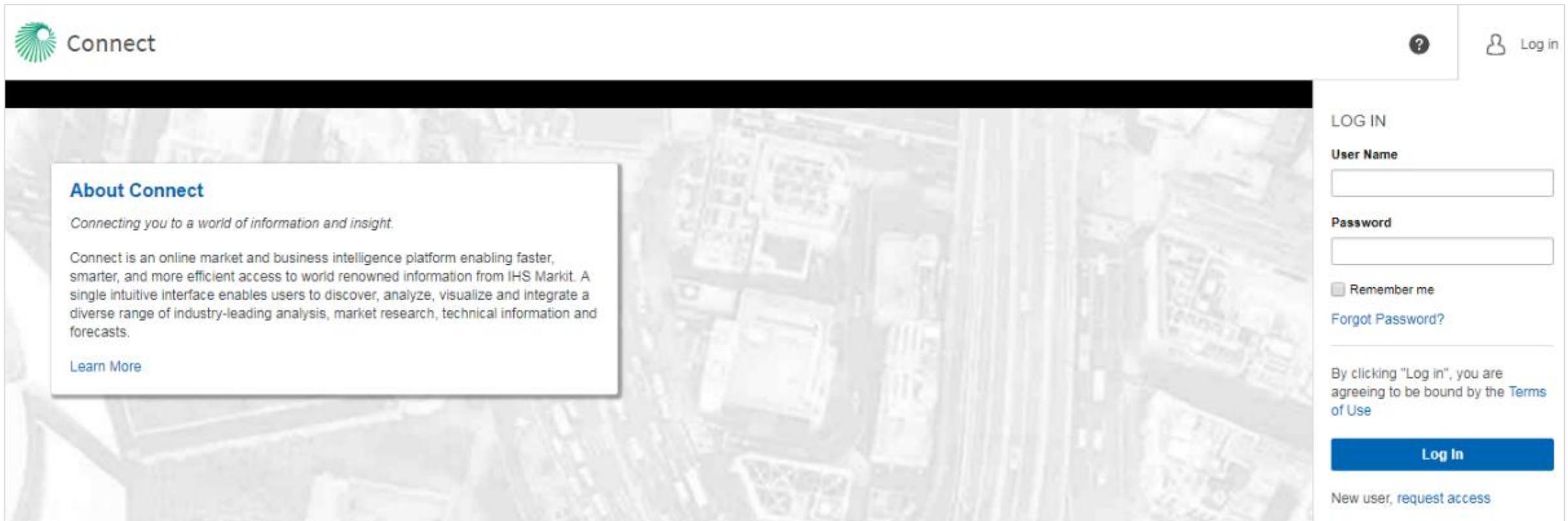


Connect Login Instructions

Connect Login Instructions

Go to connect.ihsmarket.com and log in with your Username and Password.

Click on 'Forgot Password?' to reset your password.



The screenshot shows the Connect login page. On the left, there is a navigation menu with the 'Connect' logo and a question mark icon. The main content area features an 'About Connect' section with a description of the platform and a 'Learn More' link. On the right, there is a 'LOG IN' section with input fields for 'User Name' and 'Password', a 'Remember me' checkbox, a 'Forgot Password?' link, and a blue 'Log In' button. Below the button is a link for 'New user, request access'.

Connect ?

LOG IN

User Name

Password

Remember me

[Forgot Password?](#)

By clicking "Log in", you are agreeing to be bound by the [Terms of Use](#)

Log In

[New user, request access](#)

Connect New User Registration

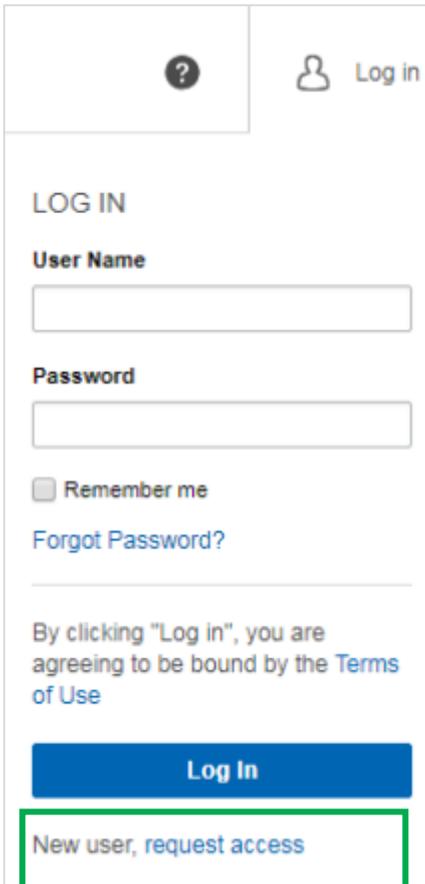
Go to connect.ihsmarkit.com and request access.



Follow 4 steps for Connect registration

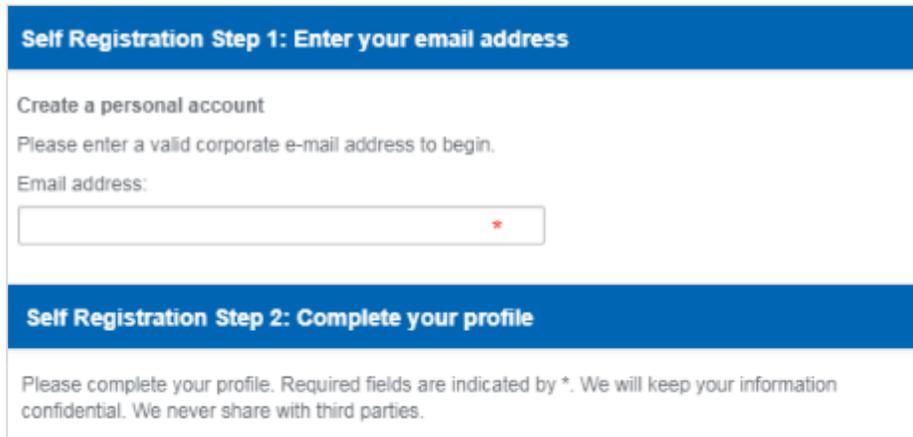
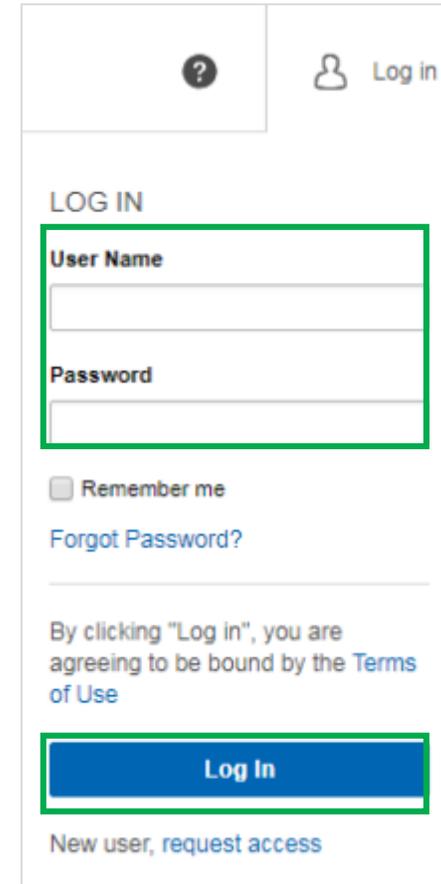


Go to connect.ihsmarkit.com and login



1. Enter your corporate email address.
2. Complete your profile. (Enter Connect in the Product Used field)
3. Accept the terms of service.
4. Complete Your Registration

Once you are provided with access, you will receive an email confirmation from customercare@ihsmarkit.com with your login instructions.

My Connect

Click on **My Connect** in the black menu bar to manage **Email Notifications** and to retrieve **Saved Content**.

Home: View your selected notifications and latest saved content.

My Notifications: View your selected email notifications by frequency (Immediate, Daily, Weekly)

Standard Email Notifications: A listing of all available email notifications within your subscription.

Saved Content: Retrieve and edit your saved content by type and folder.

Standard Email Notifications

Clear All Notifications Notification Settings

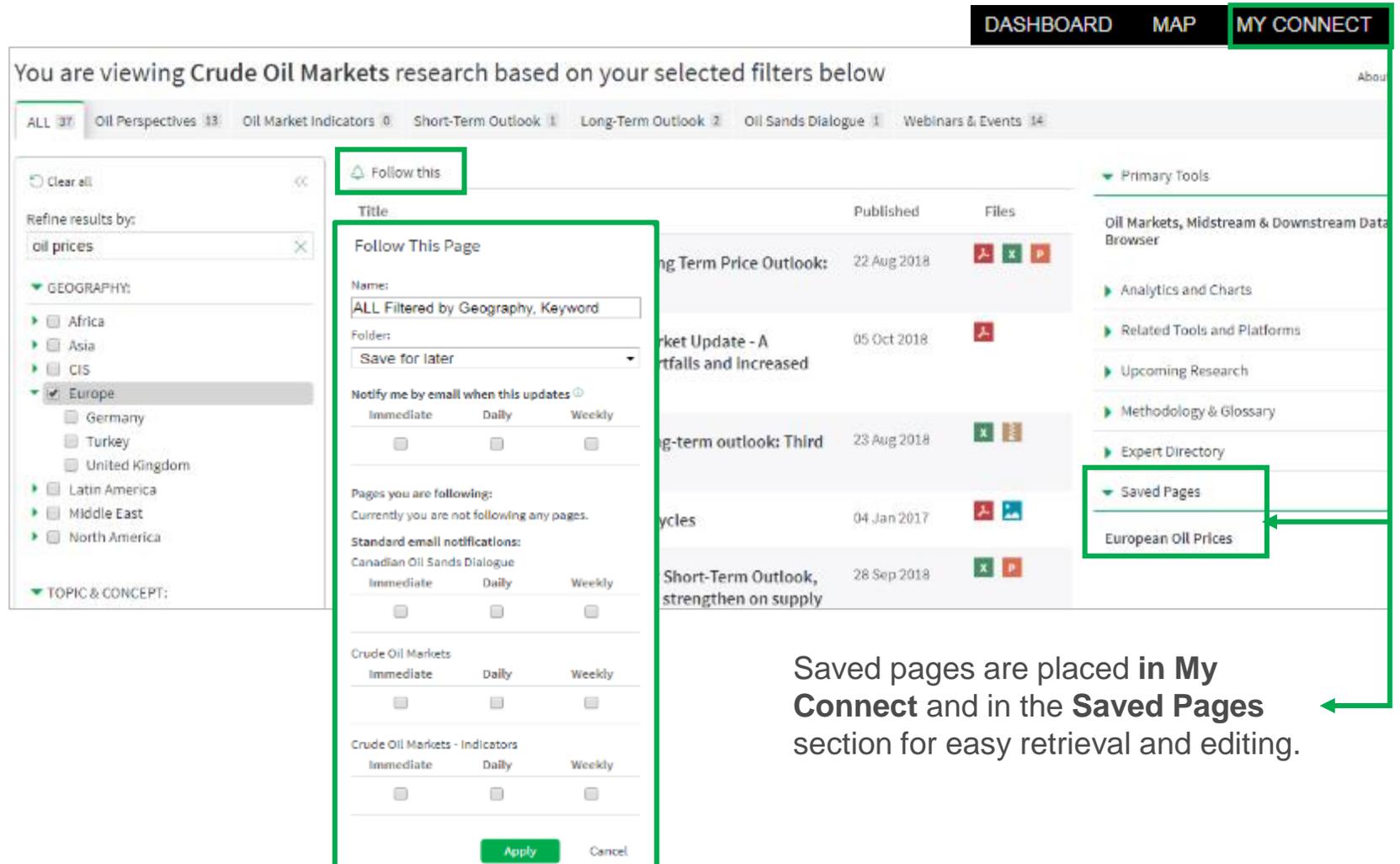
Listed below are IHS Markit's pre-set email notifications, based on the business area and topic. You can choose which notification to receive and at what frequency by checking the appropriate box.

Type	Notification name	Source	Immediate	Daily	Weekly
Σ	Connect Daily Summary	Connect Daily Summary		<input checked="" type="checkbox"/>	
📁	Gas Markets	Gas, Power, and Energy Futures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
📁	LNG	Gas, Power, and Energy Futures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
📁	South and Southeast Asia Power, Gas, Coal & Renewables	Gas, Power, and Energy Futures	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Customize Your Deliverables: Save and Follow a Research Page (for Oil Markets pages)

Save a research page into **My Connect** and apply an email alert to be notified when a document is updated on your page.

1. Apply filters or a key word search on a research page.
2. Click on **Follow this** above the results listing.
3. In the **Follow This Page** box that appears, **Name** your page and select the **Save for later folder**, or click into the dropdown to create your own folder.
4. Select your email alert frequency.
5. Click **Apply**.



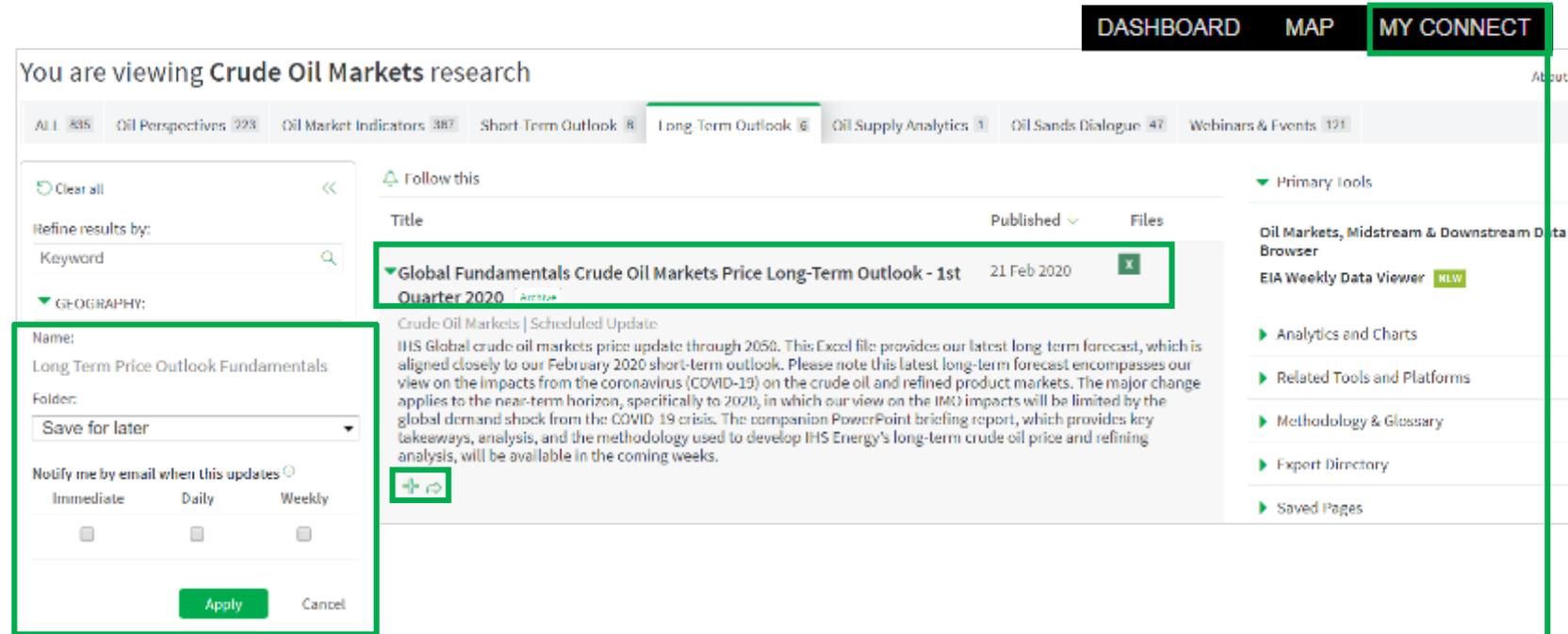
The screenshot shows the IHS Markit interface with the 'MY CONNECT' tab selected in the top navigation bar. A 'Follow This Page' dialog box is open, allowing users to follow a research page. The dialog includes fields for 'Name' (set to 'ALL Filtered by Geography, Keyword') and 'Folder' (set to 'Save for later'). It also features options to 'Notify me by email when this updates' with radio buttons for 'Immediate', 'Daily', and 'Weekly'. Below, there are sections for 'Pages you are following' (currently none) and 'Standard email notifications' for various research topics like 'Canadian Oil Sands Dialogue', 'Crude Oil Markets', and 'Crude Oil Markets - Indicators', each with 'Immediate', 'Daily', and 'Weekly' notification options. An 'Apply' button is at the bottom of the dialog. In the background, a table of research results is visible, and the 'MY CONNECT' menu on the right shows a 'Saved Pages' section with 'European Oil Prices' listed. Green boxes and arrows highlight the 'Follow this' button, the dialog box, the 'Saved Pages' section, and the 'European Oil Prices' item.

Saved pages are placed in **My Connect** and in the **Saved Pages** section for easy retrieval and editing.

Customize Your Deliverables: Save and Follow Documents (for Oil Markets pages)

Save an individual document into **My Connect** and apply an email alert to be notified when that document is updated.

1. Hover over the title of the report and click on the green arrow. 
2. Click on the plus sign that appears at the bottom of the dropdown. 
3. In the **Follow This Publication** box that appears, select the **Save for later folder** or click into the dropdown to create your own folder.
4. Select your email alert preference and click **Apply**.
5. The **Archive** button next to the report title indicates that this is a recurring deliverable and an email alert can be set. Click into this button to group and view the historical reports. 



The folders and saved documents are placed in the **My Connect** section in the top, black menu bar.

Crude Oil Markets

Insight into all aspects of the market, including prices, supply/demand, infrastructure & economics.

Crude Oil Markets - Crude Oil Markets Fundamentals

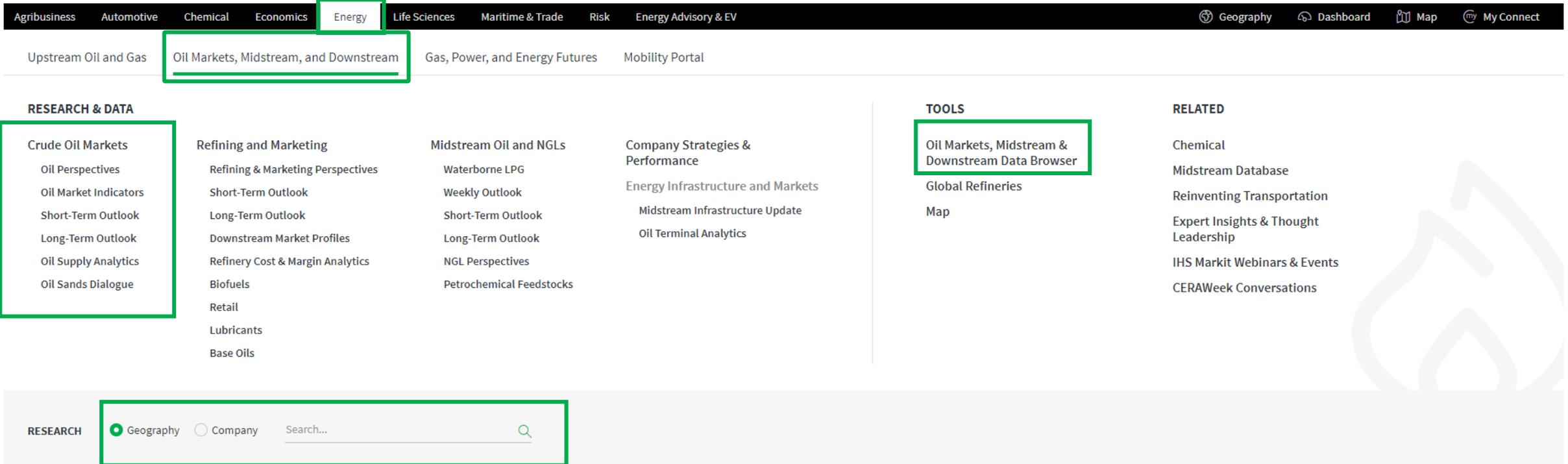
- **Annual Strategic Workbook (ASW)** – deliverables provide detailed analysis of global production of crude oil, segregated condensate, total liquids and OPEC capacity to 2040. Excel tables and PowerPoint slides provide detailed country-level forecasts of crude oil supply for major producers by year out to 2040. The data is further refined by: forecasts for upstream project start ups, tight oil production, based production, sanctioned and unsanctioned projects, yet to find production, etc. (updated annually)
- **Quarterly Long-Term Price Outlook** - Global crude benchmark price forecast analysis & dataset to 2040
- **Quarterly World Oil Watch** - In-depth written analysis of key issues impacting short-medium term crude markets
- **Monthly Short-Term Price Outlook**-2-year monthly price forecast analysis & dataset for global benchmarks
- **Monthly Market Briefing** - Written analysis expanding upon Monthly Short-Term Price Outlook
- **Monthly Market Analysis & Data** - Short-Term Liquids Supply Demand Balance, OPEC Production, Economic Outlook Data
- **IEA Oil Market Commentary** - Monthly update compares IHS Energy's supply/demand expectations against the IEA outlook; puts forecasts in context
- **Mid-Week Briefing & US DOE Statistics Dashboard** - Dashboard of weekly DOE oil market & refined product statistics supplemented with IHS Energy analysis
- **Weekend Briefing** - Highlights key crude market issues for next two weeks, with key views on price direction
- **Insights & Strategic Reports** - Periodic analysis of critical crude oil market developments
- **Access to experts & core research team worldwide**
- **Data visualization & browsing tool access – global price, supply, trade & other datasets**
- **Regular webcasts & online briefings**
- **Personal invitations to in-person events**

Crude Oil Markets -Asia/ME Crude Oil Markets

- **An exclusive combination of regularly updated oil market data** and forecasts on Asia and Middle Eastern crude oil markets.
- **Covers supply, production, short-term & long-term prices**, infrastructure & economics. Find produced streams data, production forecasts, trade by crude type and stream, as well as crude grade prices and market spreads at both regional and sub-regional level.
- **Asia & Middle East Long Term Crude Balance** - Crude production & trade by type & major stream to 2040.
- **Quarterly Asia & Middle East Long-Term Price Outlook** - Forecast analysis & datasets for crude prices to 2040.
- **Monthly Asia & Middle East Short-Term Outlook** - Two-year monthly price forecast analysis & dataset for Asia & Middle East.
- **Insights & Strategic Reports** - Periodic analysis of critical Asia & Middle East crude oil markets & midstream developments.
- **Access to analysts & core research team** both in-region and in other key locations.
- **Data visualization & browsing tool access – Global and Asia & Middle East price, supply, trade & other datasets.**
- **Regular webcasts & online briefings**
- **Personal invitations to in-person events** - Integrated Energy Research Briefings, Long Term Balance Briefings

Crude Oil Markets in Connect

In Connect, hover over the **Energy** menu > **Oil Markets, Midstream and Downstream** > Click on [Crude Oil Markets](#) topics. Access the **Oil Markets, Midstream & Downstream Data Browser** tool under **Tools**.



The screenshot shows the IHS Markit Connect website navigation. The top navigation bar includes categories like Agribusiness, Automotive, Chemical, Economics, Energy, Life Sciences, Maritime & Trade, Risk, and Energy Advisory & EV. The 'Energy' menu is expanded to show 'Upstream Oil and Gas', 'Oil Markets, Midstream, and Downstream', 'Gas, Power, and Energy Futures', and 'Mobility Portal'. The 'Oil Markets, Midstream, and Downstream' sub-menu is further expanded into three columns: 'RESEARCH & DATA', 'TOOLS', and 'RELATED'. The 'Crude Oil Markets' item under 'RESEARCH & DATA' and the 'Oil Markets, Midstream & Downstream Data Browser' item under 'TOOLS' are highlighted with green boxes. The 'RELATED' section lists various resources like 'Chemical', 'Midstream Database', and 'Reinventing Transportation'. At the bottom, a search bar is highlighted with a green box, showing options for 'Geography' and 'Company' and a search input field.

Browse research by **Geography** or **Company**.

Oil Markets Research Page

Research and Data are organized within **topical tabs** to instantly narrow down your search.

Keyword search and relevant filter options.

The screenshot shows the IHS Markit Oil Markets Research page. At the top, there are tabs for different research categories: ALL (667), Oil Perspectives (311), Oil Market Indicators (4), Short-Term Outlook (11), Long-Term Outlook (15), Oil Sands Dialogue (86), and Webinars & Events (149). Below the tabs is a search bar with 'Keyword' entered and a 'Clear all' button. To the left of the main content area are two filter sections: 'GEOGRAPHY' with options for Africa, Asia, CIS, Europe, Latin America, Middle East, and North America; and 'TOPIC & CONCEPT' with options for Company & Organization Type, Company Performance Metrics, Costs & Expenditures, Forecast, Geophysical Attribute, Long-term, Market Analysis, Midstream, Operating Environment Risk, and Outlook & Forecast. The main content area displays a list of articles with columns for Title, Published date, and Files. The first article is 'IHS Markit North American Crude Oil Market Briefing—4 October 2018'. Other articles include 'Latin American Crude Oil Markets Short-Term Outlook - September 2018: Going down to Latin - refinery runs sink to the same amount as 3 decades ago', 'North American Crude Oil Markets Short-Term Outlook—September 2018: Will rail rise again?', 'India Crude Oil Market Short-Term Outlook—September 2018: Headwinds are rising for demand as crude import prices spike', 'China Crude Oil Markets Short-Term Outlook—September 2018: Independent utilization to rebound amid higher refining margins', 'Europe, CIS and Africa Crude Oil Market Short-Term Outlook, September 2018: European sour crudes strengthen on supply tightness and firm demand', and 'Not so fast: Vienna Alliance is in no hurry to ramp up output, particularly not in advance of a drop in Iranian exports'. To the right of the article list is a 'Primary Tools' section with options for Analytics and Charts, Related Tools and Platforms, Upcoming Research, Methodology & Glossary, Expert Directory, and Saved Pages. A green arrow points to the 'Files' icon in the 'Files' column of the last article.

Relevant **Data tools, Charts, and other Resources.**

View and quickly access files.

Crude Oil Markets Topical Tabs on Research Page*



Oil Perspectives	Oil Market Indicators	Short-Term Outlook	Long-Term Outlook	Oil Sands Dialogue	Webinars & Events
Periodic in-depth analysis pieces	US EIA Weekly Commentary Oil Market Briefing Commitment of Traders Report	Short-Term Outlooks (Global, Asia/Middle East, India, China) OPEC Oil Production Data World Oil Watch Saudi Aramco Ship-loading OSPs	Long-Term price outlooks (Global and Asia/Middle East) Crude Oil Markets Annual Strategic Workbooks (Global Fundamentals and Asia/Middle East) Crude Oil and Condensate Trade	Public Special Reports Western Canadian Insights Calgary Crude Quarterly Presentations.	Periodic event & webinar materials.

*This is an example of key research deliverables. More research is available on this page in Connect.

Oil Markets, Midstream & Downstream Data Browser

You are viewing **Crude Oil Markets** research About this page

[ALL 1684](#)
[Oil Perspectives 313](#)
[Oil Market Indicators 8](#)
[Short Term Outlook 11](#)
[Long Term Outlook 15](#)
[Oil Sands Dialogue 98](#)
[Webinars & Events 153](#)

[Clear all](#)
[I follow this](#)
▼ Primary Tools

Refine results by:

Title: **Oil Markets, Midstream & Downstream Data Browser**

Published: 24 Oct 2018

The **Data Browser** tool allows you to query for specific data, create charts, and download refreshable Excel files.

Query

Dataset: Oil Markets, Midstream & Downstream

Search...

Concept Geography Product Frequency Unit

Total Filters Selected **44**

Concept 44
 Geography
 Product
 Frequency

Crude Oil
 Crude Prices
 Crude Trade
 Condensate Trade
 API Regional data
 Sulfur Regional data
 Crude Production

Annual
 Quarterly
 Monthly

Crude Oil Metrics

fx FUNCTIONS...

Filter options to customize your search.

Search results (9737)

Jan 2015 - Jan 2025

Click here to run the search.

Click here to export data into static, refreshable file or CSV.

Crude Oil Markets Analytics & Charts

You are viewing **Crude Oil Markets** research About this page

[ALL 884](#)
[Oil Perspectives 313](#)
[Oil Market Indicators 4](#)
[Short-Term Outlook 11](#)
[Long-Term Outlook 15](#)
[Oil Sands Dialogue 88](#)
[Webinars & Events 153](#)

GEOGRAPHY:
 Africa
 Asia

Title	Published	Files
Selling off: Coping with stock market jitters and more news from Saudi Arabia just ahead of full Iran sanctions Archive	24 Oct 2018	
US EIA Weekly Comment on Crude stocks	24 Oct 2018	

Primary Tools
[Oil Markets, Midstream & Downstream Data Browser](#)
Analytics and Charts
Crude Oil



In the **Analytics and Charts** section, click on **Crude Oil** to visualize, customize, and filter data by Production, prices, trade and Crude streams.



Click on the 3-dot menu to export to PDF, Excel or PPT.

Refining & Marketing

Insight into all aspects of the market, including prices, supply/demand, infrastructure & economics.

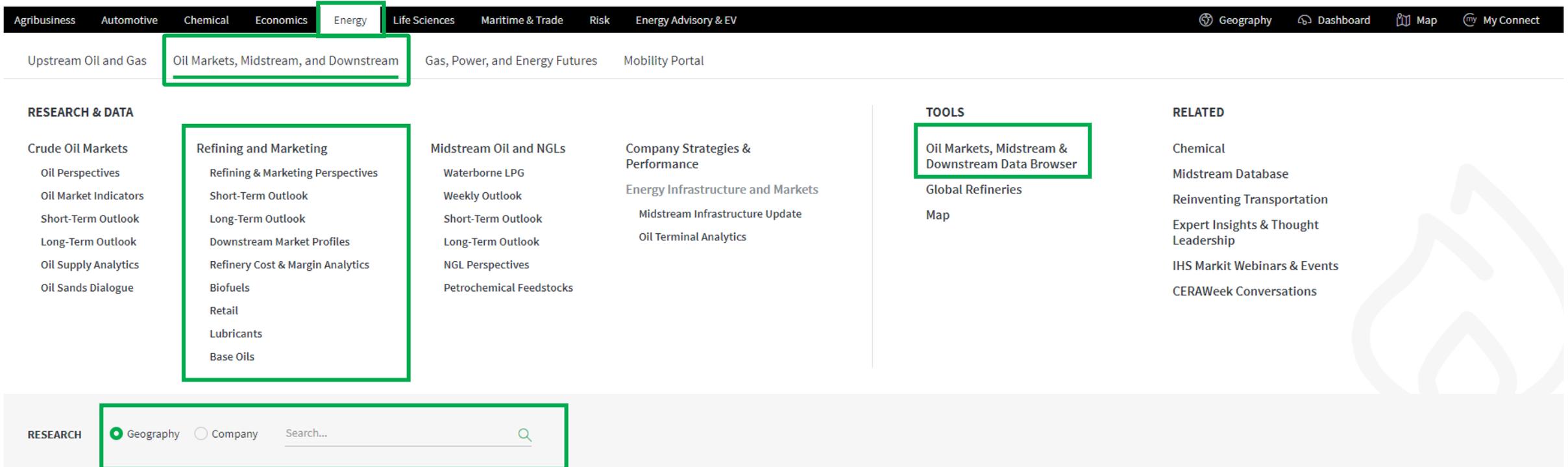
Refining & Marketing Fundamentals

Global Coverage by Region

- **Authoritative analysis on global refining**, refined product markets & retail prices & margins. Detailed data & insight on supply/ demand by product (naphtha, gasoline, diesel, jet fuel, fuel oil), operating utilization, projects/capacity rationalization, & prices/margins.
- **Refining and Products Market Annual Strategic Workbook** deliverables (presentation and database) provide detailed long-term outlooks (25 years) for crude oil refining & refined product supply, demand, trade and pricing- coverage includes global overview by region/country 2016-2040 on: project cost, refinery investment announcement and future requirements, installed base cost, refining capacity (existing and announced), refinery investment announcements and future requirements, existing & announced capacity, announced refinery Capex additions by year, refined product supply & demand, crude oil production by region – see link below to access data base and presentation (updated annually). Biofuels outlook is also covered (updated annually).
- **Quarterly Long-Term Price Outlook** -refining and marketing price update through 2040.
- **Monthly Short-Term Price Outlook** - 2-year monthly price forecast analysis & dataset global refined products, new Fundamentals Short-Term Outlook slide deck
- **Regular Refinery Status Reports** - Review of global refinery capacity, rationalization & planned closures
- **Monthly Gasoline/Diesel Demand, Prices /Margins** - Demand 40+ countries, retail prices/margins 55+ countries
- **Mid-Week Briefing & US DOE Statistics Dashboard** - Dashboard of weekly DOE oil market & refined product statistics supplemented with IHS Energy analysis
- **Insights & Strategic Reports** - Periodic analysis of critical global refined product markets
- **Access to experts & core research team worldwide**
- **Data visualization & browsing tool access – global supply/price/trade**
- **Personal invitations to in-person events- Energy Briefings, Annual Strategic Workbook Briefings**

Refining and Marketing in Connect

In Connect, hover over the **Energy** menu > **Oil Markets, Midstream and Downstream** > Click on [Refining and Marketing](#) topics. Access the **Oil Markets, Midstream & Downstream Data Browser** tool under **Tools**.



The screenshot displays the IHS Markit Connect website interface. At the top, a navigation bar includes categories like Agribusiness, Automotive, Chemical, Economics, **Energy**, Life Sciences, Maritime & Trade, Risk, and Energy Advisory & EV. Under the **Energy** menu, the sub-menu **Oil Markets, Midstream, and Downstream** is highlighted. Below this, the **RESEARCH & DATA** section is visible, with a dropdown menu for **Refining and Marketing** showing options like Refining & Marketing Perspectives, Short-Term Outlook, Long-Term Outlook, Downstream Market Profiles, Refinery Cost & Margin Analytics, Biofuels, Retail, Lubricants, and Base Oils. To the right, the **TOOLS** section features the **Oil Markets, Midstream & Downstream Data Browser**. Further right, the **RELATED** section lists items such as Chemical, Midstream Database, Reinventing Transportation, Expert Insights & Thought Leadership, IHS Markit Webinars & Events, and CERAWeek Conversations. At the bottom, a search bar is shown with filters for **Geography** and **Company**.

Browse research by **Geography** or **Company**.

Refining and Marketing Research Page

Research and Data are organized within **topical tabs** to instantly narrow down your search.

The screenshot shows the IHS Markit Refining and Marketing Research page. At the top, there are several topical tabs: All (209), Refining & Marketing Perspectives (165), Short-term Outlook (10), Long-term Outlook (4), Downstream Market Profiles (0), Refinery Cost & Margin Analytics (0), Retail (63), Lubricants (0), and Webinars & Events (71). Below the tabs is a search bar with 'Keyword' entered. To the left of the main content is a filter sidebar with sections for 'GEOGRAPHY' (listing Africa, Asia, CIS, Europe, Latin America, Middle East, North America) and 'TOPIC & CONCEPT' (listing Company & Organization Type, Costs & Expenditures, Deepwater, Downstream, Facilities & Operations). The main content area features a table of research items with columns for Title, Published, and Files. The table lists several reports, including 'US EIA Weekly Commentary: US crude, motor gasoline, and distillate stocks decline', 'Weekly Refining Indicator Report - 21 October 2019', 'Global Retail Fuel Price and Margin Data Manager', 'IHS Markit Webinar: The Gulf Coast spot market: Understanding the hub of US refining', and ''IMO 2020' - The Global Bunker Fuel Sulfur Cap: 3rd Quarter 2019 Update'. To the right of the table is a sidebar titled 'Primary Tools' which includes 'Oil Markets, Midstream & Downstream Data Browser', 'EIA Weekly Data Viewer', 'Analytics and Charts', 'Refining and Products Fuel Retail', 'Related Tools and Platforms', 'Methodology & Glossary', 'Research a Geography', 'Expert Directory', and 'Saved Pages'. A green arrow points to the 'Files' column in the table, specifically to the file icons for the 'Global Fundamentals Refining and Marketing' report.

Keyword search and relevant filter options.

Relevant Data tools, Charts, and other Resources..

View and quickly access files.

Refining and Marketing Topical Tabs on Research Page*



Refining & Marketing Perspectives	Short-Term Outlook	Long-Term Outlook	Downstream Country Profiles	Retail	Webinars & Events
Periodic in-depth analysis pieces	Global Refinery Rationalization Update US EIA Weekly Commentary 'IMO 2020': The Global Bunker Fuel Sulfur Cap Quarterly Update	Global Long-term price update Refining & Marketing Annual Strategic Workbook (Fundamentals)	Downstream Country Profiles (Africa)	Global Fuel Demand & Price & Margin Data Managers Periodic in-depth fuel retail analysis pieces	Periodic event & webinar materials

*This is an example of key research deliverables. More research is available on this page in Connect.

Oil Markets, Midstream & Downstream Data Browser

You are viewing **Crude Oil Markets** research About this page

ALL 1684 | Oil Perspectives 313 | Oil Market Indicators 8 | Short Term Outlook 11 | Long Term Outlook 15 | Oil Sands Dialogue 28 | Webinars & Events 153

Clear all << | I follow this | Primary Tools

Refine results by: Keyword

▼ GEOGRAPHY:

Title Published Files

Selling off: Coping with stock market 24 Oct 2018

Oil Markets, Midstream & Downstream Data Browser

The **Data Browser** tool allows you to query for specific data, create charts, and download refreshable Excel files.

Query

Dataset: Oil Markets, Midstream & Downstream Search...

Concept Geography Product Frequency Unit

Concept 44 Geography Product Frequency

Crude Oil
 Crude Prices
 Crude Trade
 Condensate Trade
 API Regional data
 Crude Trade Subregions - North America

Annual
 Quarterly
 Monthly

Filter options to customize your search.

Refining and Products Metrics

Click here to run the search.

VIEW RESULTS

Search results (9737)

ADD TO WORKBOOK: 0 SAVE AS EXPORT...

Switch to Overview Show Preview Manage Table... Jan 2015 - Jan 2025

Annual Quarterly Monthly

Click here to export data into static, refreshable file or CSV.

Global Gas and LNG

Critical insight on supply, demand and price trends across global markets.

Global Gas: North America

- **Natural Gas Monthly Briefing** - A report summarizing the short-term market drivers and trends, and accompanying data set with forecasts to 2040 for natural gas monthly pricing (Henry Hub and 29 key pricing points), storage, supply / demand balances, pipeline flows, and play-level unit cost, production, and drilling activity.
- **Regional Natural Gas Profiles** - Individual reports summarizing regional markets and accompanying data set with corresponding supply / demand balances.
- **US Natural Gas Weekly Storage Briefing** - Provides a short-term (two-week) outlook for US lower-48 storage injections and withdrawals outlook and discusses the impact on natural gas prices.
- **Eastern US and Canada Pipeline Expansion Database** - A listing of pipeline expansion projects that have been announced in the US Northeast, Midwest, and Southeast/US Gulf Coast regions and in eastern Canada. For each project, the database includes key details, such as estimated capital costs, project scope (e.g., additional pipeline and/or compression), and transportation capacity costs.
- **Natural Gas Watch** - A report summarizing the market outlook to 2025.
- **Natural Gas Long-term Outlook** - A report summarizing the market outlook to 2040.

Global Gas: Europe

- **European Gas Watch** - Annual, provides insight on the key business trends and critical issues affecting the European gas market to 2035, with focus on key long-term strategic implications
- **European Storage Watch** - Annual, analyzes storage utilization and outlook to 2035
- **European Gas Hub Tracker** - Semi-Annual, Analyzes traded volumes and liquidity at main trading points and provides insight into regulatory and other changes affecting liquidity. Market outlook to 2040.
- **Competitive Fuel Price Report** - Quarterly, assessing the trends that are influencing the current and future outlooks for gas, coal, oil and oil products. Alongside are price forecasts for gas including 10 traded markets and 10 import price indices
- **Retail Price Tracker** - Semi-Annual, provides summary of end-user prices in key markets
- **European Gas Supply and Demand Tracker** - Monthly, provides 5 year forecasts on market fundamentals and commentary on short-term to medium-term market drivers
- **European Storage Tracker** - Monthly, provides insight on storage levels by country
- **Market and Regional Briefings** - Quarterly, provide analysis for major markets and five year outlook for prices, supply/demand balance, capacity margins and plant retirements/additions
- **Workshops** - Semi-Annual, held in spring and fall with special deliverable produced for each workshop
- **Competitive Fuel Price Report** – Quarterly

Global Gas: Latin America

- **Natural gas market fundamentals report** - Report that analyzes project pipelines, market updates while breaking down trends underlying each market's midterm outlook, as well as regional trade and LNG imports.
- **Midterm outlooks** - Natural gas outlooks for production, import/export levels, and end user demand.
- **Natural gas price report** - Report with natural prices (historical and outlooks) outlining relevant inputs with key highlights and implications.
- **Strategic and insight reports** - Strategic research reports covering topics relevant for strategic decision-making processes
- **Natural gas country profiles** - Individual country profiles covering policy, economic trends, market fundamentals, market structure, regulatory framework in the natural gas sector
- **Webinars** - Interactive sessions with IHS Markit researchers on breaking events of importance to the market. It provides our vision and analysis regarding the implications to our stakeholders while providing a forum for questions.

Global Gas: China

- **Natural Gas Data Tables** - Monthly domestic gas production volumes, China's gas import/export volumes and values by country, annual provincial gas demand, pipeline length, and population connected to the gas grid, and five-year supply and demand outlooks.
- **Natural Gas Price Data Table** - Regulated citygate prices by province and retail prices by sector in key cities, monthly gas import price by port, and monthly wholesale LNG prices.
- **Natural Gas Quarterly Market Briefing** - Analysis of recent changes in the natural gas market fundamentals and policy development during the previous quarter, and assumptions behind five-year supply and demand outlooks.
- **National Gas Supply Outlook by Basin** - Supply volume and cost for conventional, coalbed methane, and shale gas by basin, coal-based synthetic natural gas by province, and pipeline and LNG imports through 2040.
- **Provincial Gas Demand Outlook by Sector** - Provincial level gas demand outlook by sector (industrial, feedstock, power generation, district heating, commercial, residential, transport, and others) through 2040.
- **Long-term Citygate Gas Price Outlooks** - Citygate gas price outlooks in key provinces through 2040.
- **Long-term Industrial Retail Gas Price Outlooks** - Regulated industrial retail gas price outlook in key provinces through 2040.
- **Small Land-based Liquefaction Watch** - Annual updates of capacity addition at the provincial level, trends in utilization rates and prices, and analysis on recent market developments and policies impacting small liquefaction business.
- **Regional Regasification Outlooks: North, Central, South** - Regional regasification outlook by terminal and LNG procurement strategies analysis by key players.

Global Gas: South and Southeast Asia

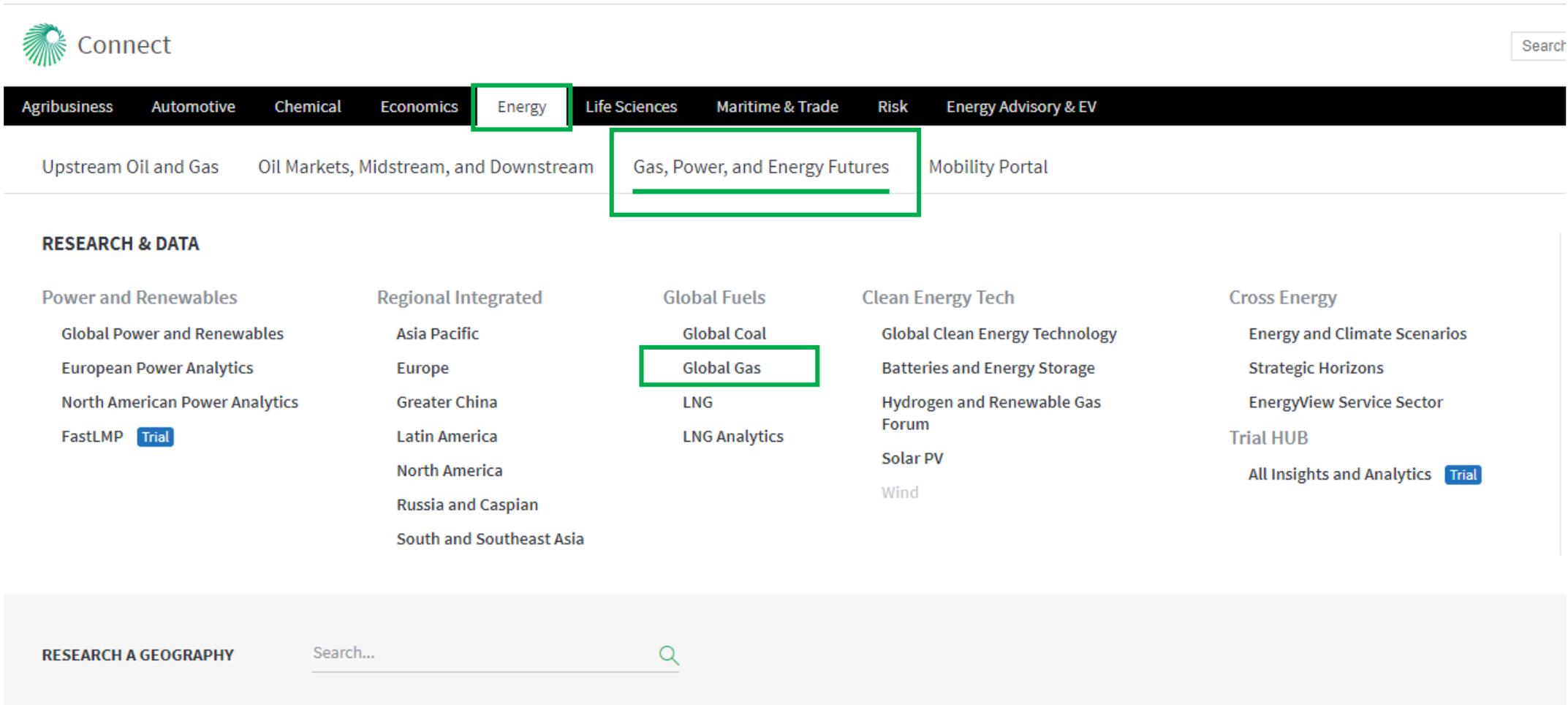
- **India Natural Gas Monthly Data Tables** - Data on historical monthly gas supply by source, production by player, LNG imports, demand by sector, gas-fired power capacity and generation by region, and gas pricing. Annual outlooks for LNG regasification capacity to 2020, and gas supply and demand to 2030.
- **India Natural Gas Quarterly Market Briefing** - The India Natural Gas Market Briefing Third Quarter 2016 provides a quarterly update of recent trends in gas supply, demand, and pricing as well as a review of recent policy and regulatory changes for the gas market.
- **India Regasification Outlook** - This report provides analysis on developments in LNG regasification by terminal and developer, including expected timelines for project start and key drivers/ risks of each project.
- **India Natural Gas Market Report and Data Tables** - This report provides detailed analysis of developments in India's natural gas sector and an outlook to 2030. Sections of the report include: Market overview and structure, Supply by source, Demand by sector, Infrastructure, Pricing, and Market outlook.
- **Pakistan Natural Gas Market Report and Data Tables** - The report covers the country's natural gas sector, including market structure, supply, demand, infrastructure, pricing, and outlooks.
- **Bangladesh Natural Gas Market Report and Data Tables** - The report covers the country's natural gas sector, including market structure, supply, demand, infrastructure, pricing, and outlooks.
- **Webinars** - Interactive presentation with IHS Markit experts providing analysis on recent market events, policy changes, and implications

Global Gas: Russian and Caspian

- **Country Attractiveness Index (Russia and Caspian only)** - Annual, rankings based on policy environment, resource, permitting, market maturity, price competition and country risk.
- **Regional Half-Year Updates** - Semi-Annual, a dashboard for Russia and Caspian region, tracking key metrics including policy and development trends.
- **Russia Watch** - Semi-Annual, features medium-term outlook for drivers of oil, gas, power and investment issues in Russia.
- **Caspian Watch** - Annual, features medium-term outlook for drivers of oil, gas, power and investment issues in the Caspian region.
- **Eurasia Oil Export Outlook report** - Semi-Annual, report consists of an excel model containing historical data and outlooks to 2030 based on different scenarios.
- **Eurasian Gas Export Outlook Report** - Semi-Annual, details gas production, consumption and exports from the Eurasian region with Outlooks to 2035.
- **Strategic Reports** - Periodic, provide insight on issues impacting the Russian and Caspian energy markets.
- **On Points and Market Briefs** - Periodic, Executive briefings analyzing recent market developments.
- **Summits** - Semi-Annual, focused on Eurasian oil and gas transportation issues.

Global Gas in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [Global Gas](#).



Connect Search

- Agribusiness
- Automotive
- Chemical
- Economics
- Energy**
 - Upstream Oil and Gas
 - Oil Markets, Midstream, and Downstream
 - Gas, Power, and Energy Futures**
 - Global Power and Renewables
 - European Power Analytics
 - North American Power Analytics
 - FastLMP Trial
 - Mobility Portal
- Life Sciences
- Maritime & Trade
- Risk
- Energy Advisory & EV

RESEARCH & DATA

Power and Renewables Global Power and Renewables European Power Analytics North American Power Analytics FastLMP Trial	Regional Integrated Asia Pacific Europe Greater China Latin America North America Russia and Caspian South and Southeast Asia	Global Fuels Global Coal Global Gas LNG LNG Analytics	Clean Energy Tech Global Clean Energy Technology Batteries and Energy Storage Hydrogen and Renewable Gas Forum Solar PV Wind	Cross Energy Energy and Climate Scenarios Strategic Horizons EnergyView Service Sector Trial HUB All Insights and Analytics Trial
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RESEARCH A GEOGRAPHY 

Gas Markets Home Page

Use the left-hand rail to browse research and analysis under **Home** and **Research** and data visualization under **Analytics**.

Global Gas <

- Home**
- Research
 - All Research
 - Featured Research
 - Key Outlooks
 - Webinars & Events
 - Country & Market Profiles
 - Data
 - Documentation
- Analytics
 - Market Dashboard
 - China Provincial Dashboard
- Video Library
- My Saved

The **Home** page displays various widgets for **Key Outlooks**, **Featured Research**, **Expert Analysis**, **Featured Experts**, **key data visualization**, and more.

Home

Key Outlooks

- US Natural Gas Weekly Storage Outlook, 4 August 2020**
04 Aug 2020 - Global Gas | Data
- Hong Kong Natural Gas Data Tables: July 2020**
30 Jul 2020 - Regional Integrated | Data
- Taiwan Natural Gas Data Tables: July 2020**
30 Jul 2020 - Regional Integrated | Data
- China Natural Gas Data Tables: July 2020**
27 Jul 2020 - Regional Integrated | Data

[MORE KEY OUTLOOKS](#)

Featured Research

- ENI discovers the largest gas field in Vietnam**
31 Jul 2020 - Regional Integrated | Insight
- Testing the limits: Absorbing US liquefaction capacity while balancing a soft LNG market**
30 Jul 2020 - LNG | Strategic Report
- Latin American Natural Gas Price Report: Southern Cone**
28 Jul 2020 - Regional Integrated | Data
- A major step in China's midstream reform: PipeChina's 500 billion yuan asset transfer scheduled for 30 September 2020**
27 Jul 2020 - Regional Integrated | Insight

[MORE FEATURED RESEARCH](#) [ALL RESEARCH](#)

Expert Analysis

The energy transition: How much and how fast?
Jul 30, 2020

Can the energy transition be accelerated? Executives from the world's leading oil and gas companies explore the issue in this CERAWEEK Conversation. Ahmad Al Khowaiter, Chief...

[MORE VIDEOS](#)

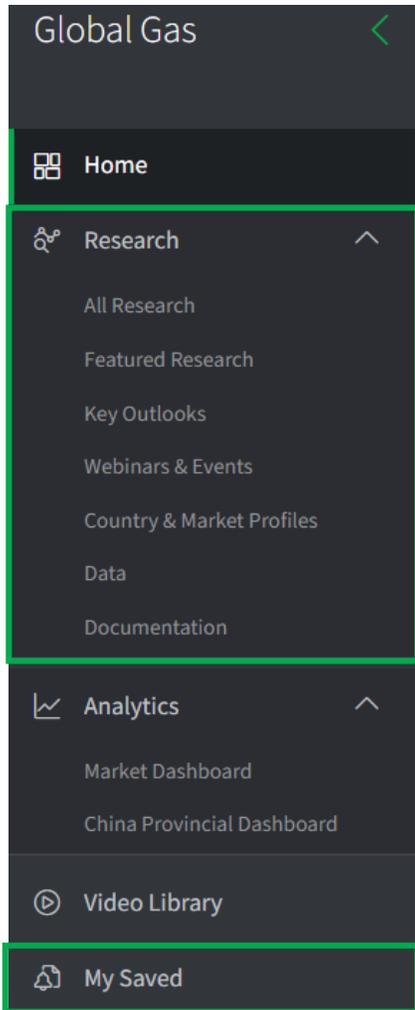
Featured Experts

- Shankari Srinivasan**
Vice President
Paris, France
- Michael Stoppard**
Chief Strategist, Global Gas, Energy, and Vice Chair of CERAWEEK
Paris, France
- James Taverner**
Senior Director
London - Ropemaker Place
- Frederick Ritter**
Analyst
Paris, France

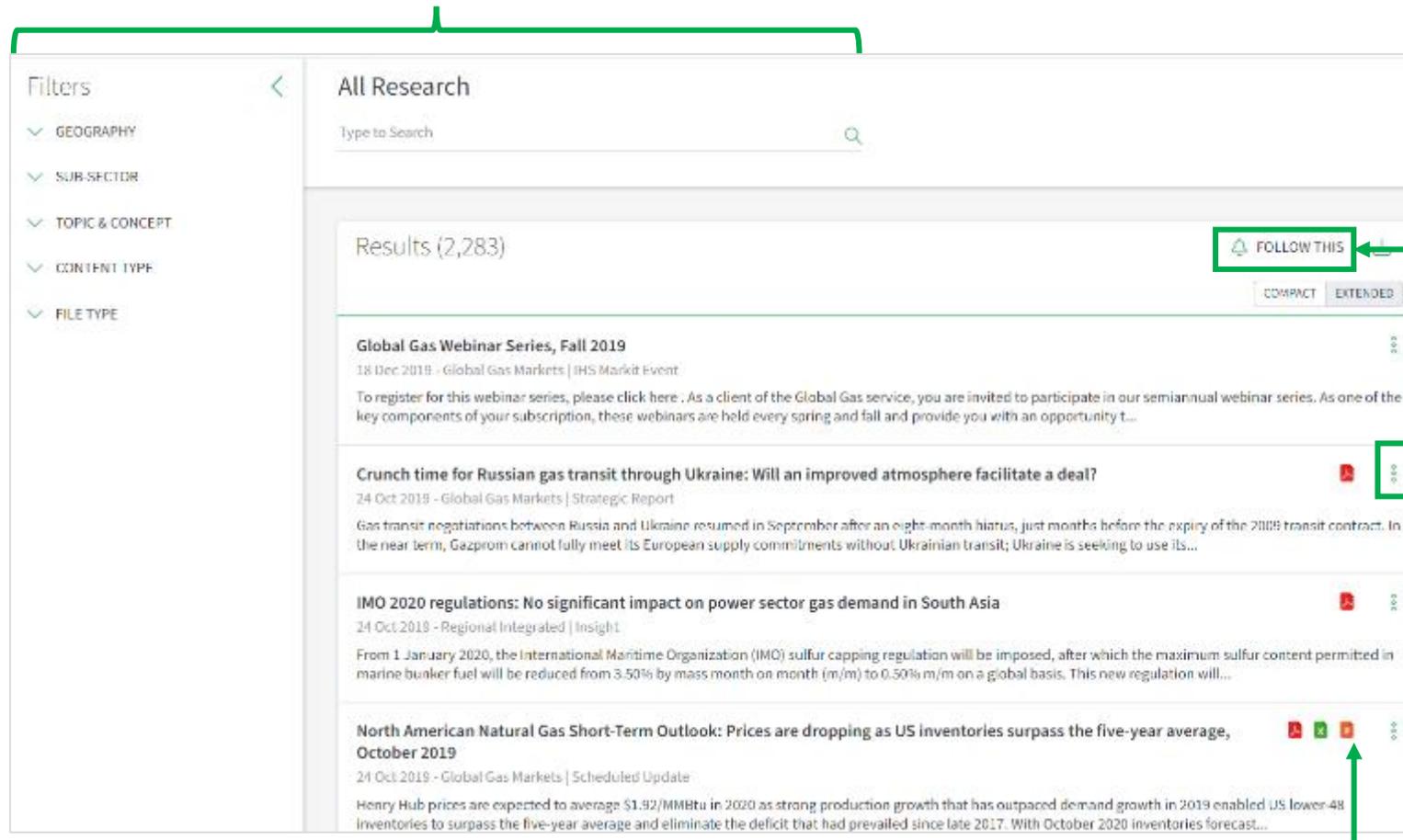
[EXPERT DIRECTORY](#)

Global Gas Markets Research Pages

Use the left-hand rail to click on **Research topics** to browse and narrow down **Global Gas** research.



Use green arrows to apply **filter options** and/or type a **keyword search**.



Apply filters or a search, then select **Follow This** to save the page and apply an email alert.

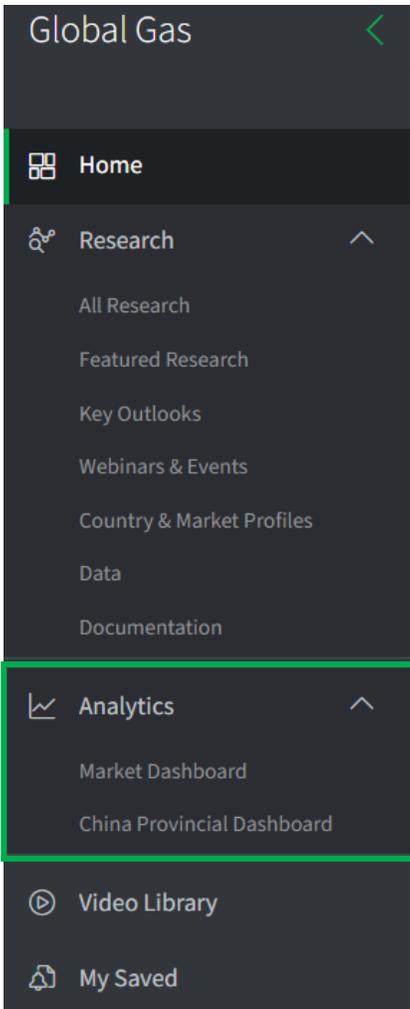
Save an individual document, and **share** with colleagues.

Saved content appears in **My Saved** (in the left hand rail).

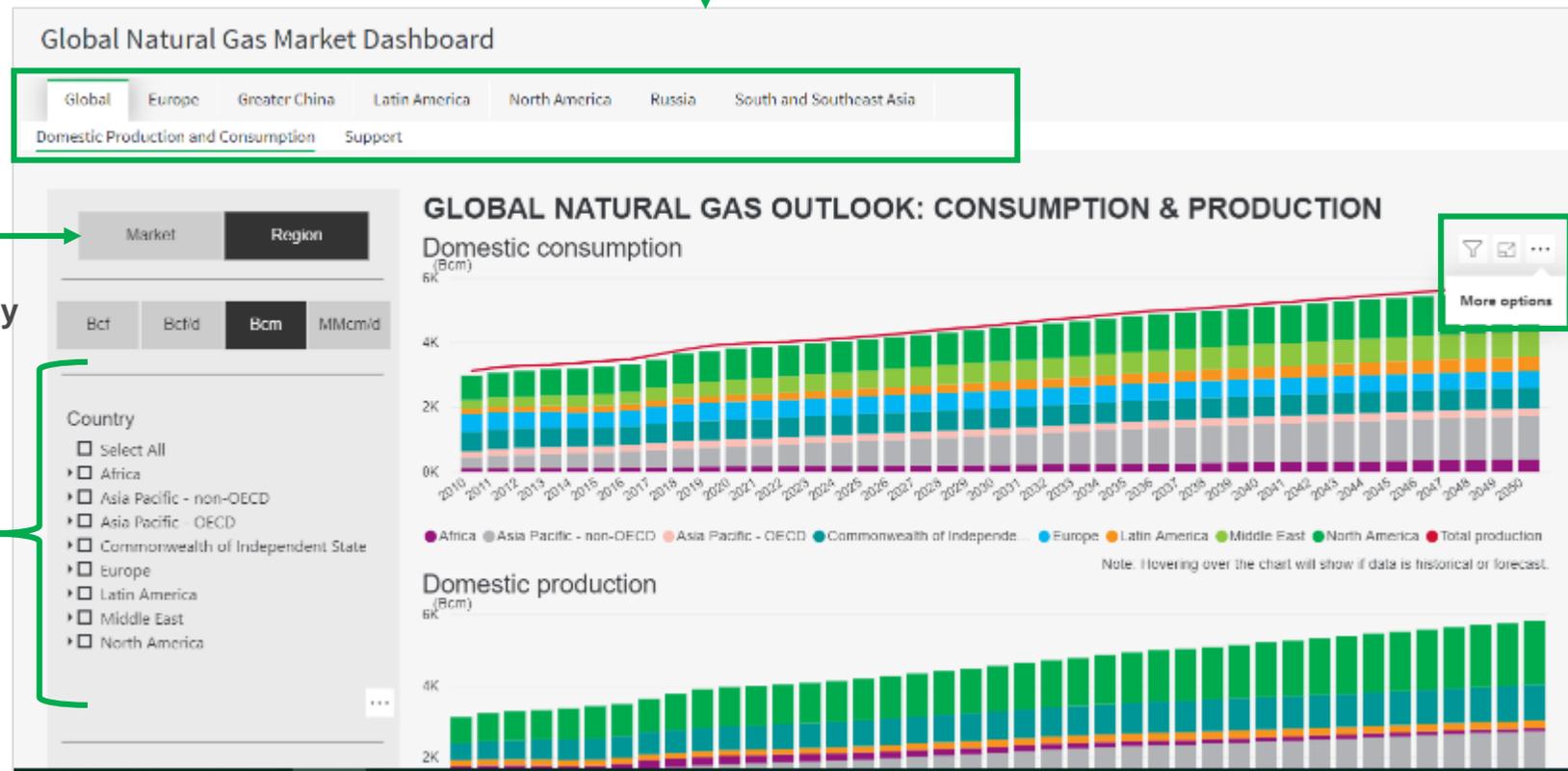
View and access **files** quickly.

Global Gas Markets Analytics

Use the left-hand rail to click on **Analytics** topics to customize and visualize related data.



Access **global regions and sub-chapters.**



View by **Concept** or **Geography**

Apply **filter options**

Click the **3-dot menu** to export data.

LNG

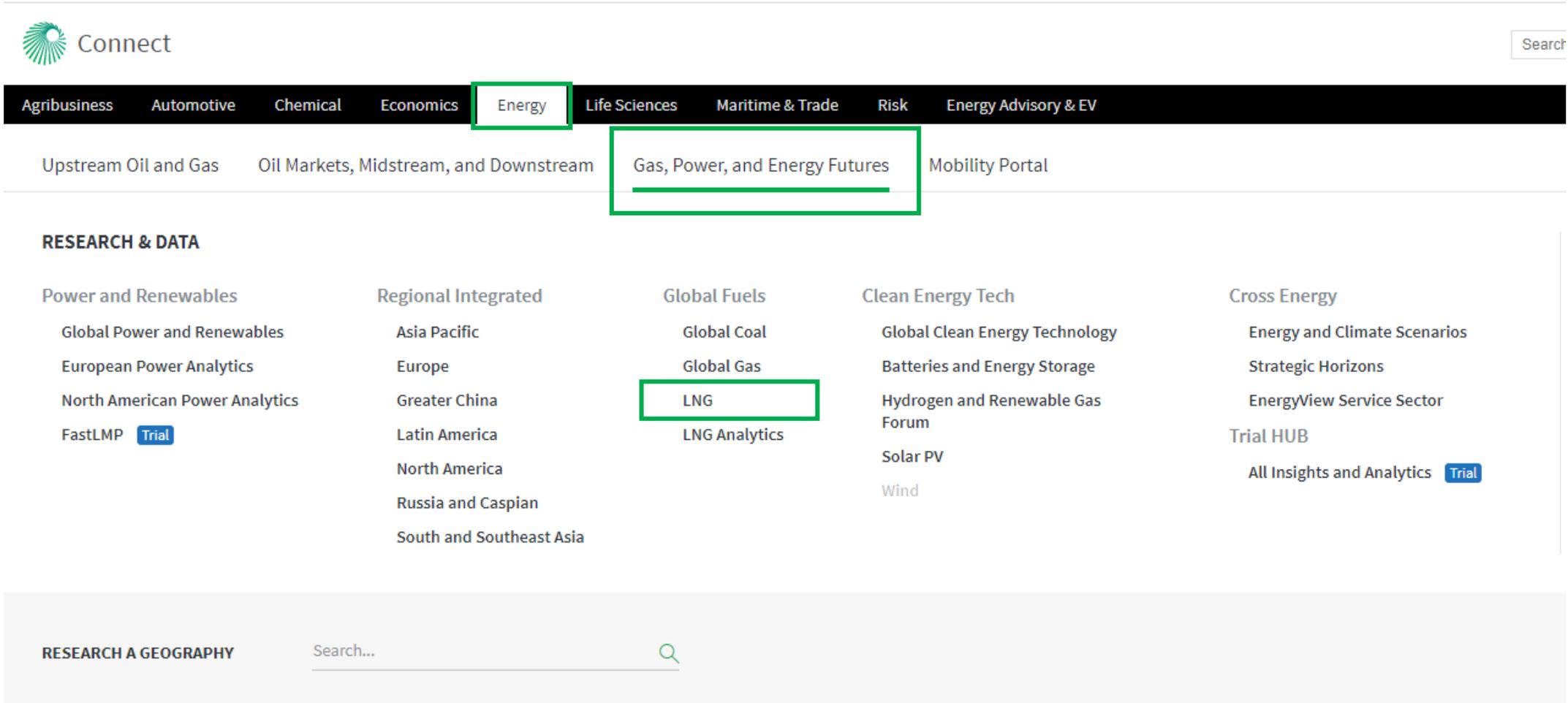
- **Monthly Market Briefing** - Comprehensive and integrated analysis of key drivers for supply, demand, trade and pricing; near-term (24 months) forecast of global balances, includes **Short-Term Tracker** graphs and data.
- **LNG Demand, Shipping and Liquefaction Outlooks** - Insights into key drivers of forecasts.
- **Topical Analysis** - Floating LNG, LNG in Transportation, Floating Regasification, etc.
- **Scenarios** - Detailed demand and liquefaction capacity forecasts to 2040 for the three IHS global energy scenarios, updated annually.
- **Long-Term Tracker** - Quarterly look at the last three months of market events impact on long-term balances.
- **Liquefaction** - Highly granular liquefaction project profiles (110+) updated 2-4x year; quarterly liquefaction outlook focusing on key contracting and engineering milestones.
- **Regasification** - Annual country regasification outlooks (20+) analyzing drivers of regasification investment; biannual floating regasification outlook; utilization analysis by terminal/country.
- **Markets** - Detailed country profiles (31) updated 3-4x year with supporting data updated monthly; quarterly outlook with market-by-market appraisal of supply/demand drivers; annual LNG supply/demand gap by country.
- **Trade** - Quarterly regional analysis (Global, Americas, Europe, Asia Pacific/Middle East) plus an annual report on global trade; historical bilateral trade data.
- **Company Strategies** - Company profiles (20) analyzing LNG value chain portfolios updated annually.
- **Strategy Assessments** - Reviews corporate, regional, and operational strategies of 50 companies and examines investment activity along the value chain and in different regions.
- **Data Sheets** - Provides company data on operations throughout the value chain, structured and formatted for easy use.
- **Highlights** - Reports the most important recent events and decisions in each company's gas business.

LNG Continued

- **Monitors**- Analysis of companies' positioning in key sectors of global gas markets. Regularly updated reports cover investments in North American shale gas and proposed long-haul gas pipelines.
- **Strategic Memos**- Address key gas trends and how they influence companies.
- **Midstream gas project data and maps**- Weekly updated data sheets and maps of liquefaction, regasification, and gas-to-liquids (GTL) projects. Includes portfolio data and benchmarking.
- **LNG Import and Export Volumes**- Monthly import and re-export volumes by importing country/terminal, exporting country.
- **Voyage-Specific Commercial Data**- Featuring spot shipment identification, buyer/seller, charter information, pricing.
- **Activity Alerts**- Port-specific notifications as new shipments are identified, alerts of marketplace activity.
- **Expert Analysis**- Time-sensitive identification of emerging trends in the data and commercial intelligence.
- **LNG Production Tracker**- Monthly LNG production by country vs. nameplate capacity, monitor liquefaction plant status.

LNG in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [LNG](#).



Connect Search

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream **Gas, Power, and Energy Futures** Mobility Portal

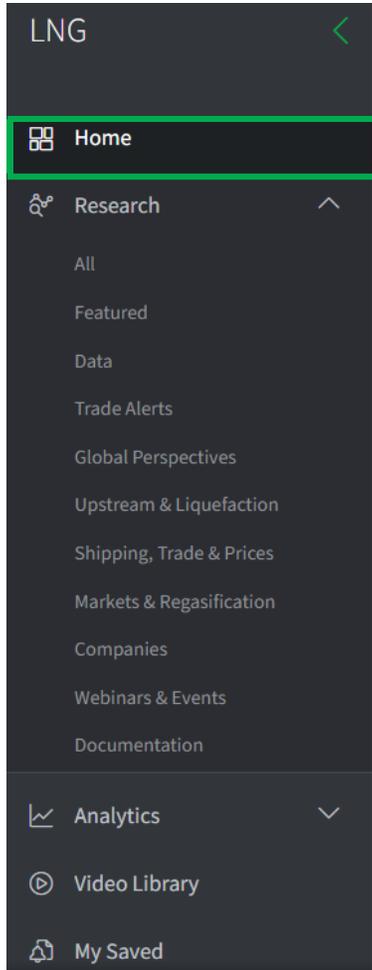
RESEARCH & DATA

Power and Renewables	Regional Integrated	Global Fuels	Clean Energy Tech	Cross Energy
Global Power and Renewables	Asia Pacific	Global Coal	Global Clean Energy Technology	Energy and Climate Scenarios
European Power Analytics	Europe	Global Gas	Batteries and Energy Storage	Strategic Horizons
North American Power Analytics	Greater China	LNG	Hydrogen and Renewable Gas Forum	EnergyView Service Sector
FastLMP Trial	Latin America	LNG Analytics	Solar PV	Trial HUB
	North America		Wind	All Insights and Analytics Trial
	Russia and Caspian			
	South and Southeast Asia			

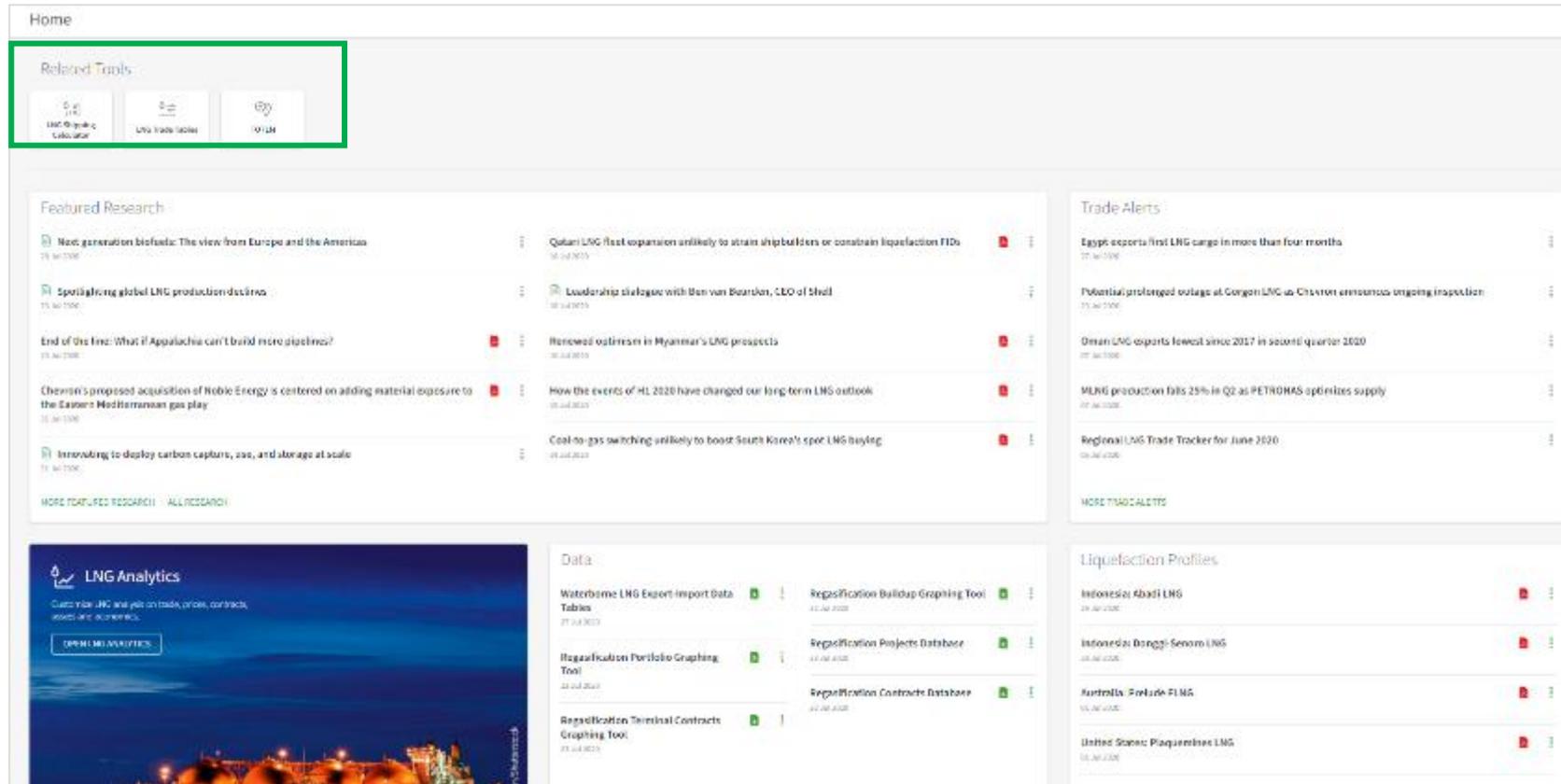
RESEARCH A GEOGRAPHY Search... 

LNG Home Page

Use the left-hand rail to browse research and analysis under **Home** and **Research** and data visualization under **Related Tools**.



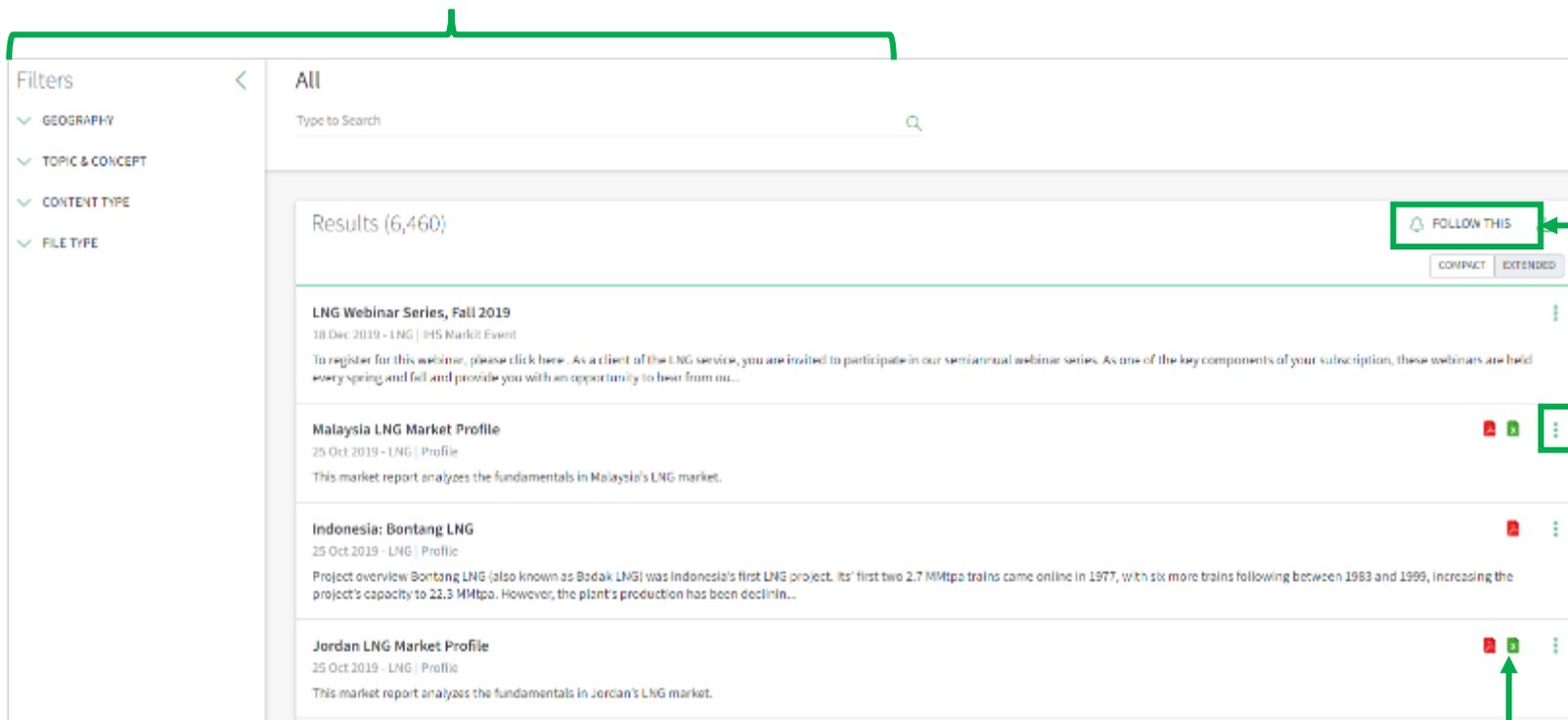
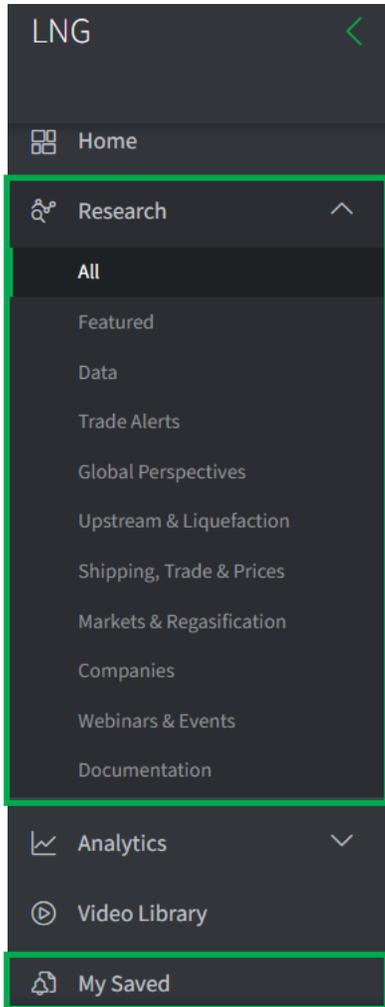
The **Home** page displays **Related Tools** and various widgets for **Featured Research**, **Trade Alerts**, **Data & Maps**, and **more**.



LNG Research Pages

Use the left-hand rail to click on **Research topics** to browse and narrow down **LNG** research by topic.

Apply **filter options** or type a **keyword search**.



Apply filters or a search, then select **Follow This** to save the page and apply an email alert.

Save an individual document, and **share** with colleagues.

Saved content appears in **My Saved** (in the left hand rail).

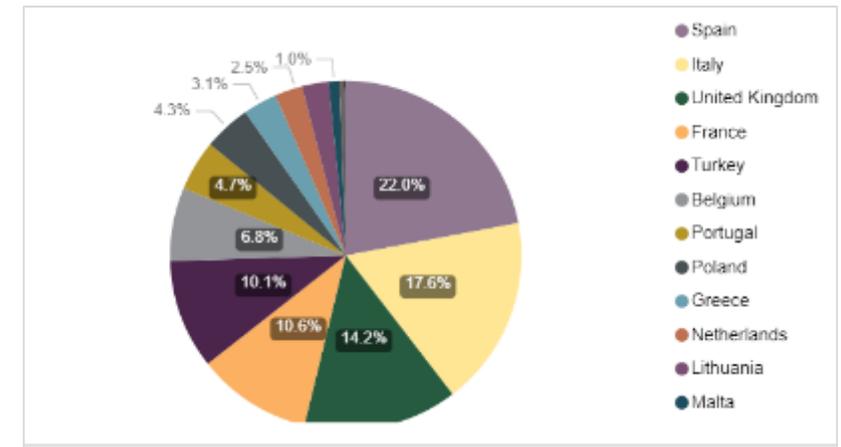
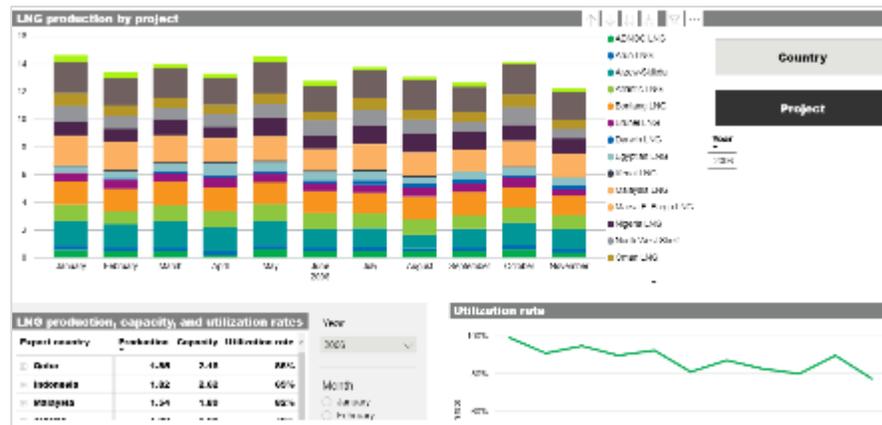
View and access **files** quickly.

LNG Research Pages

Use the left-hand rail to click on **Analytics** to access **Maps**, **LNG Production Tracker** and **Regional LNG Trade Tracker**

LNG

- Home
- Research
- Analytics**
- Liquefaction Map
- Regasification Map
- LNG Production Tracker
- Regional LNG Trade Tracker
- Video Library
- My Saved



PEPS Oil & Gas Risk

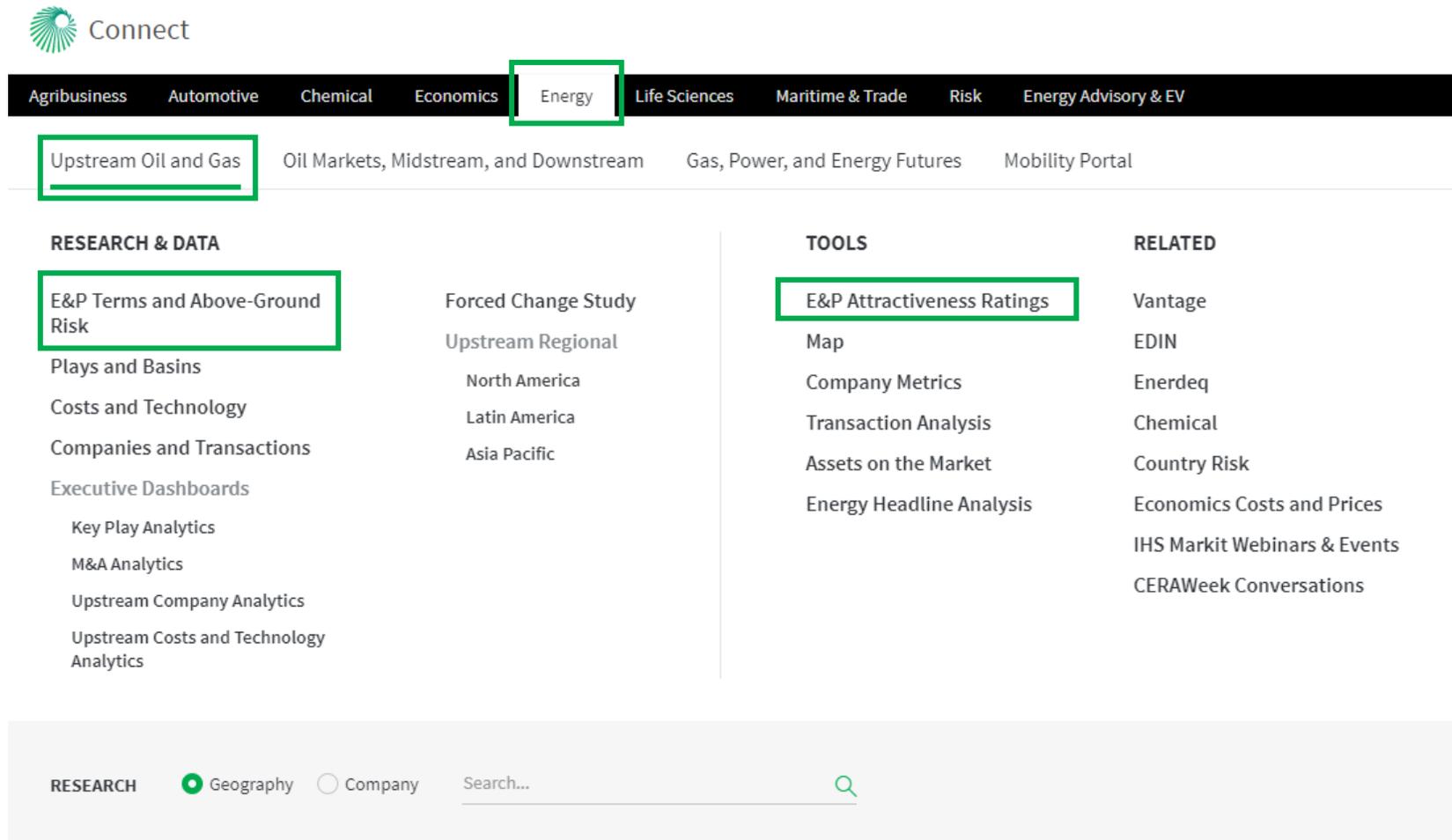
Country-level screening for E&P investment opportunities, and for monitoring and evaluating existing upstream portfolio assets.

Oil & Gas Risk Deliverables

- **Research Notes and Briefs:** Ongoing monitoring and timely analysis of changes to energy policy, investor relations and operational risks tied into OGRS risk factors. *Ad-hoc*
- **Special Reports and Quarterlies:** Detailed analysis of emerging trends affecting investors on a regional, thematic and country level. *Quarterly*
- **Country Profiles:** Analysis of government policy and decision making, energy fundamentals, and competitive environment in top hydrocarbon producing countries. *Ongoing basis*
- **Risk Commentaries:** Overview and analysis of the country-level drivers for each of the risk rating components. *Ongoing basis*
- **Webinars:** Delivered by the best IHS Markit energy thought leaders. *Ad-hoc at least 4 per year*

Access Oil and Gas Risk in Connect

In Connect, hover over the **Energy** menu > **Upstream Oil and Gas** > click on [E&P Terms and Above-Ground Risk](#).



Connect

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream Gas, Power, and Energy Futures Mobility Portal

RESEARCH & DATA		TOOLS	RELATED
E&P Terms and Above-Ground Risk	Forced Change Study	E&P Attractiveness Ratings	Vantage
Plays and Basins	Upstream Regional	Map	EDIN
Costs and Technology	North America	Company Metrics	Enerdeq
Companies and Transactions	Latin America	Transaction Analysis	Chemical
Executive Dashboards	Asia Pacific	Assets on the Market	Country Risk
Key Play Analytics		Energy Headline Analysis	Economics Costs and Prices
M&A Analytics			IHS Markit Webinars & Events
Upstream Company Analytics			CERAWeek Conversations
Upstream Costs and Technology Analytics			

RESEARCH Geography Company Search... 

Oil & Gas Risk Navigation in Connect

- E&P Terms and Above-Ground Risk <
- Home
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- All
- Oil & Gas Risk
- Webinars & Events
- Data Visualizations v
- Data Query Tools v
- Country & Regime Comparison Tool
- Laws & Contracts Library
- Service Documentation v
- My Saved

Home: Displays various widgets for **Key Developments, Featured Analysis, and data visualizations.**

Analysis: Browse all **Oil & Gas Risk Commentaries, Country Profiles, and Insights.**

Data Visualizations: Customize, visualize, and export data in the **E&P Attractiveness Ratings** tool.

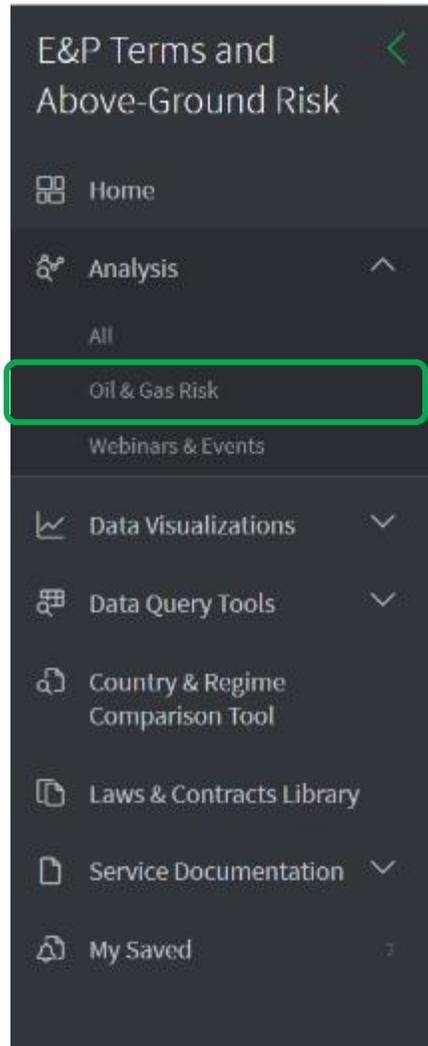
Data Query Tools: Run custom data queries across **E&P Attractiveness Ratings.**

Country & Regime Comparison Tool: Quickly compare **Risk Commentaries**, and group and export multiple Commentary sections.

Service Documentation: Access **PEPS Methodology** documents.

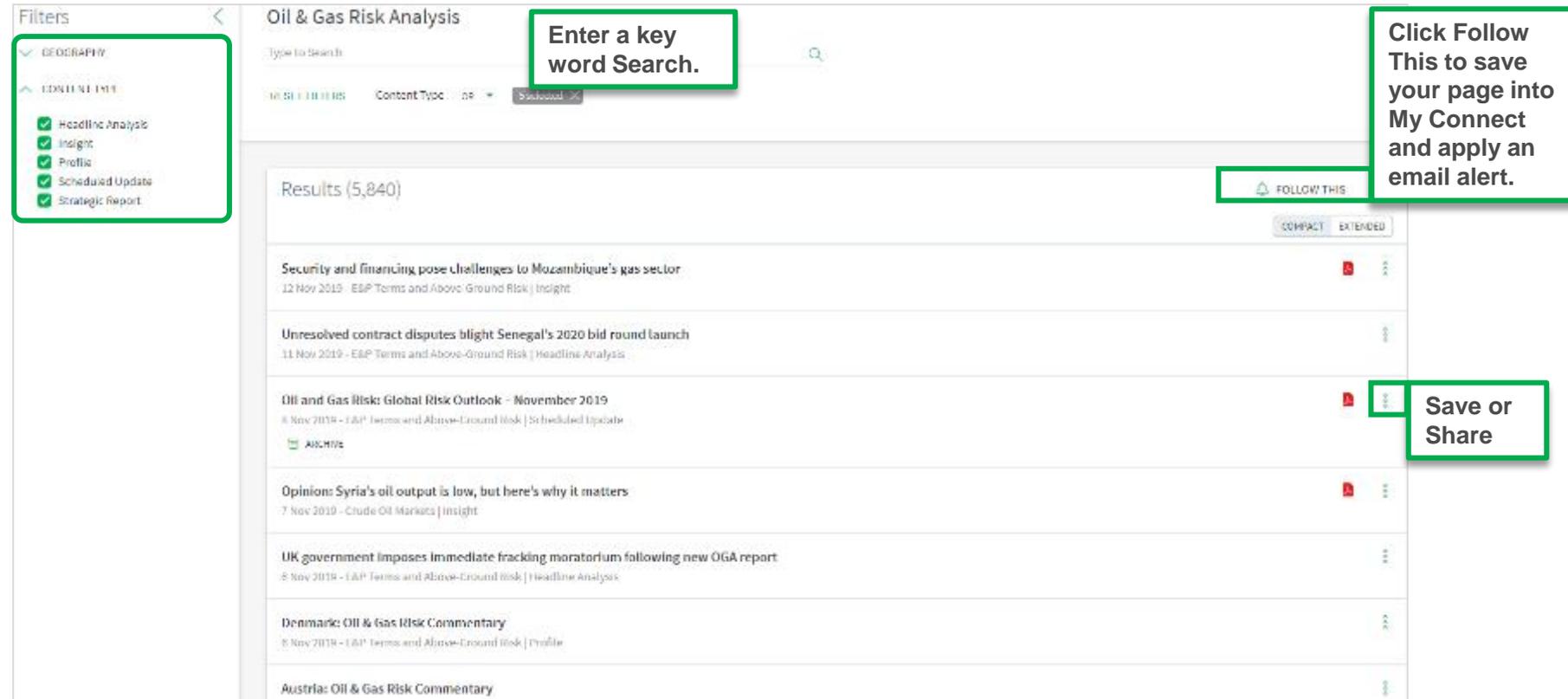
My Saved: Access your saved tool queries and data visualizations.

Oil & Gas Risk: Research Deliverables



Under the Analysis section, click on **Oil & Gas Risk** to access the **Oil & Gas Risk** research deliverables. **Apply filters:**

- **Profile** for **Country Profiles** and **Risk Commentaries**.
- **Scheduled Update** for **Oil & Gas Risk Quarterlies**.
- **Insight** and **Strategic Report** for ad-hoc analysis of changes to energy policy, investor relations and operational risks tied into OGRS risk factors.



Enter a key word Search.

Click Follow This to save your page into My Connect and apply an email alert.

Save or Share

Filters

GEOGRAPHY

CONTENT TYPE

- Headline Analysis
- Insight
- Profile
- Scheduled Update
- Strategic Report

Results (5,840)

Security and financing pose challenges to Mozambique's gas sector
12 Nov 2019 - E&P Terms and Above-Ground Risk | Insight

Unresolved contract disputes blight Senegal's 2020 bid round launch
11 Nov 2019 - E&P Terms and Above-Ground Risk | Headline Analysis

Oil and Gas Risk: Global Risk Outlook - November 2019
8 Nov 2019 - E&P Terms and Above-Ground Risk | Scheduled Update

Opinion: Syria's oil output is low, but here's why it matters
7 Nov 2019 - Crude Oil Markets | Insight

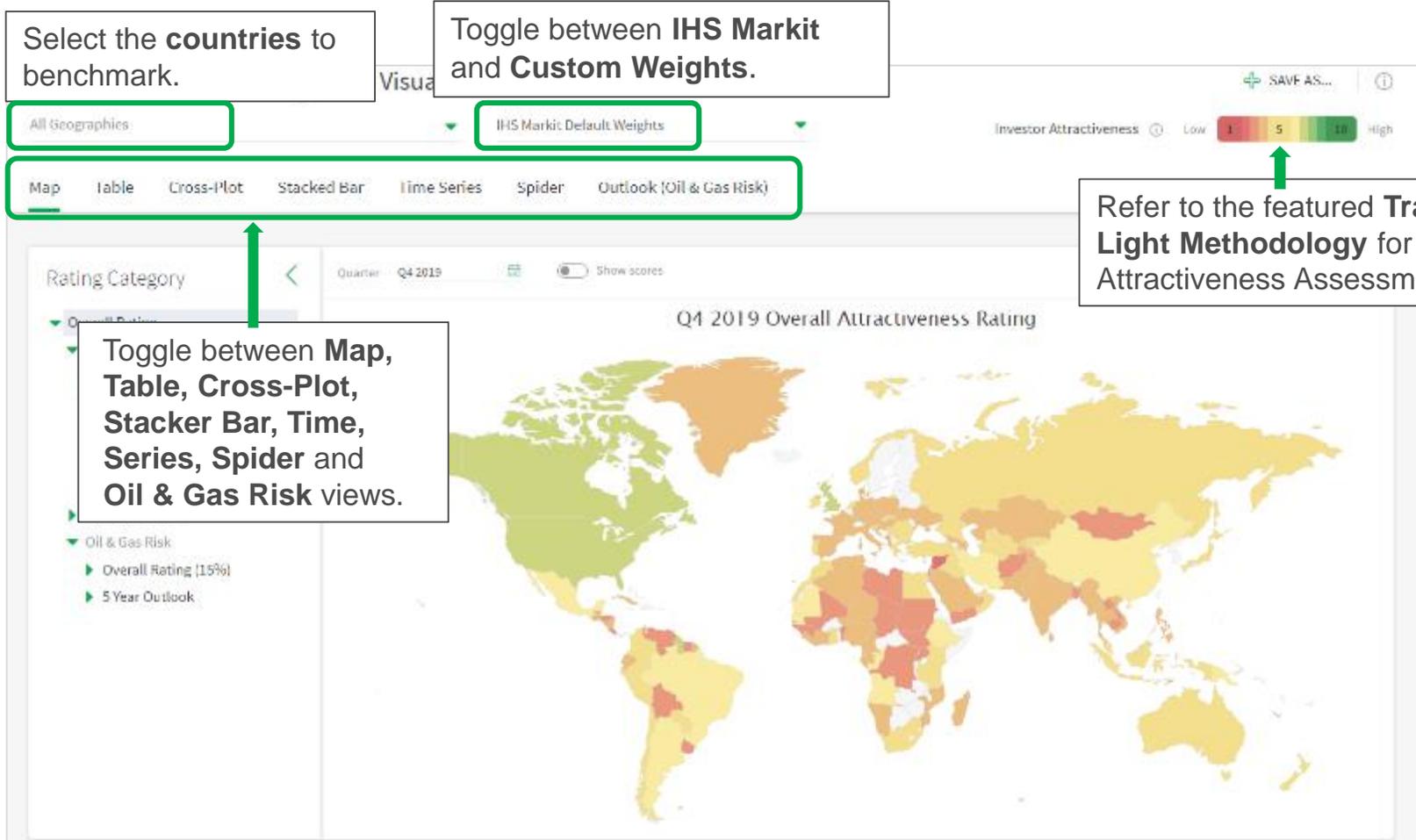
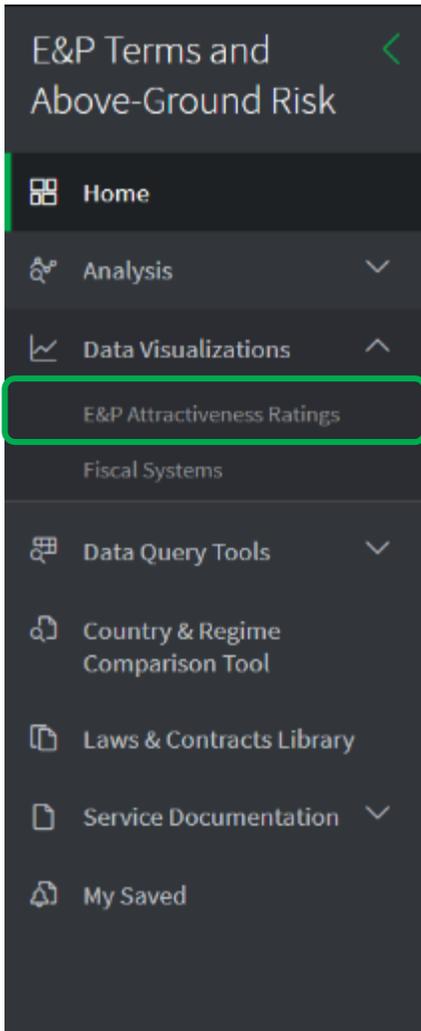
UK government imposes immediate fracking moratorium following new OGA report
8 Nov 2019 - E&P Terms and Above-Ground Risk | Headline Analysis

Denmark: Oil & Gas Risk Commentary
8 Nov 2019 - E&P Terms and Above-Ground Risk | Profile

Austria: Oil & Gas Risk Commentary

E&P Attractiveness Ratings Tool: Common Components

In the **Data Visualization** section, select **E&P Attractiveness Ratings tool** to visualize, customize and export the **IHS Markit E&P Attractiveness Ratings** across multiple risk factors and categories using multiple benchmarking tools.



Select the **countries** to benchmark.

Toggle between **IHS Markit** and **Custom Weights**.

All Geographies

IHS Markit Default Weights

Map Table Cross-Plot Stacked Bar Time Series Spider Outlook (Oil & Gas Risk)

Refer to the featured **Traffic Light Methodology** for E&P Attractiveness Assessment.

Toggle between **Map, Table, Cross-Plot, Stacker Bar, Time, Series, Spider** and **Oil & Gas Risk** views.

E&P Attractiveness Ratings Tools: Weighting Scenario Selector

E&P Terms and Above-Ground Risk <

- Home
- Analysis
- Data Visualizations
- E&P Attractiveness Ratings**
- Fiscal Systems
- Data Query Tools
- Country & Regime Comparison Tool
- Laws & Contracts Library
- Service Documentation
- My Saved

E&P Attractiveness Ratings Data Visualizations

All Geographies | Investor Attractiveness ⓘ Low

Map | Table | Cross-Plot | Stacked Bar | Time Series

Rating Category <

- Overall Rating
 - Activity & Success
 - Overall Rating (50%)
 - Fiscal Systems
 - Overall Rating (35%)
 - Oil & Gas Risk
 - Overall Rating (15%)
 - 5 Year Outlook

Quarter Q4 2019

Overall Attractiveness Rating

Standard Weights

IHS Markit Default Weights

Alternative Weights

Above-Ground Focus

Custom Weights

NEW CUSTOM WEIGHTS

Default is the standard weighting scenario.

Quick click to a scenario that excludes Activity & Success.

Click here to **create a new weighting** scenario.

E&P Attractiveness Ratings Data Query Tool

- E&P Terms and Above-Ground Risk <
- Home
- Analysis >
- Data Visualizations >
- Data Query Tools >
- E&P Attractiveness Ratings**
- Country & Regime Comparison Tool
- Laws & Contracts Library
- Service Documentation >
- My Saved** 2

In the **Data Query Tools** section, click on **E&P Attractiveness Ratings** to access a snapshot view of Oil & Gas Risk ratings.

Apply the available filters to customize your query by Geography, Ratings Issues and Weights. Click **Submit** to view results.

E&P Attractiveness Ratings Query Tool

Geography: All geographies ▼

Ratings Issues: All ratings issues ▼

Weights Profiles: IHS Markit Default Weights ▼

+ SAVE AS...

Click Save As to save into My Saved.

RESET ALL CANCEL SUBMIT

E&P

From: Pick quarter To: Pick quarter ⓘ All dates are in UTC

↓ EXPORT...

Filter and Export data.

		Summary		
Country/Territory	Ratings Issue	E&P Attractiveness Overall	Fiscal Systems Overall	Oil & Gas Risk Overall
Kazakhstan	2019 4Q			
Canada	2019 4Q			

Filter...

- Country/Territory
- Ratings Issue
- Summary
- E&P Attractiveness
- Fiscal Systems Over
- Oil & Gas Risk Over

(OGR) Country & Regime Comparison Tool: Oil & Gas Risk Commentaries

E&P Terms and Above-Ground Risk <

- Home
- Analysis ^
 - All
 - Legal Regimes
 - Fiscal Systems
 - Oil & Gas Risk
 - Webinars & Events
- Data Visualizations v
- Data Query Tools v
- Country & Regime Comparison Tool**
- Laws & Contracts Library
- Service Documentation v
- My Saved**

Click on the **Country & Regime Comparison Tool** to quickly compare **Risk Commentaries** providing rationales behind the ratings for any of the 21 different risk factors for a given set of countries.

Select **Oil & Gas Risk Commentary** from the **Resource** drop-down box. Then select **Countries** and **Report Sections** of interest. Click **Submit** to view **Results**.

Select the checkboxes under Results to group and export.

The screenshot shows the tool's interface with the following elements highlighted:

- Resource:** A dropdown menu with "Legal and Contractual Terms" selected.
- Country/Territory:** A dropdown menu with "Oil & Gas Risk Commentary" selected.
- Report Sections:** A dropdown menu with "Government" selected.
- Buttons:** "SAVE AS...", "RESET ALL", "CANCEL", "SUBMIT", and "EXPORT..." are highlighted.
- Results Table:** A table with 89 results. The first three rows are highlighted with checkboxes:

<input type="checkbox"/>	Country/Territory	Topic	Title	Summary Text	Published Date
<input checked="" type="checkbox"/>	Venezuela, Bolivarian Republic of	Hydrocarbon Sector Entry	Government Take	Government take for Venezuela is based on Indicative royalty tax terms under the 2006 Hydrocarbons Organic Law and the 2006 Model Contract and compares unfavourably to regional peers. In August 2018, Venezuela announced in its official gazette that PDVSA, its affiliates, and its joint-venture (JV) partners would be exempted from the Petroleum Corporate Income Tax – a 50% tax on income derived from oil production activities. The exemption only applied from 1 January 2018 through 31 December 2018....	03 Oct 2019
<input checked="" type="checkbox"/>	Argentina	Hydrocarbon Sector Entry	Government Take	Government take for Argentina is based on the 2018 Royalty Tax Terms. This includes a standard royalty rate of 12% and a 35% tax on profits (effective combined rate of income tax and tax on repatriated profits). Congress approved a tax reform in December 2017 that will bring about a gradual reduction of the corporate income tax rate for companies that reinvest profits to 30% for 2018 and 2019 and 25% from 2020. The effective rate will remain at 35% for profits that are not reinvested in the coun....	03 Oct 2019
<input type="checkbox"/>	Ukraine	Hydrocarbon Sector Entry	Government Take	Government take for Ukraine is "high" (classified as between 65% and 85%, according to IHS Markit methodology), based on royalty tax terms according to the provisions of the 2010 tax code.	30 Sep 2019

Plays and Basins

Assessments of the current status, resource development inventory, and growth prospects for world's leading growth plays.

Plays and Basins Deliverables

Plays and Basins North America: provides critical judgment and authoritative perspectives with the most comprehensive forward-looking analysis of oil and gas exploration and development in onshore unconventional plays in North America.

- Quarterly supply forecasts (reports and accompanying xls files with underlying data) including comprehensive views and scenario analysis of operator strategy, investor expectations, global commodity markets, midstream and service sector capacity, and play trend analysis
- Semi-annual updates to North America unconventional play workbooks (reports and accompanying xls files with underlying data)
- Ad hoc coverage of legacy and emerging plays
- Memos catered to clients with upstream interest or exposure including operator strategy and activity, recent mergers and acquisitions, aboveground issues, and leading-edge data analysis
- Key Play Analytics, online interactive visualization for analysis and evaluation of plays and operators critical elements in industry
- Access to analysts via webinars, events and onsite engagements

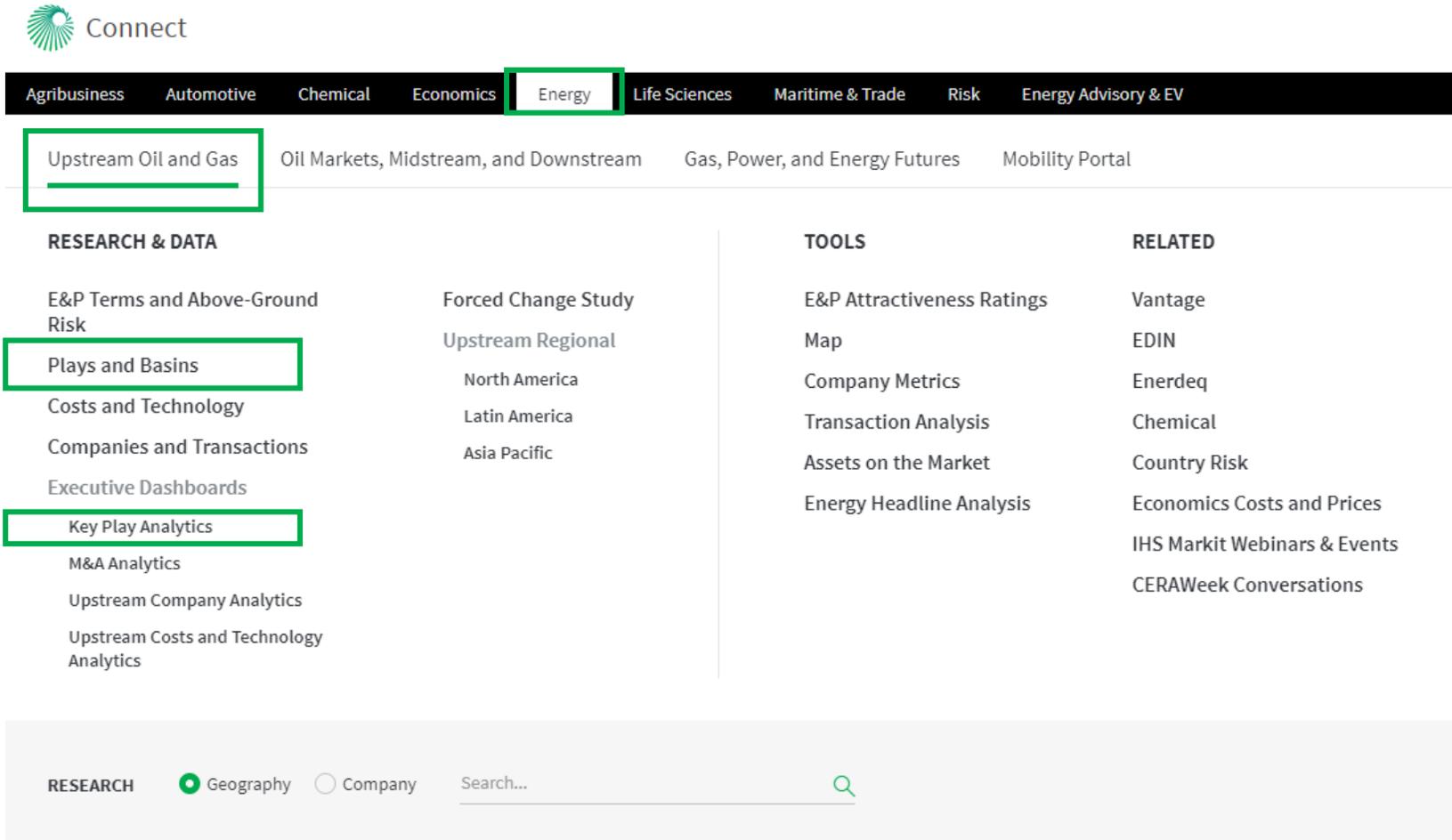
Basin Insights: leading source for commercial and strategic advisory into changes in the E&P Industry's perception of a play's or basin's commercial value; integrates competitive landscape analysis, resource potential and above ground risks. Identifying changes in the industry's perception of the commercial value of a play or basin.

- **Basin Reports:** Provides advisory that is forward looking, analytical evaluation of the commercial and strategic implication of E&P activity that alters a basin's future investment and development trajectory. **Two to three (2-3) per month.**
- **E&P Trends & Analysis:** ongoing independent commentary with strategic and commercial analysis of basin competitiveness and attractiveness that considers both below-and-above-ground perspectives. Competitive assessments rank a given basin versus other basins, with particular focus on future investment opportunities and strategic portfolio fit. **Dictated by events and selected basins (several times per quarter).**
- Webinars / Workshops with access to analysts

Plays and Basins in Connect

In Connect, hover over the **Energy** menu > **Plays and Basins** > Click on [Plays and Basins](#) topics.

Access **Key Play Analytics** data tool under **Executive Dashboards**.



Connect

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream Gas, Power, and Energy Futures Mobility Portal

RESEARCH & DATA

- E&P Terms and Above-Ground Risk
- Plays and Basins**
- Costs and Technology
- Companies and Transactions
- Executive Dashboards
- Key Play Analytics**
- M&A Analytics
- Upstream Company Analytics
- Upstream Costs and Technology Analytics

Forced Change Study

Upstream Regional

- North America
- Latin America
- Asia Pacific

TOOLS

- E&P Attractiveness Ratings
- Map
- Company Metrics
- Transaction Analysis
- Assets on the Market
- Energy Headline Analysis

RELATED

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- Chemical
- Country Risk
- Economics Costs and Prices
- IHS Markit Webinars & Events
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RESEARCH Geography Company Search... 

Plays & Basins Page Navigation

Use the left-hand rail to browse research and analysis under **Home** and **Research** and data visualization under **Analytics**.

Commercial Plays & Basins <

Home

Commercial Plays & Basins Research ^

All

Play & Basin Profiles

E&P Trends & Analysis

Webinars & Events

Data Visualizations ^

Key Play Analytics

Video Library

Technical Data & Editorial v

My Saved

The **Home** page displays various widgets for **Featured Research**, **Expert Analysis**, **Featured Experts**, **Key data visualization**, and more.

Featured Research

Upstream Insight: US rig update 8 April 2020 - The reduction accelerates and reallocation begins
09 Apr 2020 - Plays and Basins | Insight

Powder River Basin: Another good but limited play
24 Mar 2020 - Plays and Basins | Profile

Ten upstream issues for 2020
20 Feb 2020 - Plays and Basins | Insight

Basin Report: Assessing the stratigraphic, areal, and economic limits of the offshore, commercial plays in the Guyana Basin
09 Apr 2020 - Plays and Basins | Profile

Basin Report: Tano Basin: Weak oil prices and a fractured competitive landscape may delay assessment of promising basin potential
07 Apr 2020 - Plays and Basins | Profile

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Expert Analysis



North American activity update, 9 April: Tracking daily rig activity and reallocations
Apr 13, 2020

The North American upstream research by the Plays and Basins team at IHS Markit is tracking the oil market and North American onshore activities, where we provide...

[MORE VIDEOS](#)

Featured Experts

 **Reed Olmstead**
Director
Houston, Texas

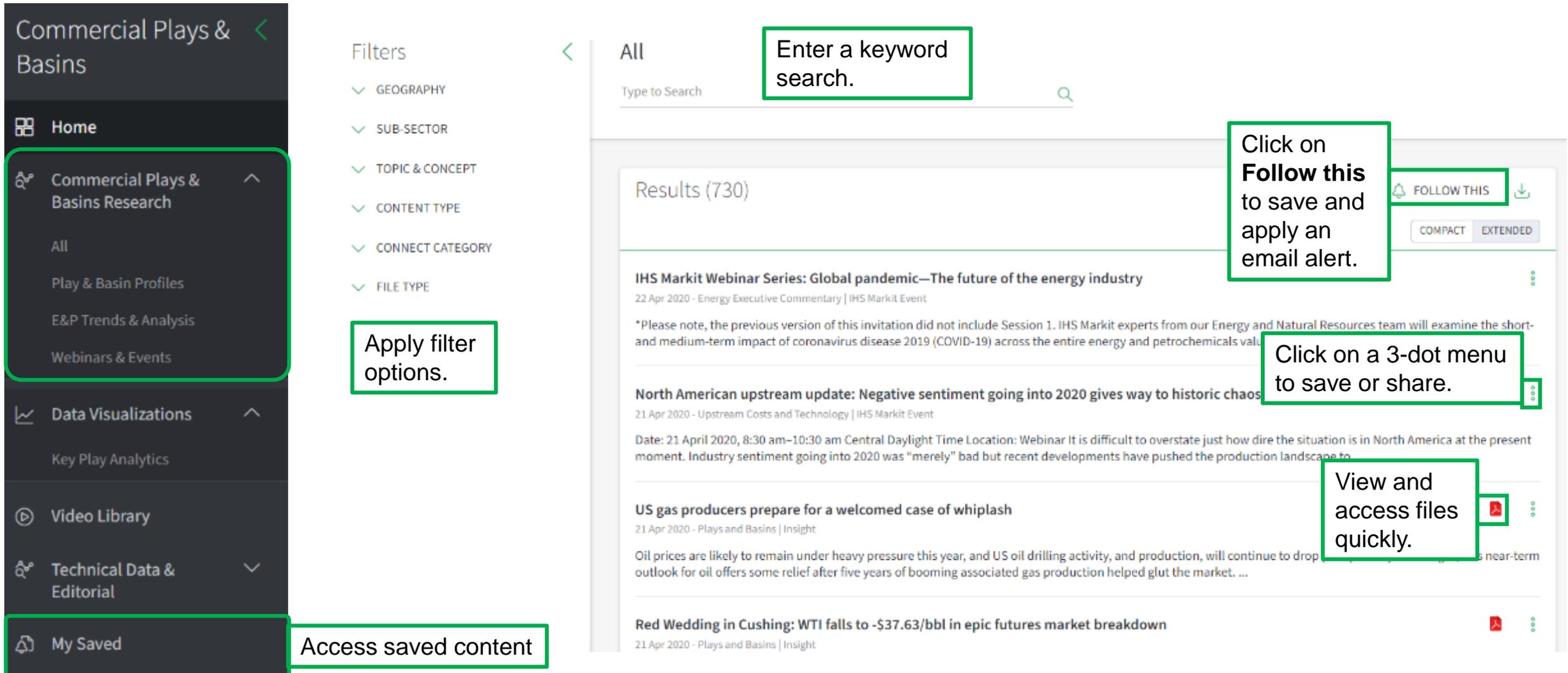
 **Jerry Kepes**
Head, Plays and Basins, Upstream

 **David McCaleb**
Director

[EXPERT DIRECTORY](#)

Plays & Basins Research Page Navigation

Use the left-hand rail to click on **Research topics** to browse and narrow down research.



The screenshot displays the IHS Markit interface for 'Commercial Plays & Basins Research'. The left-hand navigation rail is highlighted with a green box and contains the following items: Home, Commercial Plays & Basins Research (highlighted with a green box), All, Play & Basin Profiles, E&P Trends & Analysis, Webinars & Events, Data Visualizations, Video Library, Technical Data & Editorial, and My Saved (highlighted with a green box). A callout box points to the 'Commercial Plays & Basins Research' item with the text 'Apply filter options.' Another callout box points to the 'My Saved' item with the text 'Access saved content'. The main content area shows a search bar with the text 'Enter a keyword search.' and a search icon. Below the search bar, there are filter options: GEOGRAPHY, SUB-SECTOR, TOPIC & CONCEPT, CONTENT TYPE, CONNECT CATEGORY, and FILE TYPE. The search results section is titled 'Results (730)' and lists several articles. Callout boxes provide instructions for each article: 'Click on Follow this to save and apply an email alert.' (pointing to the 'FOLLOW THIS' button), 'Click on a 3-dot menu to save or share.' (pointing to the 3-dot menu icon), and 'View and access files quickly.' (pointing to the PDF icon).

Commercial Plays & Basins

Home

Commercial Plays & Basins Research

All

Play & Basin Profiles

E&P Trends & Analysis

Webinars & Events

Data Visualizations

Key Play Analytics

Video Library

Technical Data & Editorial

My Saved

Filters

- GEOGRAPHY
- SUB-SECTOR
- TOPIC & CONCEPT
- CONTENT TYPE
- CONNECT CATEGORY
- FILE TYPE

Apply filter options.

Access saved content

Enter a keyword search.

Type to Search

Results (730)

IHS Markit Webinar Series: Global pandemic—The future of the energy industry

22 Apr 2020 - Energy Executive Commentary | IHS Markit Event

*Please note, the previous version of this invitation did not include Session 1. IHS Markit experts from our Energy and Natural Resources team will examine the short- and medium-term impact of coronavirus disease 2019 (COVID-19) across the entire energy and petrochemicals value chain.

Follow this to save and apply an email alert.

Click on a 3-dot menu to save or share.

View and access files quickly.

North American upstream update: Negative sentiment going into 2020 gives way to historic chaos

21 Apr 2020 - Upstream Costs and Technology | IHS Markit Event

Date: 21 April 2020, 8:30 am–10:30 am Central Daylight Time Location: Webinar It is difficult to overstate just how dire the situation is in North America at the present moment. Industry sentiment going into 2020 was “merely” bad but recent developments have pushed the production landscape to a new level of uncertainty.

US gas producers prepare for a welcomed case of whiplash

21 Apr 2020 - Plays and Basins | Insight

Oil prices are likely to remain under heavy pressure this year, and US oil drilling activity, and production, will continue to drop as a result of the near-term outlook for oil offers some relief after five years of booming associated gas production helped glut the market. ...

Red Wedding in Cushing: WTI falls to -\$37.63/bbl in epic futures market breakdown

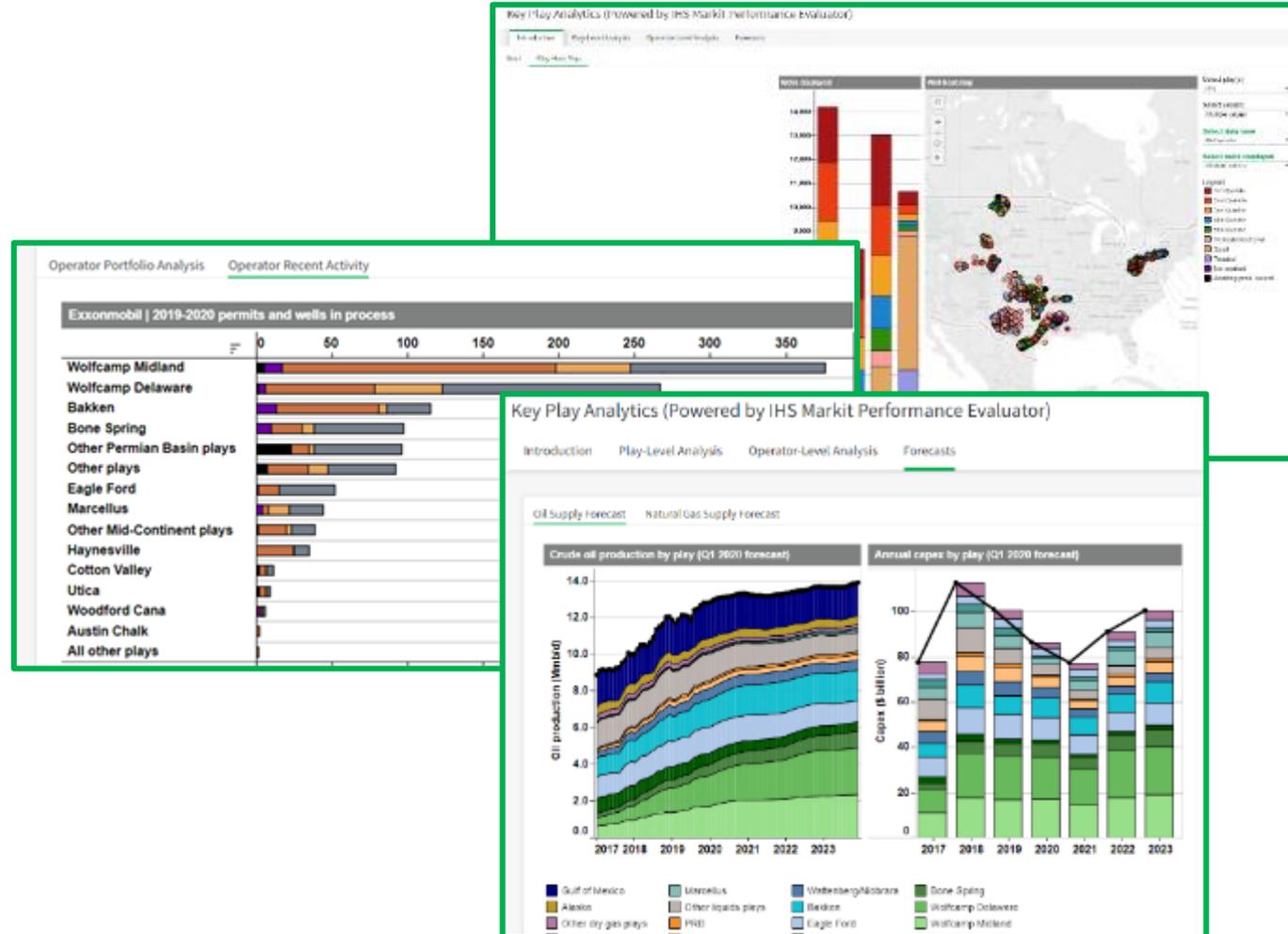
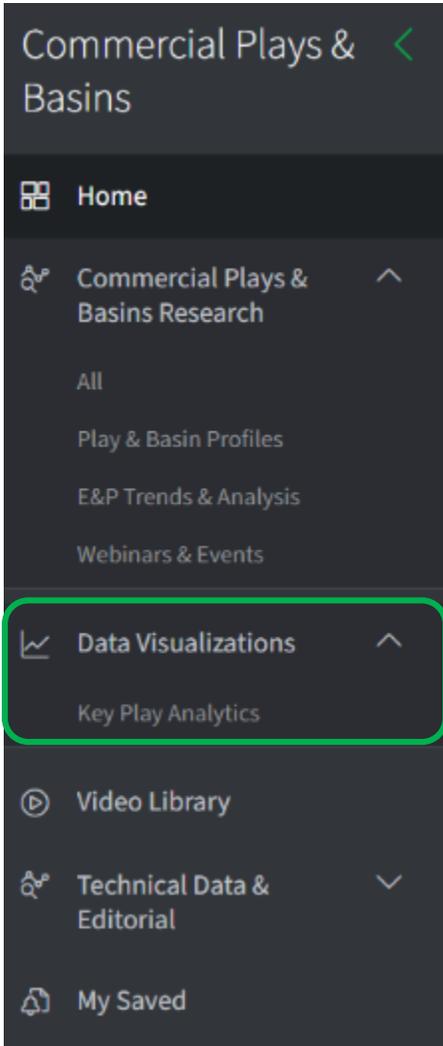
21 Apr 2020 - Plays and Basins | Insight

Plays & Basins: North America Key Play Analytics [Click here](#) for quick access.

Use the left-hand rail to access **North America Key Play Analytics** to customize and visualize related data. [Click here](#) for complete user guide and methodologies.

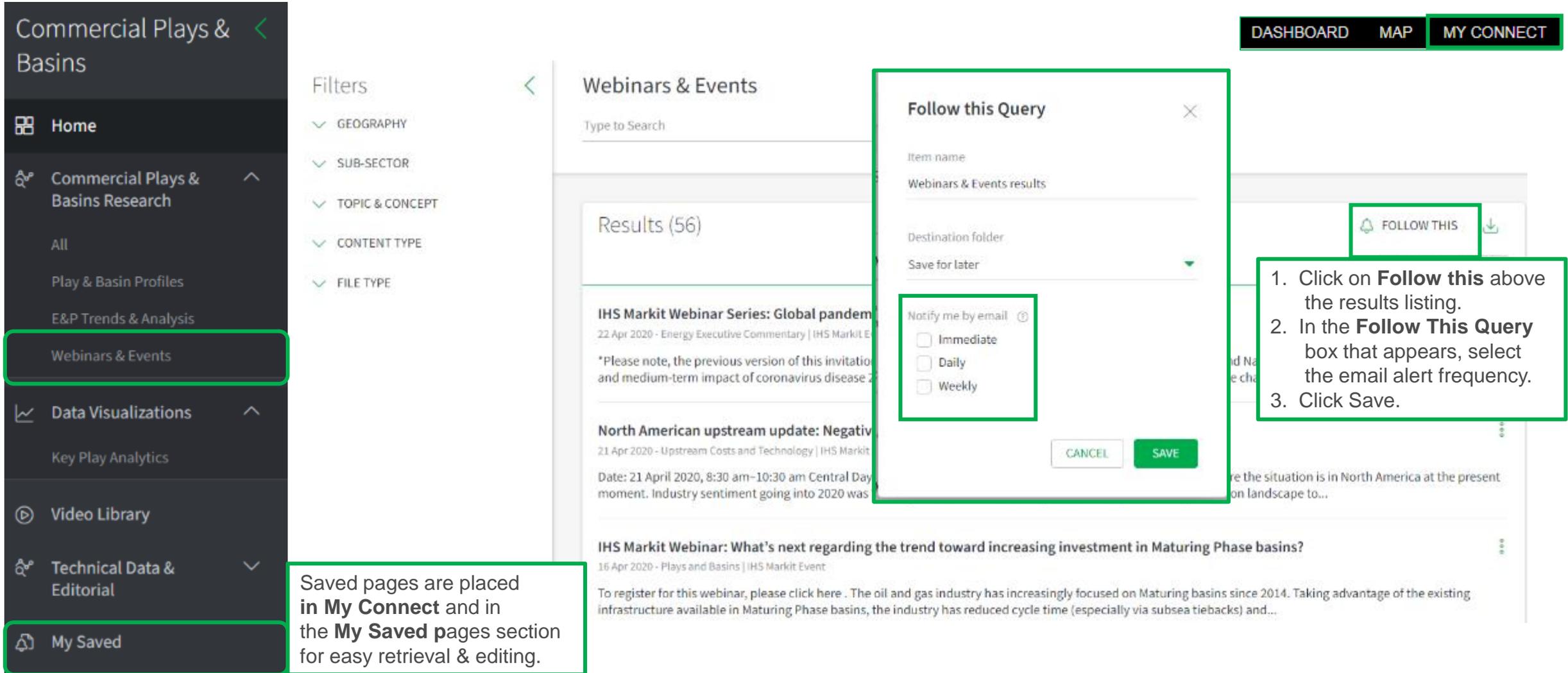
Key Play Analytics – an online interactive data visualization tool for analysis and evaluation of plays and operators.

- Leverages select aspects of IHS Markit’s Performance Evaluator database
- Users quickly and easily create powerful visualizations of well performance data, acting as a complement to existing Play level reports available to plays and basins subscribers.



Follow Plays & Basins Bi-weekly Webinars

Save a research page into **My Connect** and apply an email alert to be notified when a document is updated on your page.



The screenshot shows the IHS Markit interface. On the left is a navigation sidebar with 'Commercial Plays & Basins' at the top. Below it are sections for 'Home', 'Commercial Plays & Basins Research', and 'All'. The 'Webinars & Events' section is highlighted with a green box. Below that are 'Data Visualizations', 'Video Library', and 'Technical Data & Editorial'. At the bottom, the 'My Saved' section is also highlighted with a green box.

The main content area is titled 'Webinars & Events' and shows a search bar and a list of results. A 'Follow this Query' dialog box is open over the results, with a green box around it. The dialog has fields for 'Item name' (Webinars & Events results), 'Destination folder', and 'Save for later'. It also has a 'Notify me by email' section with radio buttons for 'Immediate', 'Daily', and 'Weekly'. A 'SAVE' button is highlighted in green.

On the right side of the interface, there are tabs for 'DASHBOARD', 'MAP', and 'MY CONNECT'. A 'FOLLOW THIS' button is highlighted with a green box above a result. A text box on the right contains the following instructions:

1. Click on **Follow this** above the results listing.
2. In the **Follow This Query** box that appears, select the email alert frequency.
3. Click Save.

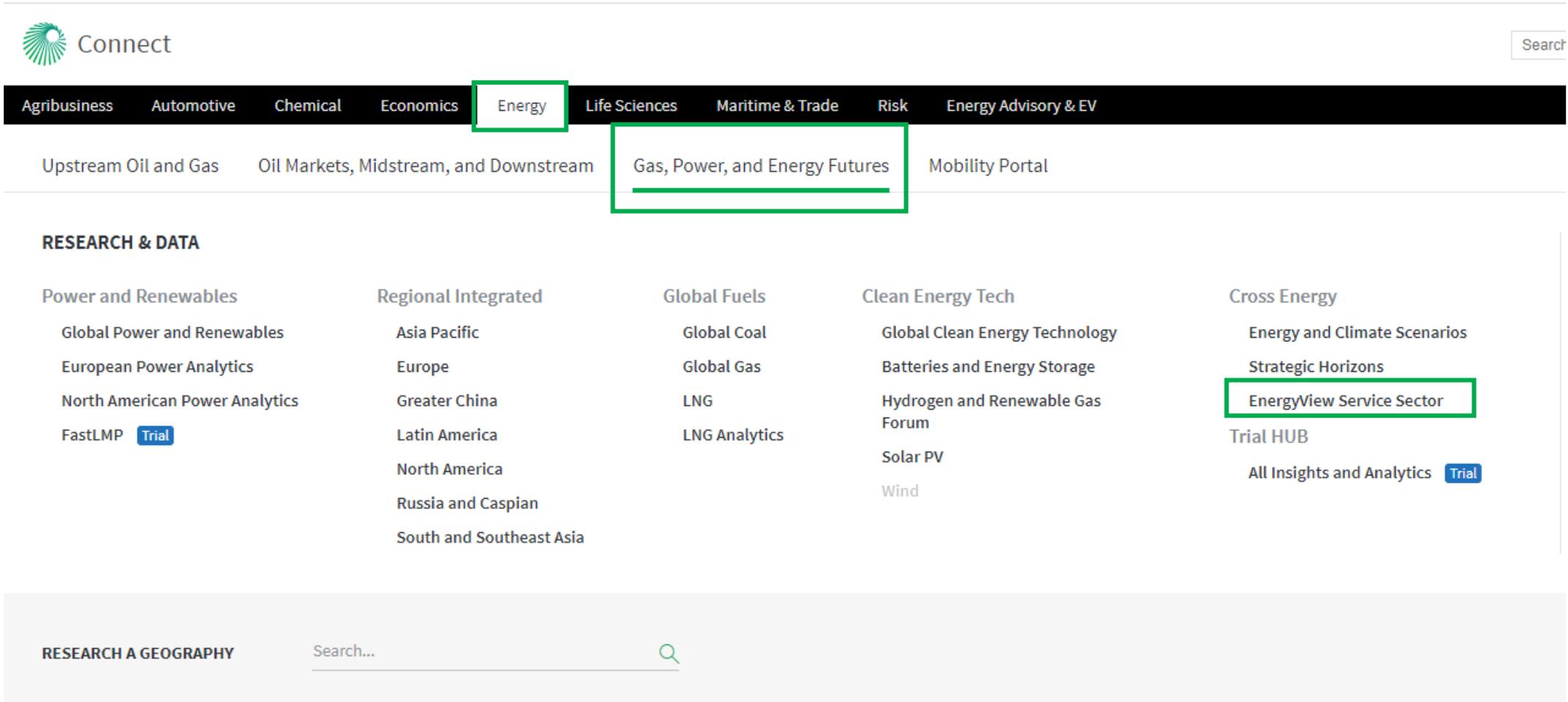
At the bottom left, a text box explains: 'Saved pages are placed in **My Connect** and in the **My Saved** pages section for easy retrieval & editing.'

Upstream Spend Report

Bottom-up analysis of upstream project activity and its forecast of nominal capital and operating spending.

EnergyView Service Sector in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [EnergyView Service Sector](#) under the **Cross Energy** section.



Connect Search

[Agribusiness](#)
[Automotive](#)
[Chemical](#)
[Economics](#)
[Energy](#)
[Life Sciences](#)
[Maritime & Trade](#)
[Risk](#)
[Energy Advisory & EV](#)

[Upstream Oil and Gas](#)
[Oil Markets, Midstream, and Downstream](#)
[Gas, Power, and Energy Futures](#)
[Mobility Portal](#)

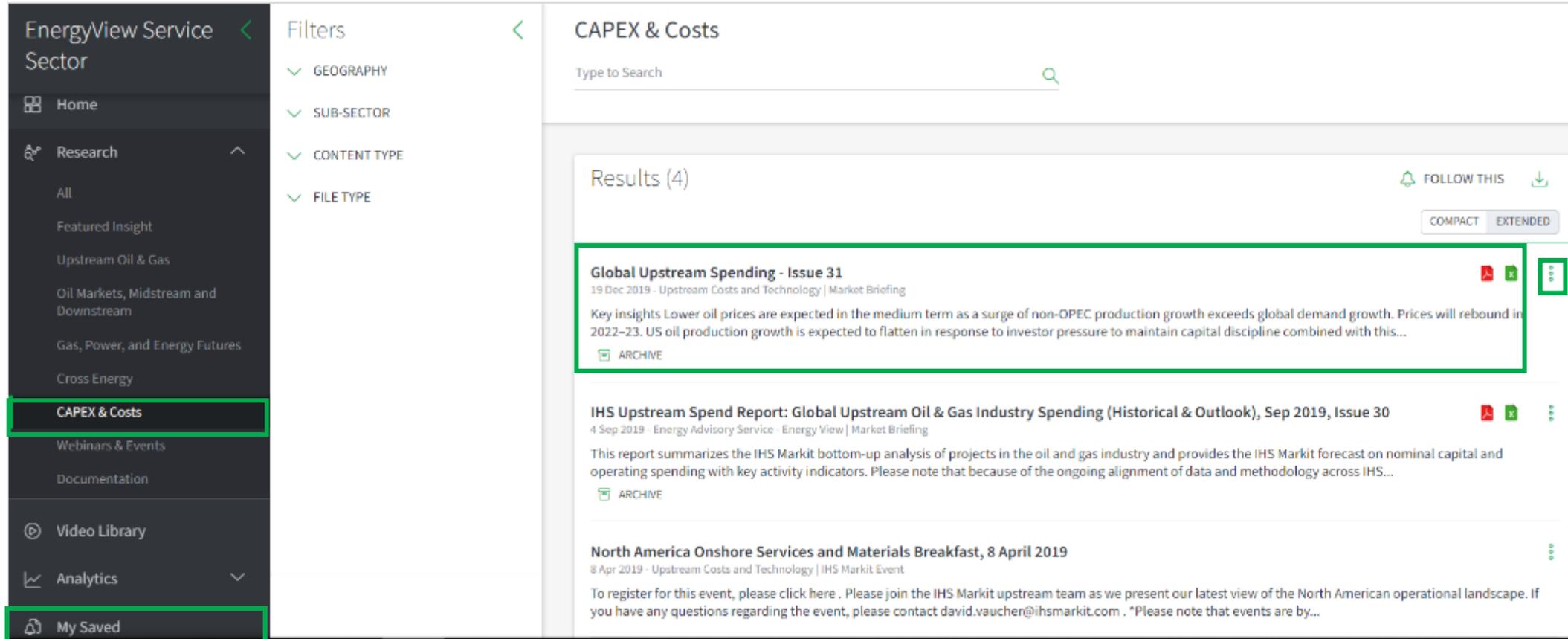
RESEARCH & DATA

Power and Renewables	Regional Integrated	Global Fuels	Clean Energy Tech	Cross Energy
Global Power and Renewables European Power Analytics North American Power Analytics FastLMP Trial	Asia Pacific Europe Greater China Latin America North America Russia and Caspian South and Southeast Asia	Global Coal Global Gas LNG LNG Analytics	Global Clean Energy Technology Batteries and Energy Storage Hydrogen and Renewable Gas Forum Solar PV Wind	Energy and Climate Scenarios Strategic Horizons EnergyView Service Sector Trial HUB All Insights and Analytics Trial

RESEARCH A GEOGRAPHY 

Upstream Spend Report

Click on the **CAPEX & Costs** in the left-hand navigator.



The screenshot displays the EnergyView Service Sector interface. On the left, the 'EnergyView Service Sector' sidebar is visible, with 'CAPEX & Costs' and 'My Saved' highlighted in green. The main content area is titled 'CAPEX & Costs' and features a search bar. Below the search bar, there are 'Filters' for GEOGRAPHY, SUB-SECTOR, CONTENT TYPE, and FILE TYPE. The 'Results (4)' section shows a list of documents. The first result, 'Global Upstream Spending - Issue 31', is highlighted with a green box. A green arrow points to the three-dot menu icon on the right side of this result, indicating where to click to save the document or set an email alert.

Save an individual document and set an email alert.

Saved content appears in **My Saved** (in the left hand rail).

Global Power & Renewables

Features analysis and data on market fundamentals, the policy landscape, and changing consumer demands.

Global Power and Renewables: North America

Power:

- An updated outlook of wholesale power prices, spreads, and implied heat rates reflecting the latest fossil fuel price outlooks.
- Six reports (covering 21 power markets) and a single overview report, highlighting insights, trends, and assumptions that underpin the North American power market outlook to 2040.
- Primers on 21 North American power markets.
- Data sets detailing announced coal plant retirements, pollution control retrofit projects, and conventional power plant transactions.
- An outlook to 2025 for all the elements of power plant capital costs, including equipment, steel, E&P, electrical cabling, construction labor, and other construction and civil engineering costs.
- Report providing an overview of recent trends and a near-term update to cost trend forecast.

Renewables:

- Quarterly updates on renewable policy developments, offtake contracts, M&A transactions, and development activity; regional renewable energy certificates (REC) supply-demand balances and 10-year outlooks.
- State-level build projections through 2030 for wind, solar, biomass, geothermal, small hydro, and ocean energy markets.
- Technology cost and evolution outlooks for wind, utility, distributed solar PV, and battery storage technologies through 2030.
- A project-by-project breakdown of the top wind and solar asset owners and their recent activity.
- Analysis following key market activity in policy developments, contract announcements, M&A, and competitive activity throughout the renewable energy industry.
- Annual review of M&A activity and trends by technologies and owners.

Global Power and Renewables: Europe

Power:

- Report describing key drivers and long-term demand, supply, and price outlooks.
- GDP, power demand, installed capacity, annual capacity additions, annual generation by technology and country.
- Assumptions and analysis supporting short-term outlook for fuel and carbon, power prices, and spreads.
- Review of EU Emissions Trading System (EU ETS) price drivers—power market dynamics, emissions by sector, offset use, and carbon price outlook.
- Short-term outlook for base-load and peak wholesale power prices.
- Review of key policy developments at EU and national level, affecting supply/demand fundamentals.
- Electricity demand figures split by sector on a yearly, quarterly, and monthly basis.
- Country-specific retail price evolution and breakdown.
- Strategic Reports covering topics relevant for strategic decision-making processes.
- Country profiles covering policy and market fundamentals.

Renewables:

- Support levels for wind, solar, biomass, and other technologies, broken down by country and different scales of technology.
- Outlook to 2025 and background data for green certificate prices in Romania, Poland, Nordics, and the United Kingdom.
- Renewable policy updates, market activity (pipeline development of major players in wind, PV, and biomass).
- Outlook to 2040 for biomass, large and small hydro, pump storage, onshore and offshore wind, solar PV and CSP, geothermal, and ocean.
- M&A activity analysis and transactions database.
- Overview of top 20 renewable energy systems (RES) owners' portfolios (by country, technology) and top 15 owners of large hydro, wind, solar, and biomass.
- Comparative prices and current revenue levels of new-build renewable energy technologies.
- Overview of the solar PV development activity during the previous year; top 20 developers by type of player, project type, and location.
- Executive briefings analyzing recent market developments—industry, technology, and competitive trends.
- Analysis and forecasting of specific geographic, technology, value chain trends affecting renewable markets.

Global Power and Renewables: Latin America

- Report that analyzes capacity additions and changes in reserve margins while providing key power trends and drivers, technology shifts market updates, and a 10-year outlook for supply/demand balance.
- Power demand, installed capacity, annual capacity additions, annual generation by technology and country.
- Historical price report outlining relevant inputs with key highlights and implications; Mexico and Brazil power prices including long-term outlooks for selected industrial and average residential/commercial tariffs.
- Snapshot of the competitiveness of each generation technology in the Brazilian and Mexico powers market.

Global Power and Renewables: Greater China

- Electric power: Data tables; quarterly Market Briefings; wholesale and retail price data; outlooks for provincial demand by sector, supply by technology, and system reserve margins; regional cost of generation; transmission infrastructure outlook; retail tariff outlooks (wholesale and retail for select provinces); and Strategic Reports.
- Company analysis: Power utility profiles updated annually; strategic analysis; company profiles including large power generators, e.g., China Huadian Corporation and China Guodian Corporation.
- Provincial-level analysis: Provincial-level long-term outlooks for power, provincial power insight, and provincial profile.
- Policy and geopolitics: Carbon policy and carbon price outlooks; politics, policy, and regulatory strategic reports.
- Semiannual China services workshops: Half-day events conducted in a roundtable format, limited to 50 participants to maximize discussions and exchanges.

Global Power and Renewables: South and Southeast Asia

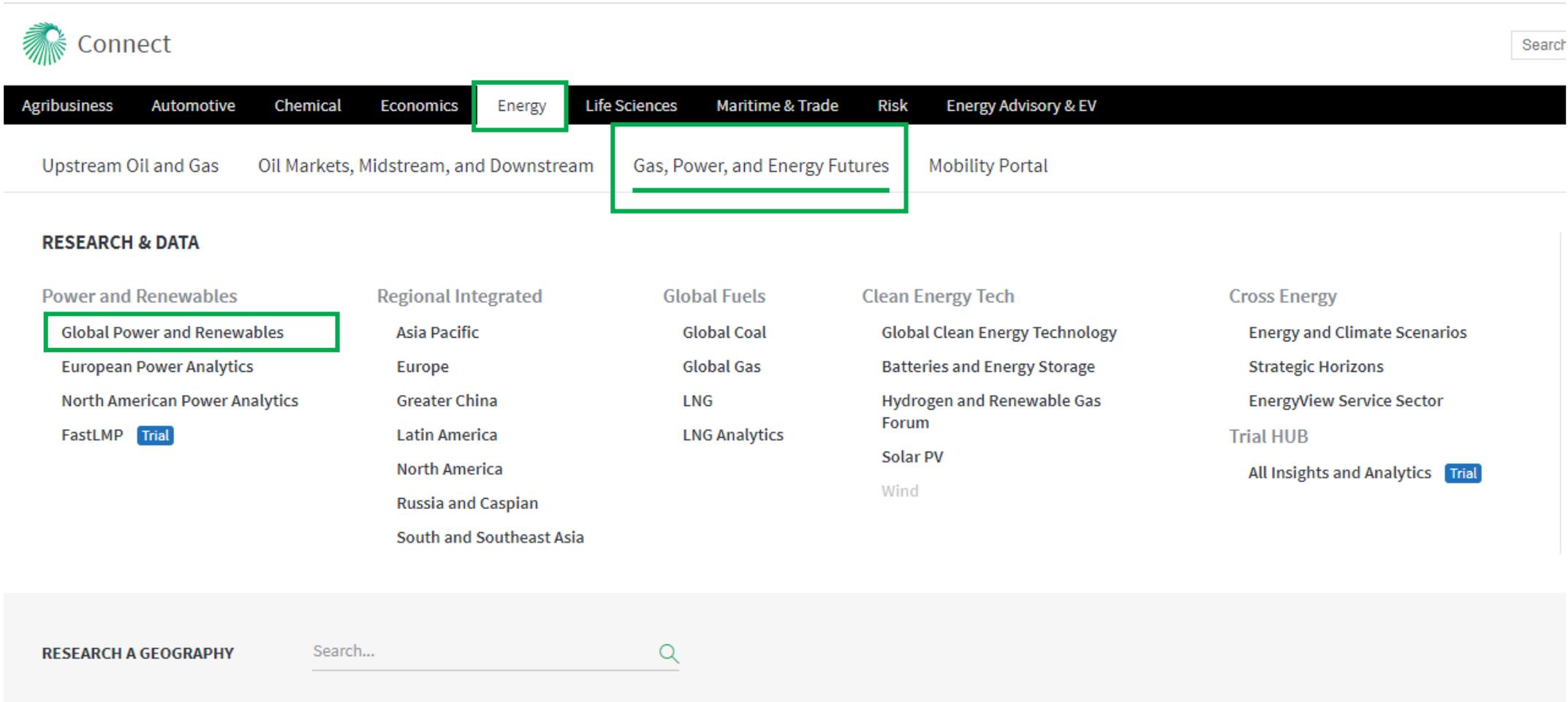
- In-depth analysis of energy market fundamentals and outlooks to 2040: India Power Market Profile, Bangladesh Power Market Profile, Pakistan Power Market Profile, Sri Lanka Energy Market Profile, Myanmar, Philippines, Vietnam, Indonesia, Singapore, Thailand and Malaysia.
- Reviews recent market trends and data, policy changes, and the ways these trends alter the energy landscape: India Power Quarterly.
- Monthly updates of data on power supply, demand, pricing, and infrastructure.
- Timely analysis of market trends and policy announcements, with implications for investors.
- In-depth analysis of power gas sector: Market structure and regulation, fuel supply and demand by sector, energy demand drivers and fuel competition, key market players, and private sector role.
- Historical data and forecasts for energy supply, demand, and infrastructure: Energy supply by fuel and key drivers, power generation, demand, capacity, proposed infrastructure projects, and IHS Markit outlook for development timeline.
- Key investment opportunities and risks by sector and power capacity requirements by fuel.
- Government policy—targets and implementation challenges: Review of key energy policy documents, government power plans, comparison of IHS Markit outlook with government targets, highlighting differences.
- Energy price formation, policy, and fuel price outlooks: Electricity tariffs and power supply costs, drivers and constraints to pricing reforms, and outlook on fuel prices.

Global Power and Renewables: Russian and Caspian Energy

- **Renewable Market Forecasts** (Russia and Caspian only) - Annual, provides country by country forecasts through 2030 of installed MW by country/region.
- **Quarterly Policy Tracker** - Quarterly, database of renewable policies updated quarterly with national targets, incentive levels, and key milestones.
- **Country Snapshots** - Periodic, succinct assessment of the major drivers and inhibitors to renewables build.
- **On Points and Market Briefs** - Periodic, Executive briefings analyzing recent market developments.
- **Russia Watch** - Semi-Annual, features medium-term outlook for drivers of oil, gas, power and investment issues in Russia.
- **Caspian Watch** - Annual, features medium-term outlook for drivers of oil, gas, power and investment issues in the Caspian region.
- **Strategic Reports** - Periodic, provide insight on issues impacting the Russian and Caspian energy markets.

Global Power and Renewables in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [Global Power and Renewables](#).



Connect Search

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream **Gas, Power, and Energy Futures** Mobility Portal

RESEARCH & DATA

<p>Power and Renewables</p> <ul style="list-style-type: none"> Global Power and Renewables European Power Analytics North American Power Analytics FastLMP Trial 	<p>Regional Integrated</p> <ul style="list-style-type: none"> Asia Pacific Europe Greater China Latin America North America Russia and Caspian South and Southeast Asia 	<p>Global Fuels</p> <ul style="list-style-type: none"> Global Coal Global Gas LNG LNG Analytics 	<p>Clean Energy Tech</p> <ul style="list-style-type: none"> Global Clean Energy Technology Batteries and Energy Storage Hydrogen and Renewable Gas Forum Solar PV Wind 	<p>Cross Energy</p> <ul style="list-style-type: none"> Energy and Climate Scenarios Strategic Horizons EnergyView Service Sector Trial HUB All Insights and Analytics Trial
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RESEARCH A GEOGRAPHY Search... 🔍

Global Power and Renewables Home Page

Use the left-hand rail to browse research and analysis under **Home** and **Research** and data visualization under **Analytics**.

- Global Power and Renewables <
- Home
- Research ^
 - All Research
 - Featured Research
 - Key Outlooks
 - Webinars & Events
 - Market and Company Profiles
 - Data
 - Documentation
- Analytics ^
 - Market Dashboard
 - China Provincial Dashboard
 - Brazil Tech Tracker
 - India Power and Renewables Tracker
- Video Library
- My Saved

The **Home** page displays various widgets for **Key Outlook**, **Featured Research**, **Expert Analysis**, **key data visualization**, and more.

Home

Key Outlooks

- Japan Electric Power Data Tables: July 2020**

10 Jul 2020 - Global Power and Renewables | Data
- Southeast Asia Power and Renewables Market Briefing: Start of Southeast Asia's recovery from COVID-19**

06 Jul 2020 - Regional Integrated | Market Briefing
- South Korea Electric Power Data Tables: June 2020**

30 Jun 2020 - Global Power and Renewables | Data
- Japan Nuclear Status Tracker**

19 Jun 2020 - Global Power and Renewables | Market Briefing

[MORE KEY OUTLOOKS](#)

Featured Research

- Global geothermal energy**

06 Aug 2020 - Global Clean Energy Technology | Strategic Report
- North American microgrids: Market activity and drivers**

03 Aug 2020 - Global Power and Renewables | Market Briefing
- Global onshore wind regional overview**

29 Jul 2020 - Global Power and Renewables | Market Briefing
- India Power Price Tracker: Third quarter 2020**

29 Jul 2020 - Regional Integrated | Market Briefing

[MORE FEATURED RESEARCH](#) [ALL RESEARCH](#)

Expert Analysis

Innovating for carbon-free power

Aug 6, 2020

How will major power players respond to a future that demands greater energy but lower emissions? In this CERAWeek Conversation, industry executives discuss the path to decarbonize the...

[MORE VIDEOS](#)

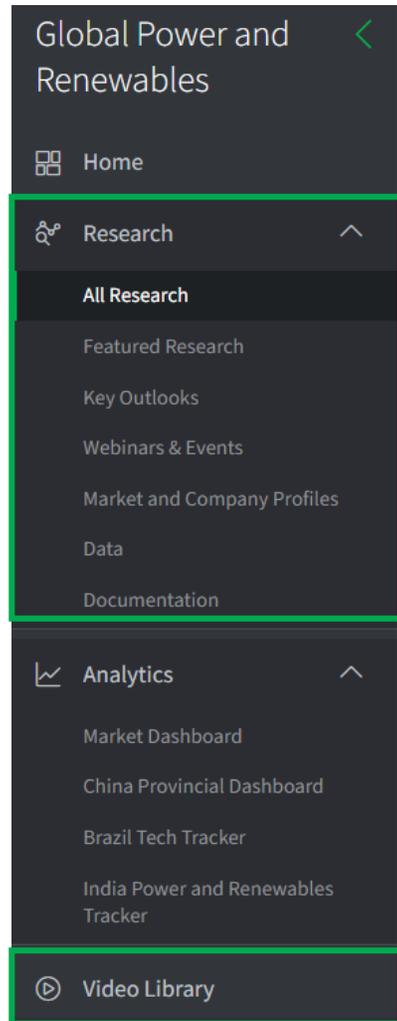
Featured Experts

- Xizhou Zhou**
Vice President
Beijing, China
- Eduard Sala de Vedruna**
Executive Director
Paris, France
- Anna Shpitsberg**
Director
Washington, DC
- Francesco d'Avack**
Senior Analyst
Paris, France
- Andrei Utkin**
Senior Analyst
Paris, France

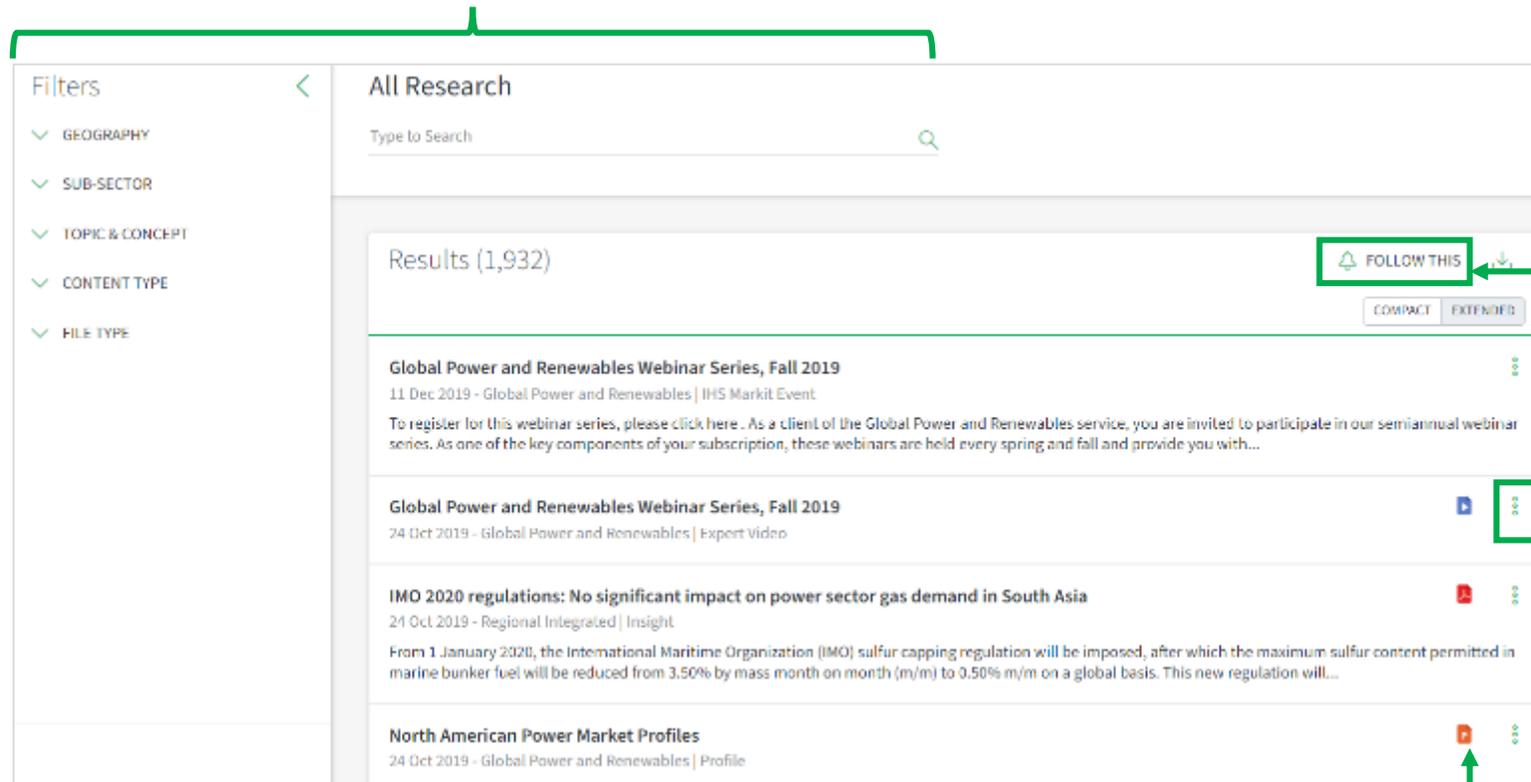
[EXPERT DIRECTORY](#)

Global Power and Renewables Research Pages

Use the left-hand rail to click on **Research topics** to browse and narrow down **Global Power and Renewables** research.



Use green arrows to apply **filter options** and/or type a **keyword search**.



Apply filters or a search, then select **Follow This** to save the page and apply an email alert.

Save an individual document, and **share** with colleagues.

Saved content appears in **My Saved** (in the left hand rail).

View and access **files** quickly.

Global Power and Renewables Analytics

Use the left-hand rail to click on **Analytics** topics to customize and visualize related data.

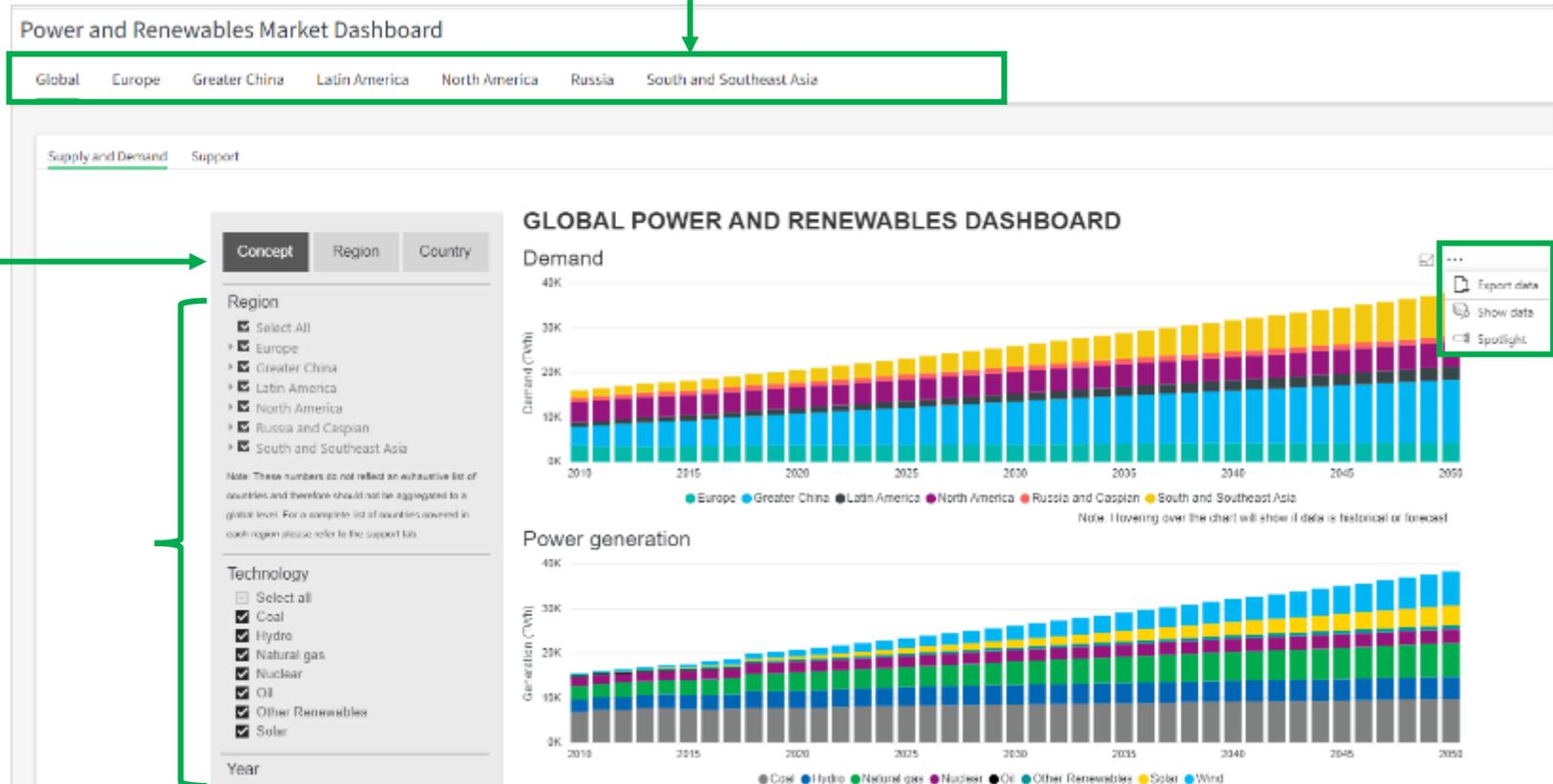
Global Power and Renewables <

- Home
- Research ^
 - All Research
 - Featured Research
 - Key Outlooks
 - Webinars & Events
 - Market and Company Profiles
 - Data
 - Documentation
- Analytics** ^
 - Market Dashboard**
 - China Provincial Dashboard
 - Brazil Tech Tracker
 - India Power and Renewables Tracker
- Video Library

Access **global regions and sub-chapters.**

View by **Concept** or **Geography**

Apply **filter options**



Click the **3-dot** menu to export data.

Coal

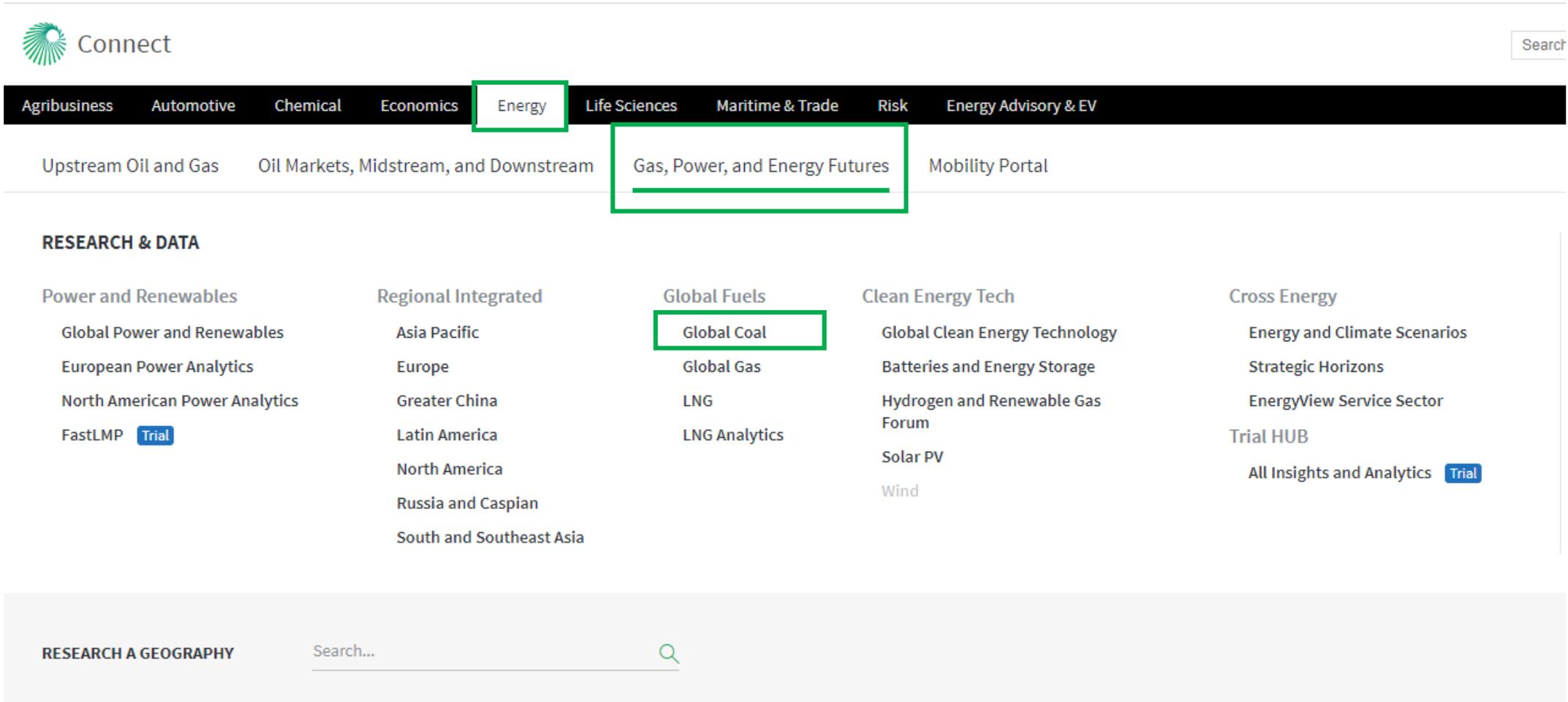
Provides international coal benchmark pricing and market data – from biweekly in-depth reports to real-time email alerts.

Global Steam Coal

- **Global Steam Coal Advisory Service** - Long-term (25yr) outlooks and strategic insight on the global steam coal market.
- **Fundamental analysis that includes** - Supply, demand, cost, price dynamics, as well as freight, carbon, spreads, and arbitrage opportunities.
- **Provides an in-depth understanding of competing fuels and price inflection points**, and independent analysis of the coal and subsidiary industries set within **IHS Global Scenarios and Macroeconomic framework**.
- **Monthly, quarterly, and annual reports** with a 25-year outlook for supply, demand, price, costs curves, freight.
- **Steam Coal Forecaster** – Quarterly review of Global Steam Coal trade.
- **18-24 month outlook for global steam coal trade and data.**
- **Country-by-country demand and supply analysis.**
- **Stockpiles (producers & consumers)**
- **Hydro and generation activity**, Rail and port developments
- **Detailed forecast of supply, demand and freights.**
- **Conclusions about steam coal price outlooks.**
- **Analysis of Atlantic & Pacific steam coal markets.**
- **Alerts of impending market shortages or surpluses, indicating price direction.**
- **Full access to our online data center.**
- **Full access to our coal research team.**
- **Invitations to executive member forums, webinars, and conference calls/events** to engage with our analysts and with peers / colleagues within our coal community.

Global Coal in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [Global Coal](#).



Connect Search

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream **Gas, Power, and Energy Futures** Mobility Portal

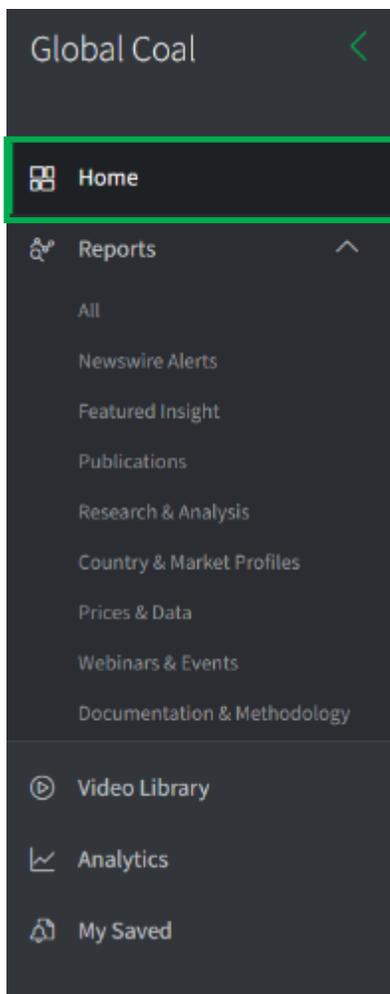
RESEARCH & DATA

<p>Power and Renewables</p> <ul style="list-style-type: none"> Global Power and Renewables European Power Analytics North American Power Analytics FastLMP Trial 	<p>Regional Integrated</p> <ul style="list-style-type: none"> Asia Pacific Europe Greater China Latin America North America Russia and Caspian South and Southeast Asia 	<p>Global Fuels</p> <ul style="list-style-type: none"> Global Coal Global Gas LNG LNG Analytics 	<p>Clean Energy Tech</p> <ul style="list-style-type: none"> Global Clean Energy Technology Batteries and Energy Storage Hydrogen and Renewable Gas Forum Solar PV Wind 	<p>Cross Energy</p> <ul style="list-style-type: none"> Energy and Climate Scenarios Strategic Horizons EnergyView Service Sector <p>Trial HUB</p> <ul style="list-style-type: none"> All Insights and Analytics Trial
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RESEARCH A GEOGRAPHY Search... 🔍

Global Coal Home Page

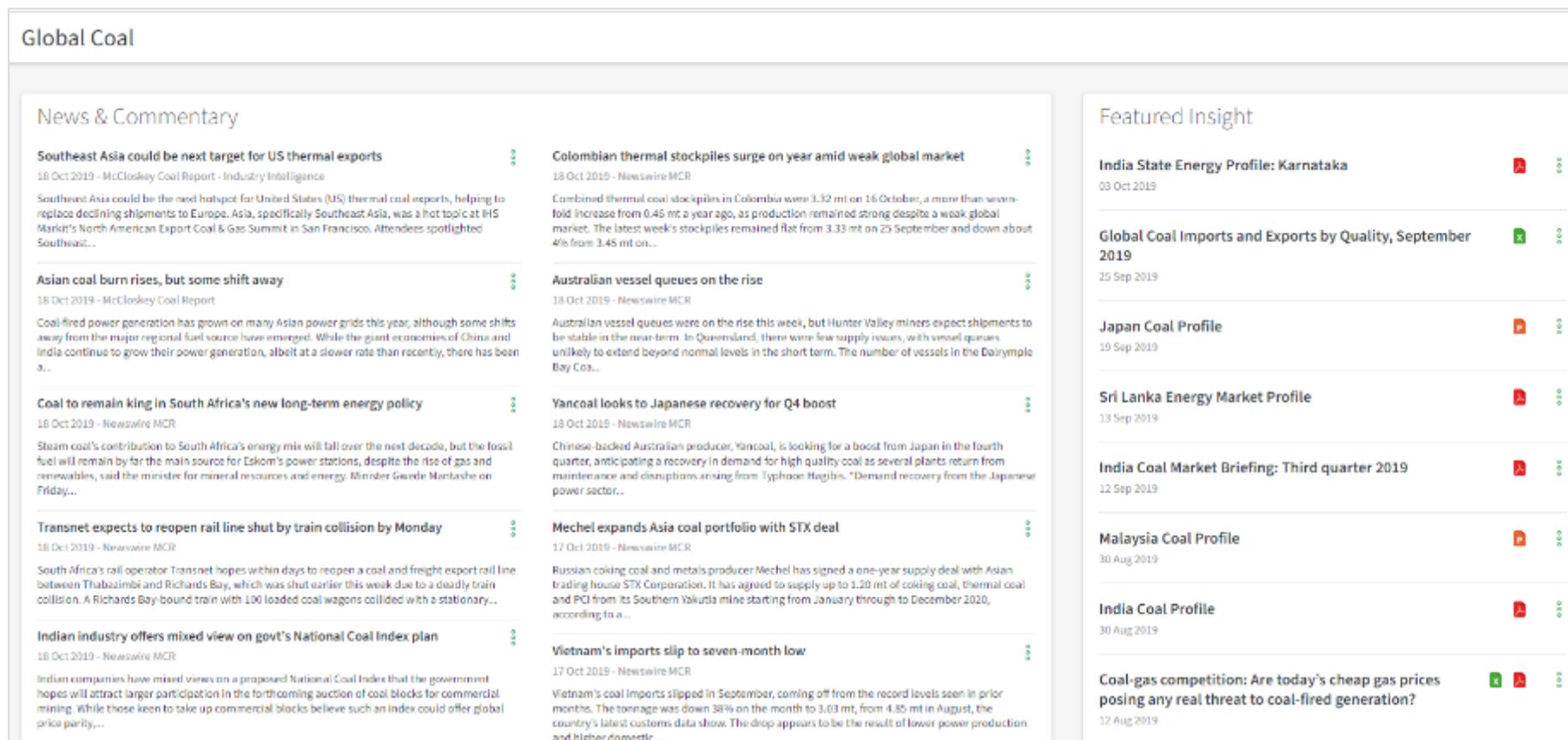
Use the left-hand rail to browse research and analysis under **Home** and **Research** and data visualization under **Analytics**.



The navigation rail contains the following items from top to bottom:

- Global Coal (with a back arrow)
- Home** (highlighted with a red box)
- Reports (with an upward arrow)
- All
- Newswire Alerts
- Featured Insight
- Publications
- Research & Analysis
- Country & Market Profiles
- Prices & Data
- Webinars & Events
- Documentation & Methodology
- Video Library
- Analytics
- My Saved

The **Home** page displays various widgets for **News & Commentary**, **Featured Insight**, **Expert Analysis**, **key data visualization**, and more.

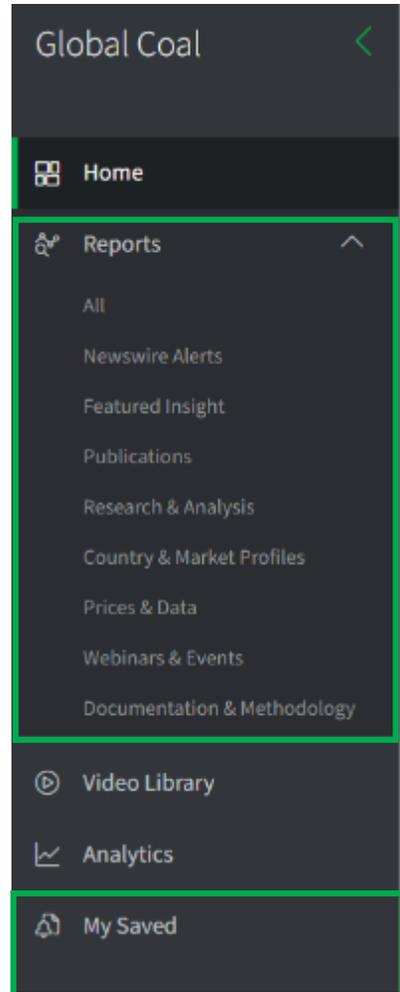


The main content area is titled "Global Coal" and is divided into two main sections:

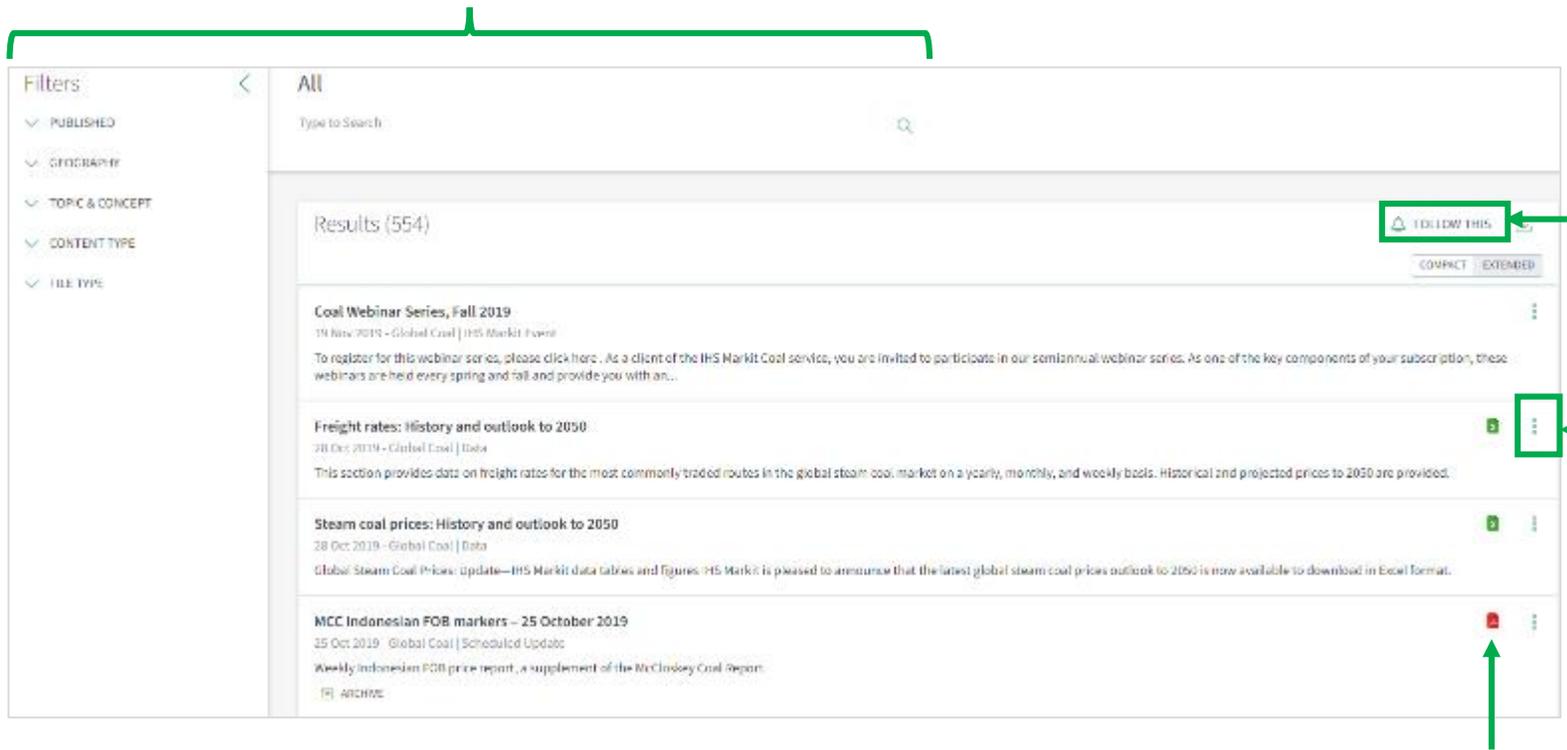
- News & Commentary:** A grid of news items with titles, dates, and sources.
 - Southeast Asia could be next target for US thermal exports** (18 Oct 2019 - McCloskey Coal Report - Industry Intelligence)
 - Colombian thermal stockpiles surge on year amid weak global market** (18 Oct 2019 - Newswire MCR)
 - Asian coal burn rises, but some shift away** (18 Oct 2019 - McCloskey Coal Report)
 - Australian vessel queues on the rise** (18 Oct 2019 - Newswire MCR)
 - Coal to remain king in South Africa's new long-term energy policy** (18 Oct 2019 - Newswire MCR)
 - Yancoal looks to Japanese recovery for Q4 boost** (18 Oct 2019 - Newswire MCR)
 - Transnet expects to reopen rail line shut by train collision by Monday** (18 Oct 2019 - Newswire MCR)
 - Mechel expands Asia coal portfolio with STX deal** (17 Oct 2019 - Newswire MCR)
 - Indian industry offers mixed view on govt's National Coal Index plan** (18 Oct 2019 - Newswire MCR)
 - Vietnam's imports slip to seven-month low** (17 Oct 2019 - Newswire MCR)
- Featured Insight:** A vertical list of featured insights.
 - India State Energy Profile: Karnataka** (03 Oct 2019)
 - Global Coal Imports and Exports by Quality, September 2019** (25 Sep 2019)
 - Japan Coal Profile** (19 Sep 2019)
 - Sri Lanka Energy Market Profile** (13 Sep 2019)
 - India Coal Market Briefing: Third quarter 2019** (12 Sep 2019)
 - Malaysia Coal Profile** (30 Aug 2019)
 - India Coal Profile** (30 Aug 2019)
 - Coal-gas competition: Are today's cheap gas prices posing any real threat to coal-fired generation?** (12 Aug 2019)

Global Coal Research Pages

Use the left-hand rail to click on **Research topics** to browse and narrow down **Global Coal** research.



Use green arrows to apply **filter options** and/or type a **keyword search**.



Apply filters or a search, then select **Follow This** to save the page and apply an email alert.

Save an individual document, and **share** with colleagues.

Saved content appears in **My Saved** (in the left hand rail).

View and access **files** quickly.

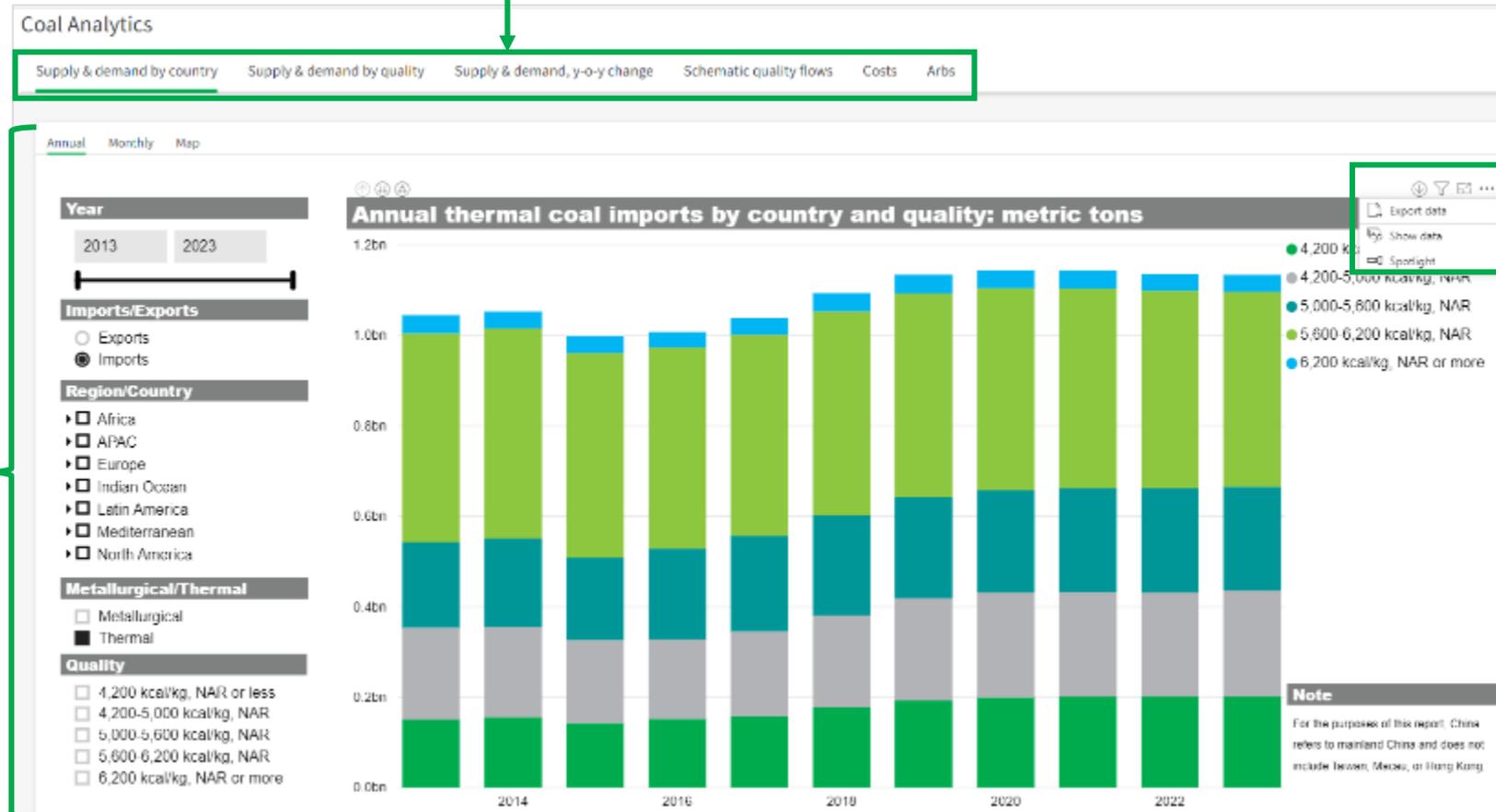
Global Coal Analytics

Use the left-hand rail to click on **Analytics** topics to customize and visualize related data.

Global Coal

- Home
- Reports
 - All
 - Newswire Alerts
 - Featured Insight
 - Publications
 - Research & Analysis
 - Country & Market Profiles
 - Prices & Data
 - Webinars & Events
 - Documentation & Methodology
- Video Library
- Analytics**
- My Saved

Access topical tabs.



Customize data

Hover and click the 3-dot menu to export data.

Energy and Climate Scenarios

Climate policies, Energy Scenarios, Low emission pathways

Climate and Energy Scenarios combined provide ongoing analysis, insights and forecasts that will shape future investments

Climate policies, actions and metrics

- Country climate policies and targets, profiles and insights
- Company climate actions
- Technologies and costs
- Interaction of policies and energy scenarios
- Ongoing analysis, insights and briefings

Global energy scenarios to 2050

- Three integrated, plausible future pathways for primary energy use
- Growth of oil, gas, coal, renewables and other fuels
- Sector and key country demand outlooks
- Quarterly Signposts report and discussion

Low emissions pathways

- Two pathways to meet the Paris Climate targets
- Implications for primary energy fuels and markets
- Constructed with client input to future technologies, efficiencies, carbon capture and other mitigating factors

Climate Policy, Analysis, Databases:

- **Climate country profiles:** Includes the G20, Alberta, and California. The profiles provide detailed information on each country's approach to climate change and air quality, including emissions data, economy-wide and sector-specific climate change mitigation, adaptation policies and measures, and air quality standards.
- **Country benchmarks:** Climate and Air Quality Policy Dataset and Indexes for G20. Power Supply Transition Index released in Q1 2019, upstream oil and gas and transport policy assessments slated for 2019.
- **Emissions data and long-term projections:** Climate-focused dataset covering key emissions drivers and displacement factors in IHS Markit scenarios
- **Carbon pricing:** Global carbon market, carbon tax and company carbon prices and price forecasts for key cap-and-trade markets in Europe, North America, and Asia.
- **Company intelligence:** Inventory of energy company peer group-level indicators and targets, including emissions and emissions reduction measures, alignment with Task Force on Climate-related Financial Disclosure recommendations, use of scenarios and engagements with renewables for oil & gas and power companies.
- **NDC emissions outlooks:** Bottom-up analysis of the nationally determined contribution (NDC) to the Paris Climate Agreement that allows comparisons and assessment of the impact of the NDCs on global emissions in 2030 and measurement of the “ambition gap” in 2030.

Climate Policy, Analysis, Databases Continued:

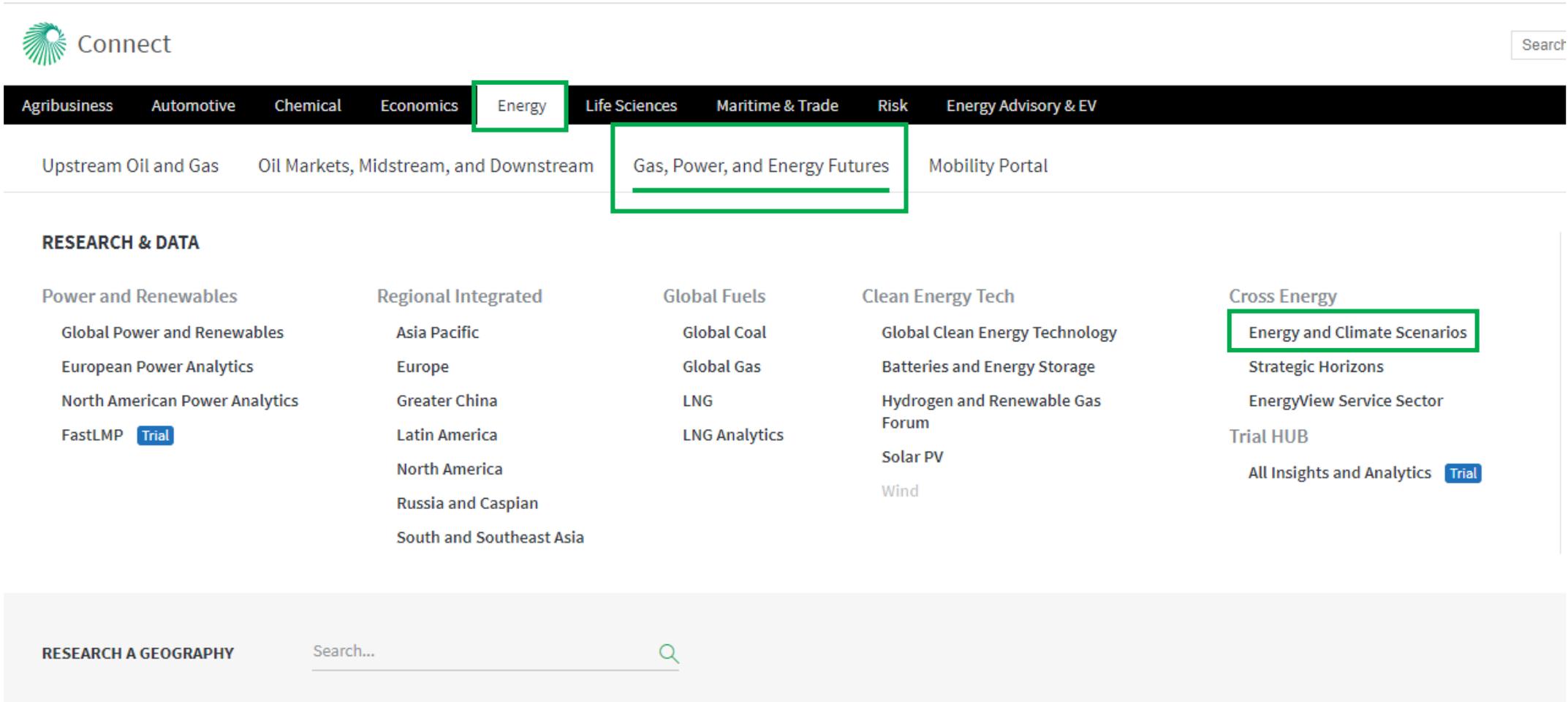
- **Carbon capture project and policy tracking:** Carbon Capture Use and Storage (CCUS) Projects and Policy dashboard, which provides data analytics for all existing and planned CCUS projects and policies worldwide.
- **Energy Transition Indicator monitoring:** IHS Markit tracks a set of energy transition indicators (ETIs) to represent the scale and pace at which the energy transition is advancing in the wake of the Paris Agreement. Data component complemented by regular insights.
- **Analysis:** Exclusive special reports on climate and carbon-related topics from Climate and Carbon analysts and subject matter experts from across IHS Markit.

Global Energy Scenarios and Low Emission Scenarios Deliverables

- **Energy scenario narrative reports** that describe three distinct energy futures to 2050 (refreshed once a year)
- **Annually updated datasets with outlooks to 2050**; includes detailed global, regional and major country-level outlooks that cover key metrics for economic growth; oil, gas, coal, nuclear, hydro, wind, solar, electric power; and CO₂ emissions.
- **Annually updated energy scenario summary PowerPoint reports** provide summaries of the updates made to the 2050 outlooks and of the key assumptions and storylines for oil, gas, coal and power under each scenario.
- **Annually updated outlooks for two IHS Markit low emissions cases**; includes detailed datasets showing the outlooks for two modeled “cases” designed to portray long-term energy demand outlooks of futures where current climate targets are reached by 2100. Also includes a short report highlighting the key assumptions behind each case.
- **Annually-updated PPT slide deck that compares our three global energy scenarios and our two low emissions case outlooks** with other long-term energy outlooks from across industry, governments and agencies such as the IEA.
- **Periodic energy scenarios Signposts reports** assess key near-term trends and events to provide an “early warning system” for potential changes in scenario path (updated three times per year).
- **Periodic Signpost-related research reports** briefly highlight specific indicators or trends affecting potential shifts in long-term energy paths.
- **Global Energy Scenarios Analytics Tool** is a visualization tool on IHS Markit Connect that provides online access to the data posted in the IHS Markit Global Scenarios datasets.

Energy and Climate Scenarios in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [Energy and Climate Scenarios](#).



Connect Search

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream **Gas, Power, and Energy Futures** Mobility Portal

RESEARCH & DATA

<p>Power and Renewables</p> <ul style="list-style-type: none"> Global Power and Renewables European Power Analytics North American Power Analytics FastLMP Trial 	<p>Regional Integrated</p> <ul style="list-style-type: none"> Asia Pacific Europe Greater China Latin America North America Russia and Caspian South and Southeast Asia 	<p>Global Fuels</p> <ul style="list-style-type: none"> Global Coal Global Gas LNG LNG Analytics 	<p>Clean Energy Tech</p> <ul style="list-style-type: none"> Global Clean Energy Technology Batteries and Energy Storage Hydrogen and Renewable Gas Forum Solar PV Wind 	<p>Cross Energy</p> <ul style="list-style-type: none"> Energy and Climate Scenarios Strategic Horizons EnergyView Service Sector Trial HUB All Insights and Analytics Trial
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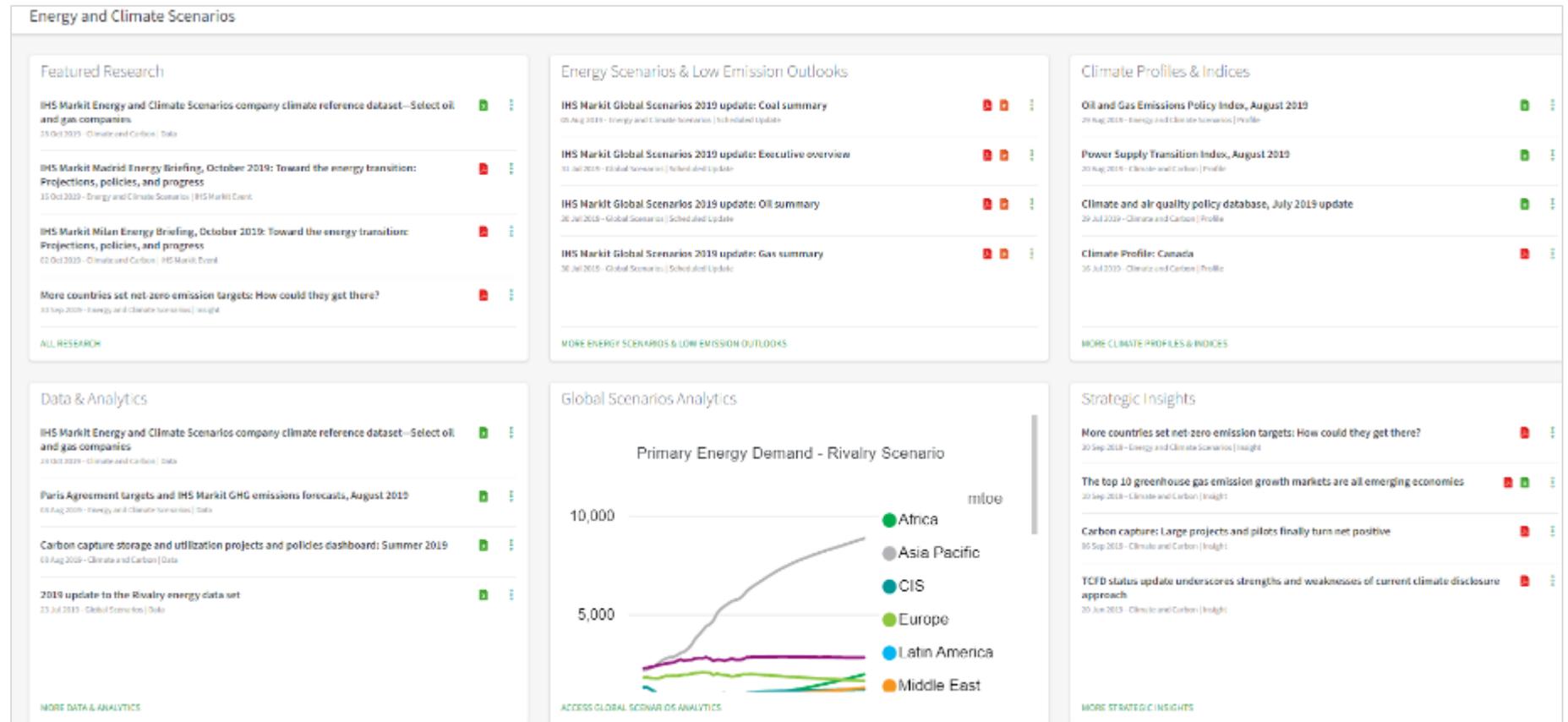
RESEARCH A GEOGRAPHY 🔍

Energy and Climate Scenarios Home Page

Use the left-hand rail to browse research and analysis under **Home** and **Research** and data visualization under **Analytics**.

- Energy and Climate Scenarios <
- Home**
- Research ^
- All
- Energy Scenarios & Low Emission Outlooks
- Data, Analytics & Indices
- Strategic Insights & Profiles
- Webinars & Events
- Documentation
- Energy and Climate Scenarios Analytics
- Country Climate Analytics
- Video Library
- API
- My Saved

The **Home** page displays various widgets for **Featured Research**, **Outlooks**, **Data & Analytics**, and more.

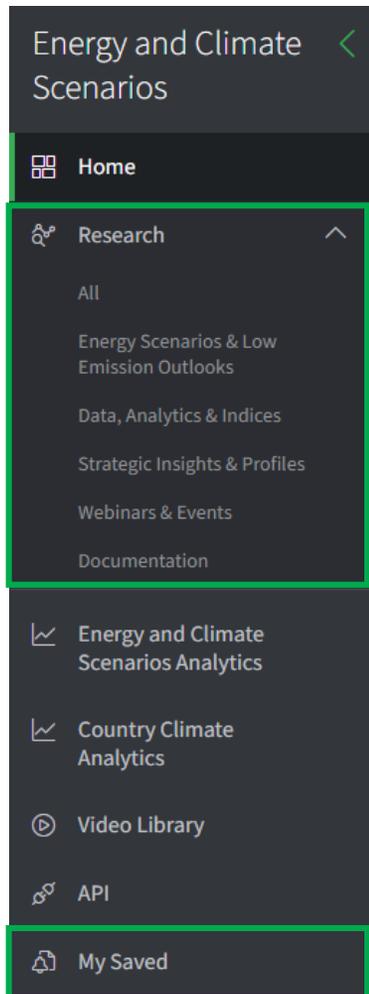


The dashboard is titled "Energy and Climate Scenarios" and is organized into several key sections:

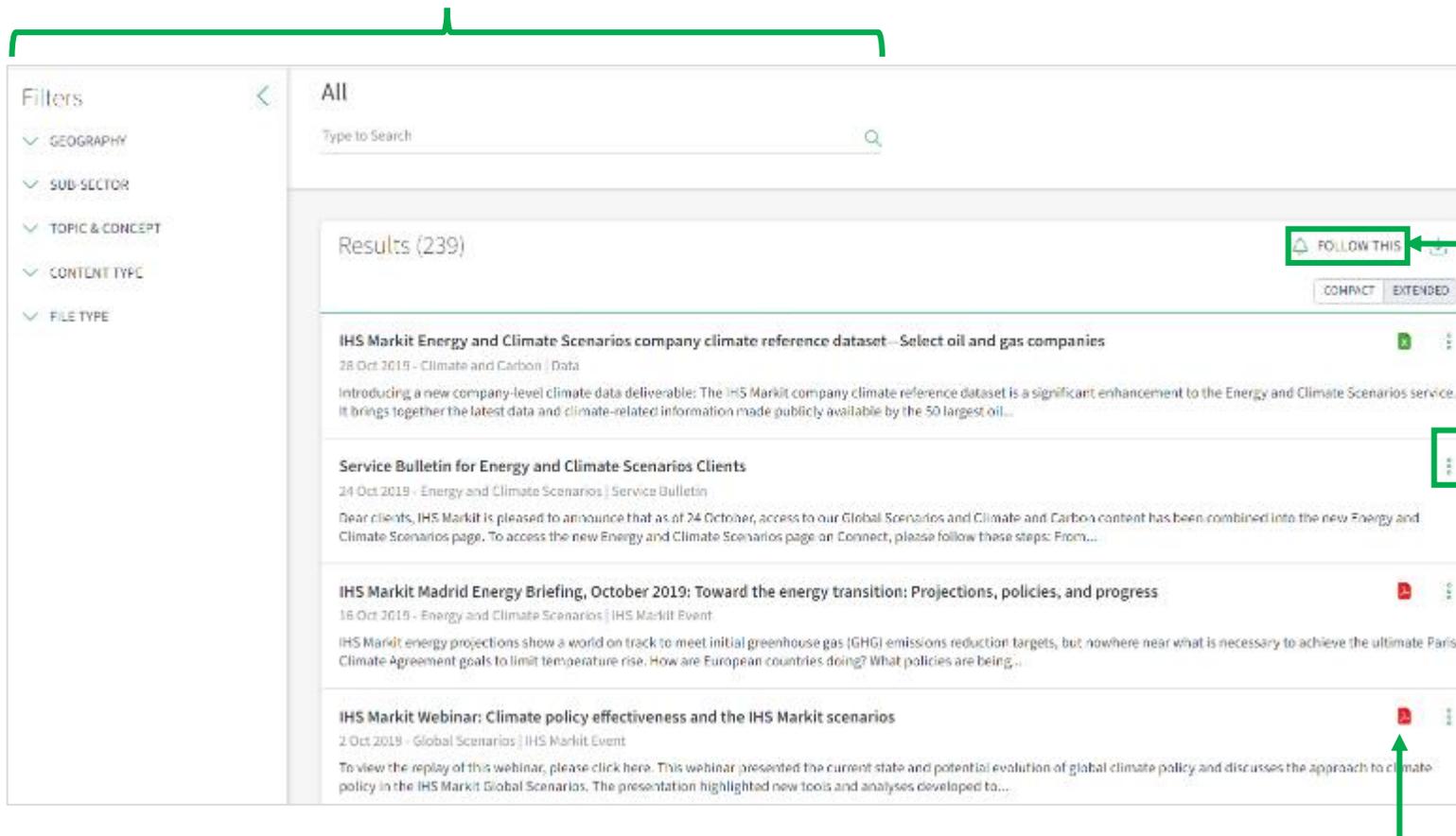
- Featured Research:** A list of articles including "IHS Markit Energy and Climate Scenarios company climate reference dataset—Select oil and gas companies" (28 Oct 2019), "IHS Markit Madrid Energy Briefing, October 2019: Toward the energy transition: Projections, policies, and progress" (15 Oct 2019), and "IHS Markit Milan Energy Briefing, October 2019: Toward the energy transition: Projections, policies, and progress" (02 Oct 2019).
- Energy Scenarios & Low Emission Outlooks:** A list of reports such as "IHS Markit Global Scenarios 2019 update: Coal summary" (08 Aug 2019), "IHS Markit Global Scenarios 2019 update: Executive overview" (01 Jul 2019), "IHS Markit Global Scenarios 2019 update: Oil summary" (26 Jul 2019), and "IHS Markit Global Scenarios 2019 update: Gas summary" (26 Jul 2019).
- Climate Profiles & Indices:** A list of profiles including "Oil and Gas Emissions Policy Index, August 2019" (29 Aug 2019), "Power Supply Transition Index, August 2019" (20 Aug 2019), "Climate and air quality policy database, July 2019 update" (29 Jul 2019), and "Climate Profile: Canada" (16 Jul 2019).
- Data & Analytics:** A list of data-focused articles including "IHS Markit Energy and Climate Scenarios company climate reference dataset—Select oil and gas companies" (28 Oct 2019), "Paris Agreement targets and IHS Markit GHG emissions forecasts, August 2019" (08 Aug 2019), and "Carbon capture storage and utilization projects and policies dashboard: Summer 2019" (03 Aug 2019).
- Global Scenarios Analytics:** A line chart titled "Primary Energy Demand - Rivalry Scenario" showing demand in mtoe for Africa, Asia Pacific, CIS, Europe, Latin America, and Middle East from 2015 to 2040. The Y-axis ranges from 0 to 10,000 mtoe.
- Strategic Insights:** A list of insights including "More countries set net-zero emission targets: How could they get there?" (20 Sep 2019), "The top 10 greenhouse gas emission growth markets are all emerging economies" (20 Sep 2019), "Carbon capture: Large projects and pilots finally turn net positive" (05 Sep 2019), and "TCFD status update underscores strengths and weaknesses of current climate disclosure approach" (20 Jun 2019).

Energy and Climate Scenarios Research Pages

Use the left-hand rail to click on **Research topics** to browse and narrow down **Energy and Climate Scenarios** research.



Use green arrows to apply **filter options** and/or type a **keyword search**.



Apply filters or a search, then select **Follow This** to save the page and apply an email alert.

Save an individual document and **share** with colleagues.

Saved content appears in **My Saved** (in the left handrail).

View and access **files** quickly.

Energy and Climate Scenarios Analytics

Use the left-hand rail to click on **Energy and Climate Scenarios Analytics** topics to customize and visualize related data.

Access topical tabs.

The screenshot displays the 'Energy and Climate Scenarios' dashboard. On the left is a dark navigation rail with 'Energy and Climate Scenarios Analytics' highlighted. The main content area features a horizontal tabbed menu with categories like 'Emissions', 'Primary Energy Demand', 'Final Energy Consumption', 'GDP', 'Population and Employment', 'Oil Markets', 'Natural Gas Markets', 'Coal Markets', 'Power Markets', and 'User Gu'. Below the tabs is a 'Customize data' panel with sections for 'Carbon capture, utilization, and storage', 'Scenario selection', and 'Legend selection'. The main visualization is a stacked area chart titled 'GHG Emissions (Including CCUS) - Rivalry Scenario (million tonne CO2e)' showing emissions from 1990 to 2050 for regions: Europe, Latin America, Middle East, and North America. A 3-dot menu on the chart allows for 'Export data', 'Show as a table', and 'Spotlight'.

Hover and click the 3-dot menu to export data.

Climate Analytics

Use the left-hand rail to click on **Country Climate Analytics** topics to customize and visualize related data.

Country climate analytics

Geography: Canada
Year: 2020
Scenario: Rivalry

GHG emissions rank
10 largest emitter of 115 geographies in 2020

Comparative GHG Emissions by Scenarios
Line chart showing emissions (mtCO2e) from 2000 to 2040 for Rivalry, Autonomy, Discard, ACCS case, and MTM case.

Emissions by source in 2020
Stacked bar chart showing emissions (mtCO2e) by source: Oil, Non-energy, Natural gas, Coal.

Final energy by fuel & sector in 2020
Sunburst chart showing energy (mtoe) by fuel (Oil, Natural gas, Electricity, Coal) and sector (Feedstocks, Domestic Aviation).

2020 GHGs vs 2030 target
Gauge chart showing 751 mtCO2e in 2020 versus a 519 mtCO2e target for 2030.

Current policies and measures
Pie chart showing policy types: Carbon Pricing, Energy Efficiency, Renewables.

Category	Policy Detail	Status
Emissions trading scheme	Is there a national emissions trading scheme?	Yes
Emissions trading scheme	Is the scheme economywide or sectoral?	Economywide
Emissions trading scheme	Emissions Trading Price (US\$/tCO2e)	15.42
Carbon tax	Is there a national carbon tax?	Yes
Carbon tax	Is the tax economywide or sectoral?	Economywide
Carbon tax	Are imports covered?	Yes

Energy intensity
Line chart showing energy intensity (toe/real million US\$ in 2020) from 1990 to 2050.

Sector-specific assessments of current climate policy
Total Transport

Strategic Horizons

Executive briefings on changing market and geopolitical conditions in the oil and gas industry to anticipate trends and position for competitive advantage.

Strategic Horizons

Written Executive Analysis & Briefings

Designed for senior energy executives and strategic thinkers, the service delivers 140-150 annual briefings covering key trends and forward-looking views of IHS Markit experts across the energy value chain.

The service synthesizes the detailed research from across IHS Markit Energy services into short, 2-4 page summaries including forecasts, analysis, charts and graphs. (underlying data remains with the original IHS subscription).

It covers oil markets, upstream oil and gas, LNG, downstream, renewables, global economics and geopolitics.

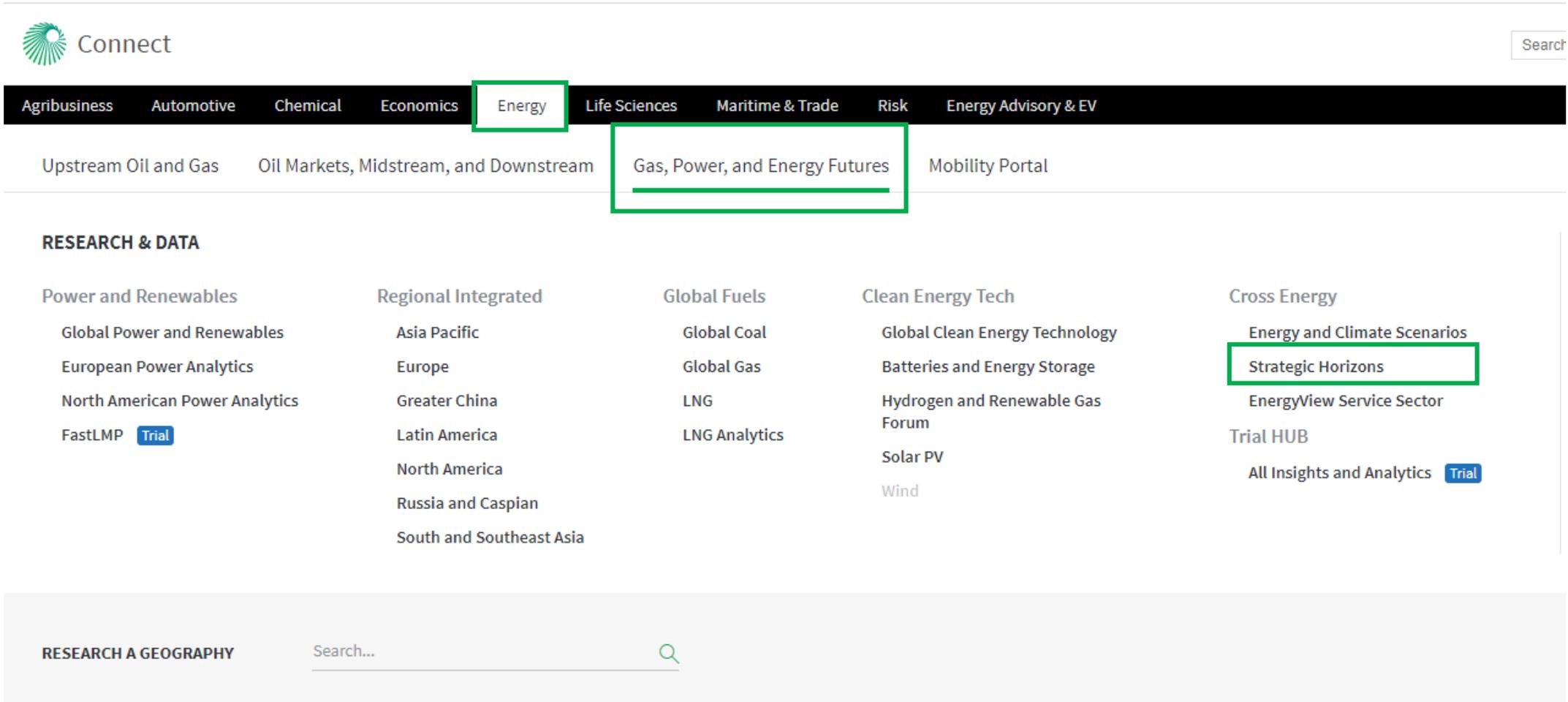
Briefings are delivered via email attachment in pdf format.

Quarterly webinars present industry trends in a presentation and discussion format.

In-person quarterly briefings are offered as an additional option.

Strategic Horizons in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > Click on [Strategic Horizons](#) topics.



Connect Search

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream **Gas, Power, and Energy Futures** Mobility Portal

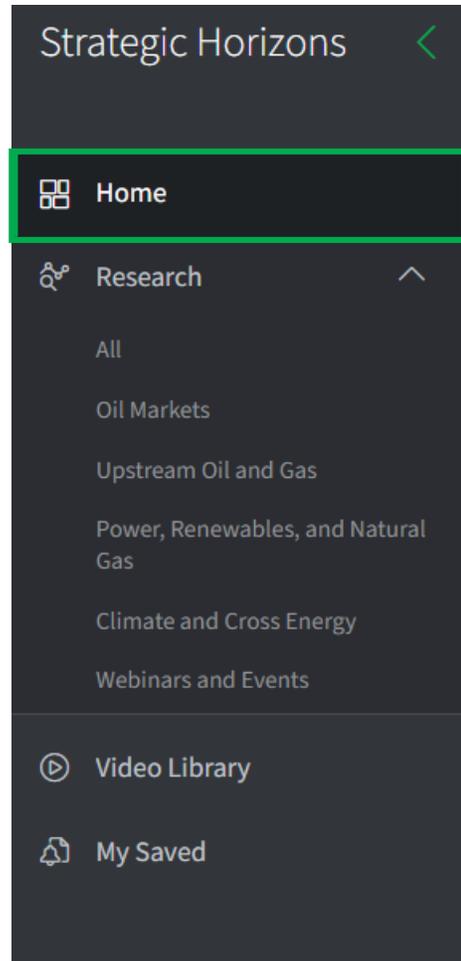
RESEARCH & DATA

Power and Renewables	Regional Integrated	Global Fuels	Clean Energy Tech	Cross Energy
Global Power and Renewables	Asia Pacific	Global Coal	Global Clean Energy Technology	Energy and Climate Scenarios
European Power Analytics	Europe	Global Gas	Batteries and Energy Storage	Strategic Horizons
North American Power Analytics	Greater China	LNG	Hydrogen and Renewable Gas Forum	EnergyView Service Sector
FastLMP Trial	Latin America	LNG Analytics	Solar PV	Trial HUB
	North America		Wind	All Insights and Analytics Trial
	Russia and Caspian			
	South and Southeast Asia			

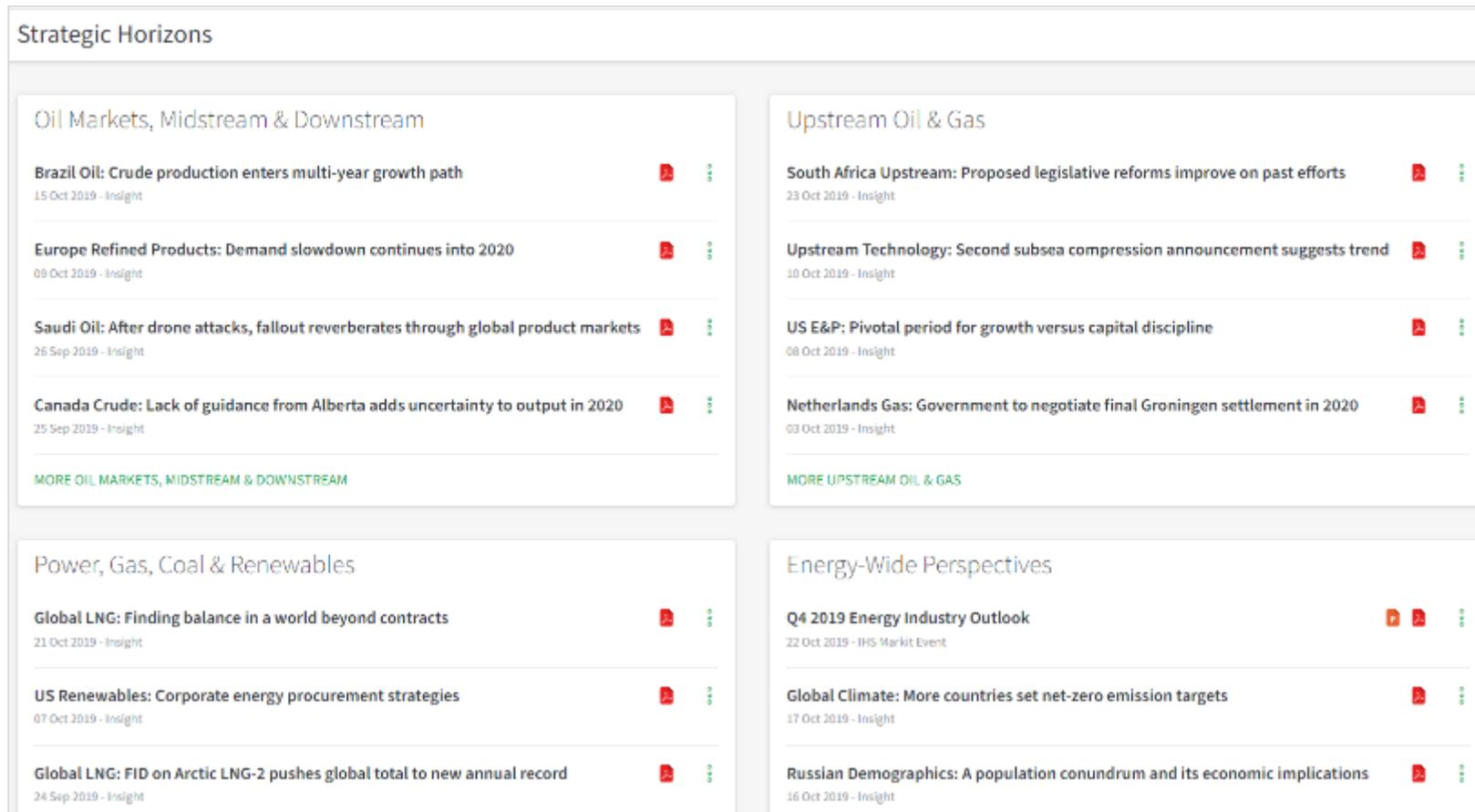
RESEARCH A GEOGRAPHY 

Strategic Horizons Home Page

Use the left-hand rail to browse research and analysis under **Home** and **Research** and data visualization under **Analytics**.



The **Home** page displays **Featured Research**, **Featured Experts**, and **Webinars & Events**.



Strategic Horizons Research Pages

Use the left-hand rail to click on **Research topics** to browse and narrow down **Energy and Climate Scenarios** research.

Strategic Horizons <

- Home
- Research**
 - All
 - Oil Markets
 - Upstream Oil and Gas
 - Power, Renewables, and Natural Gas
 - Climate and Cross Energy
 - Webinars and Events
- Video Library
- My Saved**

Use green arrows to apply **filter options** and/or type a **keyword search**.

Filters < All

Type to Search

Results (600)

FOLLOW THIS

COMPACT EXTENDED

South Africa Upstream: Proposed legislative reforms improve on past efforts
 23 Oct 2019 - Strategic Horizons | Insight
 The South African government has released basic information on draft petroleum reform legislation that it plans to introduce to parliament in early 2020. The legislation will govern the hydrocarbon sector exclusively, rather than being paired with mining regulations, and raise state...

Welcome to Gas, Power, and Energy Futures
 23 Oct 2019 - Regional Integrated | Service Bulletin
 Dear clients, We are pleased to announce the formation of our new "Gas, Power, and Energy Futures" group, the combination of an expanded research team. Our portfolio now includes coverage of gas, power and renewables, coal, energy technology (solar, batteries, energy storage, and hydrogen), and...

Q4 2019 Energy Industry Outlook
 22 Oct 2019 - Strategic Horizons | IHS Markit Event
 The webinar is available for viewing here . The Q4 Energy Industry Outlook webinar from Strategic Horizons, the IHS Markit executive service, took place on Tuesday, 22 October 2019, at 10:00 a.m. EST. Susan Farrell and Christopher Elsner led a discussion about crude oil markets and geopolitical...

Global LNG: Finding balance in a world beyond contracts
 21 Oct 2019 - Strategic Horizons | Insight

Apply filters or a search, then select **Follow This** to save the page and apply an email alert.

Save an individual document, and **share** with colleagues.

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View and access **files** quickly.

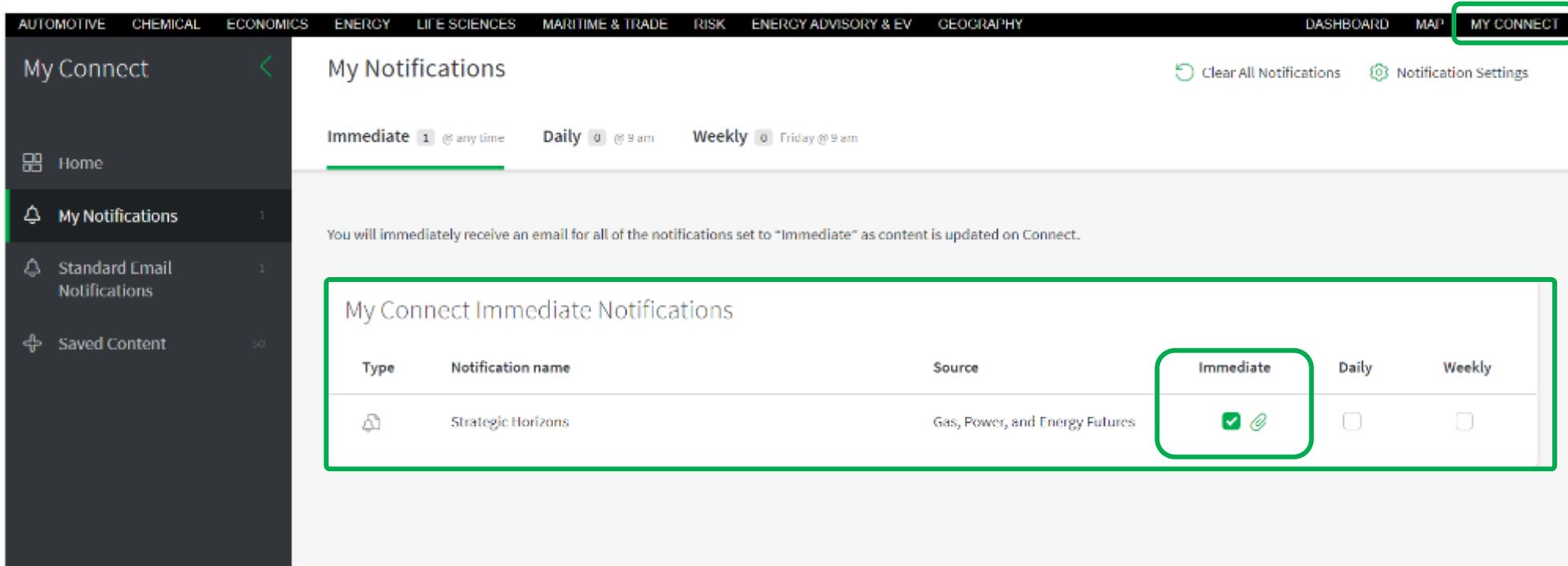
Strategic Horizons Email Alert with PDF Attachment

Click on [My Connect](#) in the black menu bar to set your email alert.

Locate **Strategic Horizons** in the **Standard Email Notifications** section.

Select the **Immediate** box and then the **paperclip icon** to send the memos as a PDF attachment directly to your inbox.

The **Daily** and **Weekly** options will send an aggregated alert each day/week. The pdf attachment option is not available.



My Notifications

Clear All Notifications Notification Settings

Immediate 1 @ any time Daily 0 @ 9 am Weekly 0 Friday @ 9 am

You will immediately receive an email for all of the notifications set to "Immediate" as content is updated on Connect.

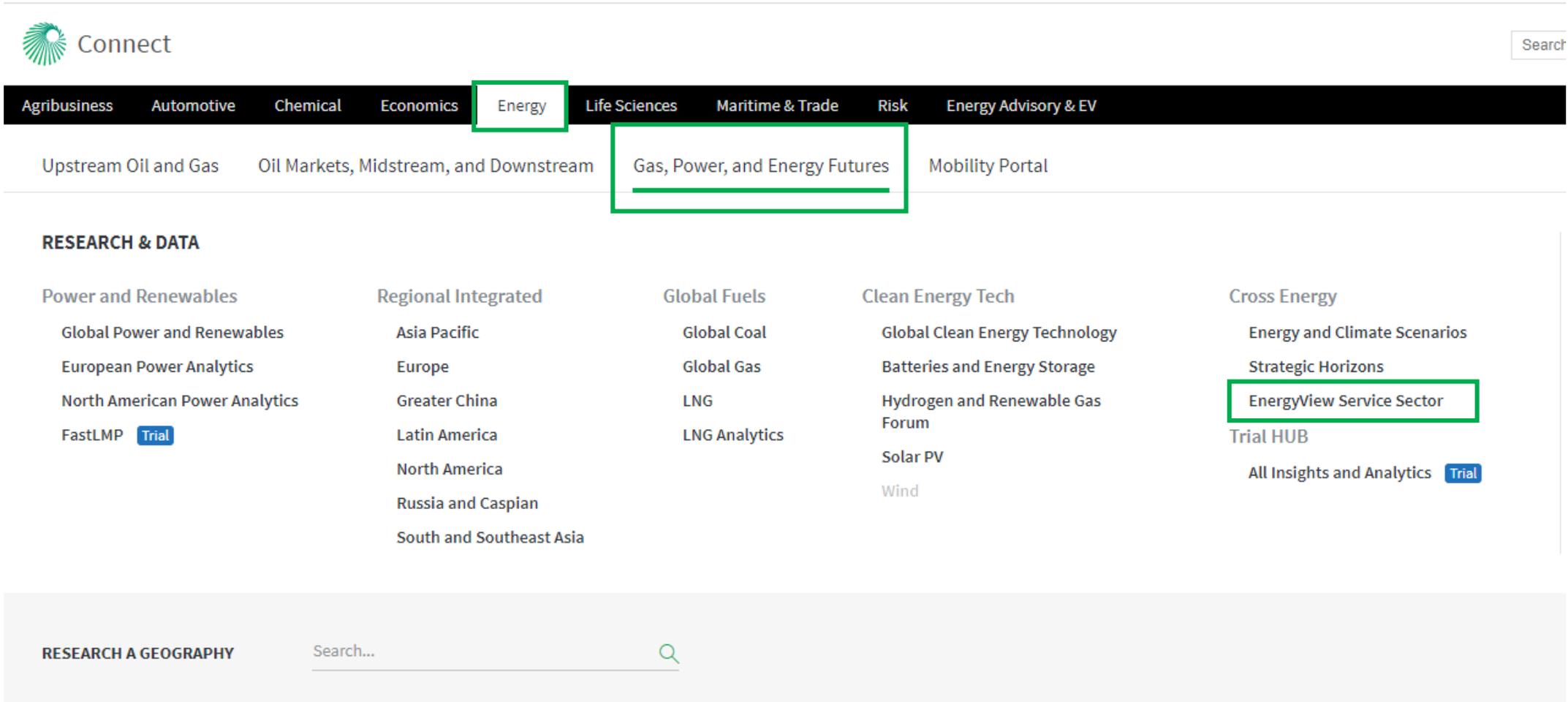
Type	Notification name	Source	Immediate	Daily	Weekly
	Strategic Horizons	Gas, Power, and Energy Futures	<input checked="" type="checkbox"/> 	<input type="checkbox"/>	<input type="checkbox"/>

EnergyView Service Sector

Compiles all available research (Upstream, Oil Markets, Gas, Power, etc.) in one area.

EnergyView Service Sector in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [EnergyView Service Sector](#) under the **Cross Energy** section.



Connect Search

Agribusiness Automotive Chemical Economics **Energy** Life Sciences Maritime & Trade Risk Energy Advisory & EV

Upstream Oil and Gas Oil Markets, Midstream, and Downstream **Gas, Power, and Energy Futures** Mobility Portal

RESEARCH & DATA

Power and Renewables	Regional Integrated	Global Fuels	Clean Energy Tech	Cross Energy
Global Power and Renewables	Asia Pacific	Global Coal	Global Clean Energy Technology	Energy and Climate Scenarios
European Power Analytics	Europe	Global Gas	Batteries and Energy Storage	Strategic Horizons
North American Power Analytics	Greater China	LNG	Hydrogen and Renewable Gas Forum	EnergyView Service Sector
FastLMP Trial	Latin America	LNG Analytics	Solar PV	Trial HUB
	North America		Wind	All Insights and Analytics Trial
	Russia and Caspian			
	South and Southeast Asia			

RESEARCH A GEOGRAPHY 

EnergyView Service Sector Research Page

Compiles all available research (Upstream, Oil Markets, Gas, Power, etc.) in one area.

EnergyView Service Sector

- Home
- Research
 - All
 - Featured Insight
 - Upstream Oil & Gas
 - Oil Markets, Midstream and Downstream
 - Gas, Power, and Energy Futures
 - Cross Energy
 - CAPEX & Costs
 - Webinars & Events
 - Documentation
- Video Library
- Analytics
- My Saved

The Home page displays **Featured Research**, **Featured Experts**, and **Data Analytics** and more.

Home

Featured Research

- EnergyView Service Sector Weekly Report, 23 February 2020
- IHS Markit Select Key Research Publications—Upstream, 20 January 2020
- IHS Markit Select Key Research Publications—Power and Renewables, 20 January 2020
- IHS Markit Select Key Research Publications—Global Gas Markets, 20 January 2020

Expert Analysis

Ankita Chauhan
Senior Analyst, IHS Markit

Implications of onshore wind market slow-down for supply chain in India

India advanced more than 23 GW of onshore wind capacity in tenders since 2017. However, less than half of the 5 GW pipeline projects have started. In 2019, several of the market slow-down factors like lower international and domestic challenges in financing, skilled workforce and land.

Global Scenarios Analytics

Comparison Across Scenarios - Primary Energy Demand

Source: IHS Markit, June 2019 © 2019 IHS Markit

Market Dashboard

Share of global gas production: 2050

Region	Share (%)
North America	30.06%
Middle East	17.75%
Africa	0.00%
Asia Pacific - non-OIL	12.48%
Asia Pacific - non-OIL	4.47%
Latin Am.	2.01%
Europe	25.22%

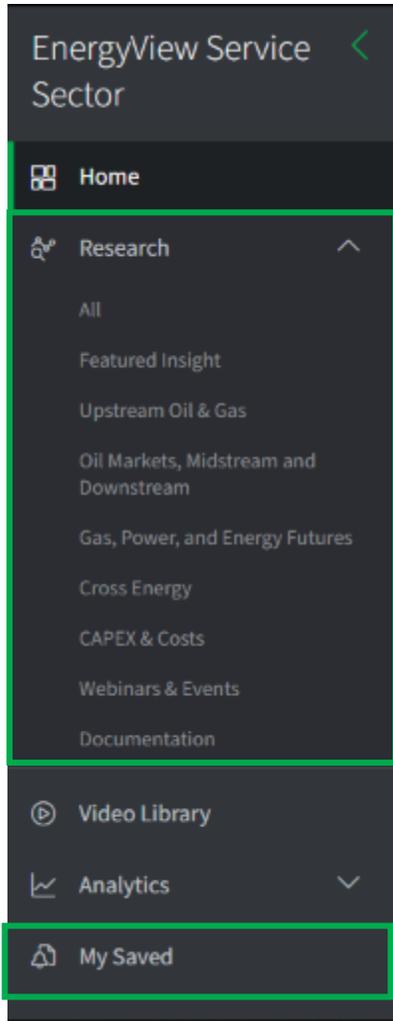
Global domestic consumption by region

Oil Markets, Midstream & Downstream

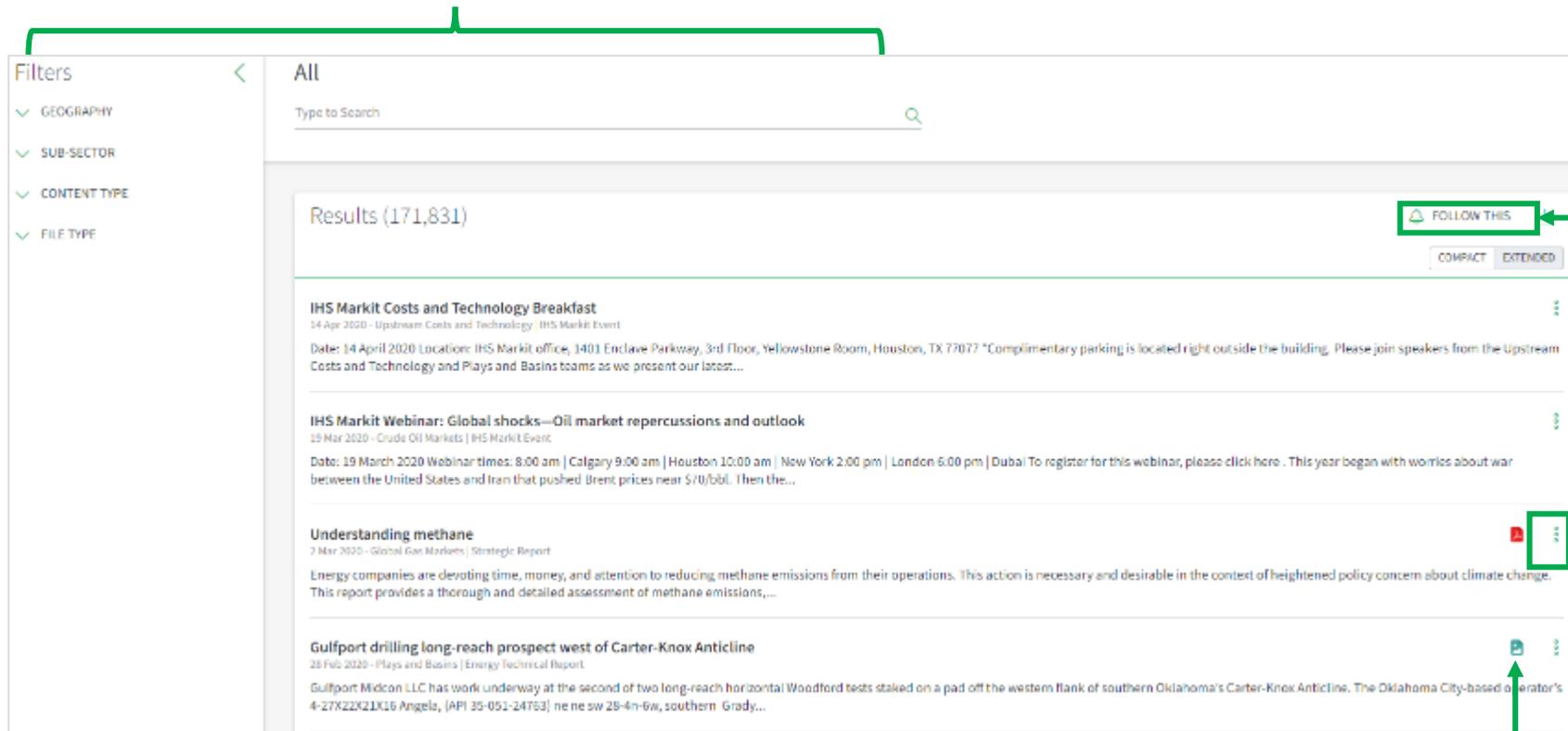
- IHS Markit Midstream: Global shocks - Oil market repercussions and outlook
- Europe, CIS and Africa: Crude Oil Markets Short-Term Outlook - February 2020: COVID-19 hits demand for European crudes, but Libyan disruptions provide uplift
- North American Crude Oil Markets Short-Term Outlook - February 2020: North American producers, refiners, and exporters face sudden challenges as global oil demand declines sharply
- India Crude Oil Market Short-Term Outlook, February 2020: Crude benchmark prices revised down as COVID-19 slows down demand

EnergyView Service Sector Research Page

Use the left-hand rail to select **Research topics** to browse and narrow down research.



Use green arrows to apply **filter options** and/or type a **keyword search**.



Apply filters or a search, then select **Follow This** to save the page and apply an email alert.

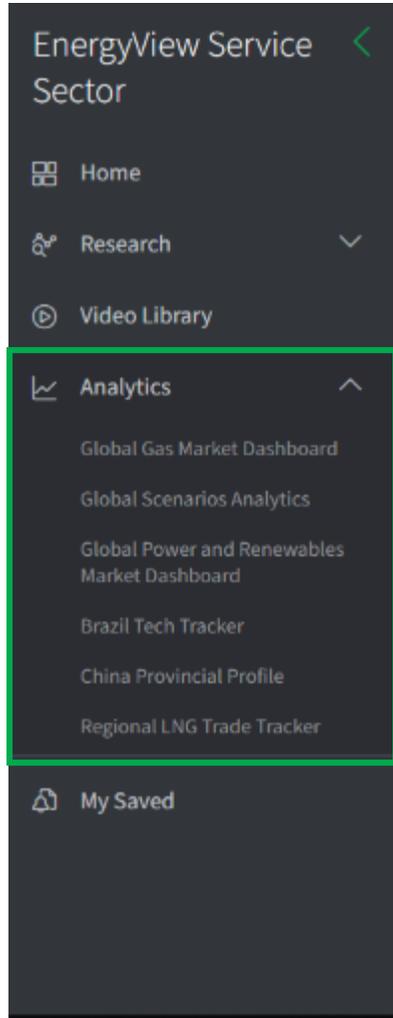
Save an individual document, and **share** with colleagues.

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View and access **files** quickly.

EnergyView Service Sector Research Page

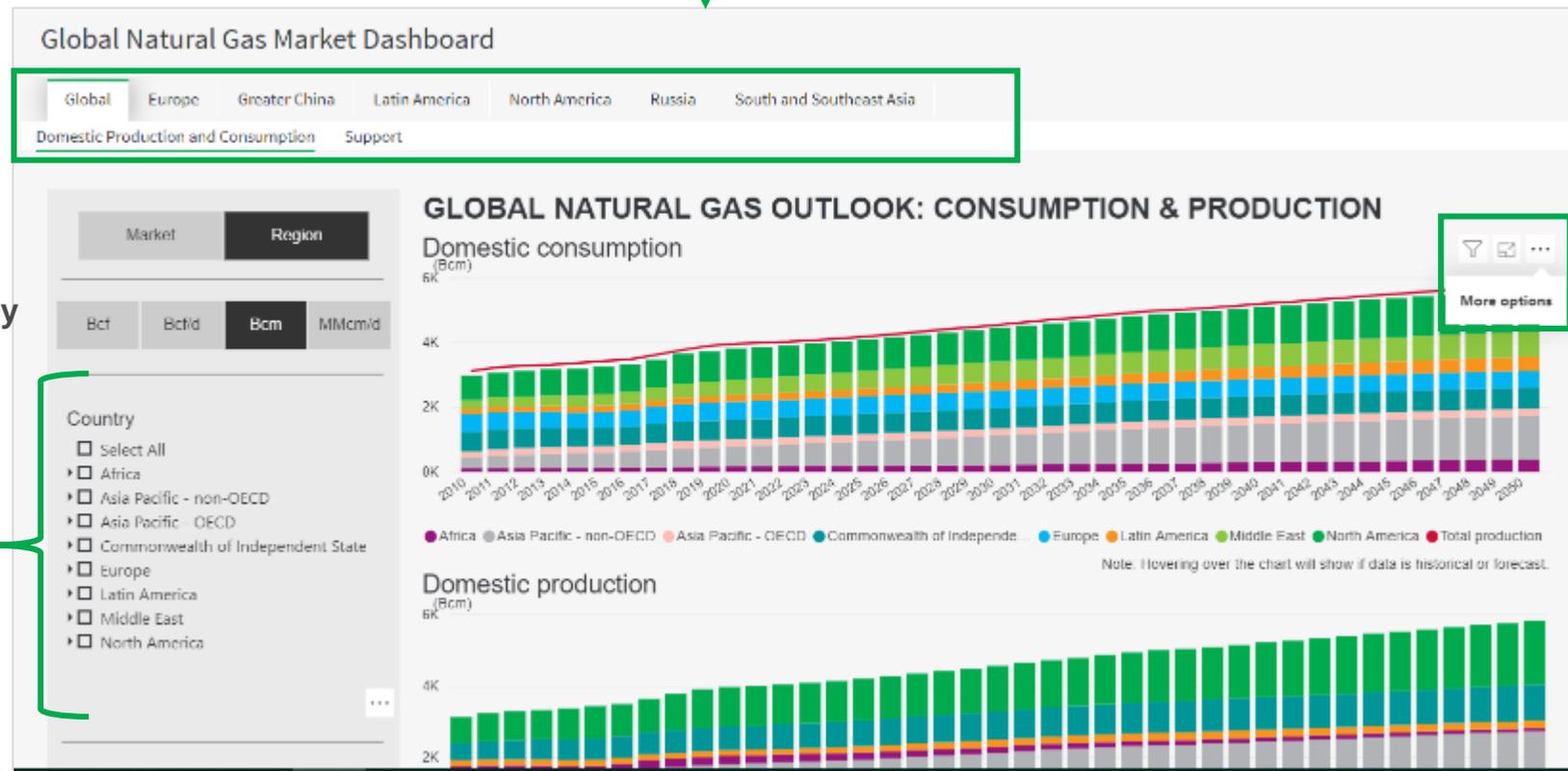
Use the left-hand rail to click on **Analytics** topics to customize and visualize related data.



View by **Concept** or **Geography**

Apply **filter options**

Access **global regions and sub-chapters.**



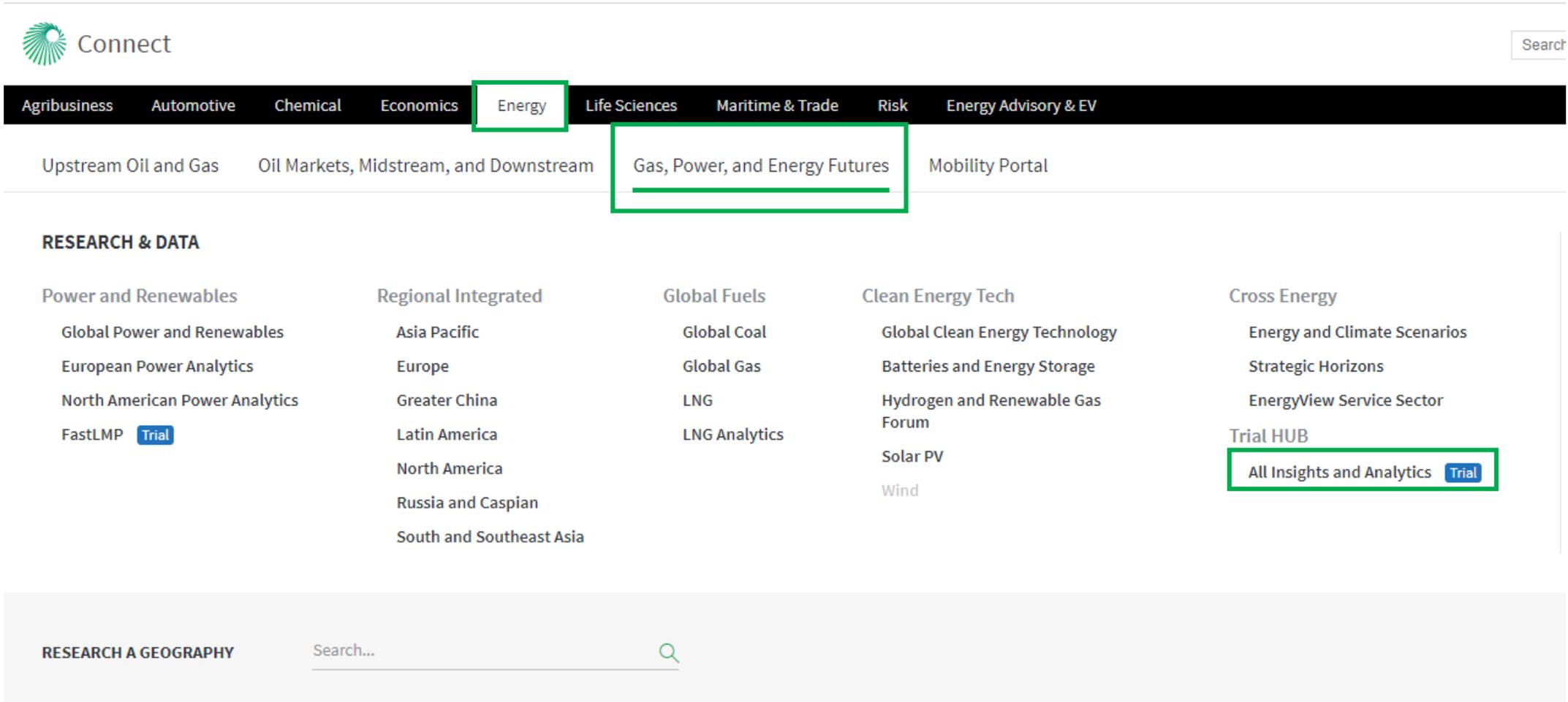
Click the **3-dot menu** to export data.

GPE Trial Hub

Browse selected GPE research outside of your subscription.

GPE Trial HUB in Connect

In Connect, hover over the **Energy** menu > **Gas, Power, and Energy Futures** > click on [All Insights and Analytics](#).



The screenshot shows the IHS Markit Connect website interface. At the top left is the IHS Markit logo and the word "Connect". To the right is a search box labeled "Search". Below this is a horizontal navigation bar with several categories: Agribusiness, Automotive, Chemical, Economics, Energy, Life Sciences, Maritime & Trade, Risk, and Energy Advisory & EV. The "Energy" category is highlighted with a green box. Below the navigation bar, there are sub-categories: Upstream Oil and Gas, Oil Markets, Midstream, and Downstream, Gas, Power, and Energy Futures (highlighted with a green box), and Mobility Portal. Below these is a "RESEARCH & DATA" section with five columns of content:

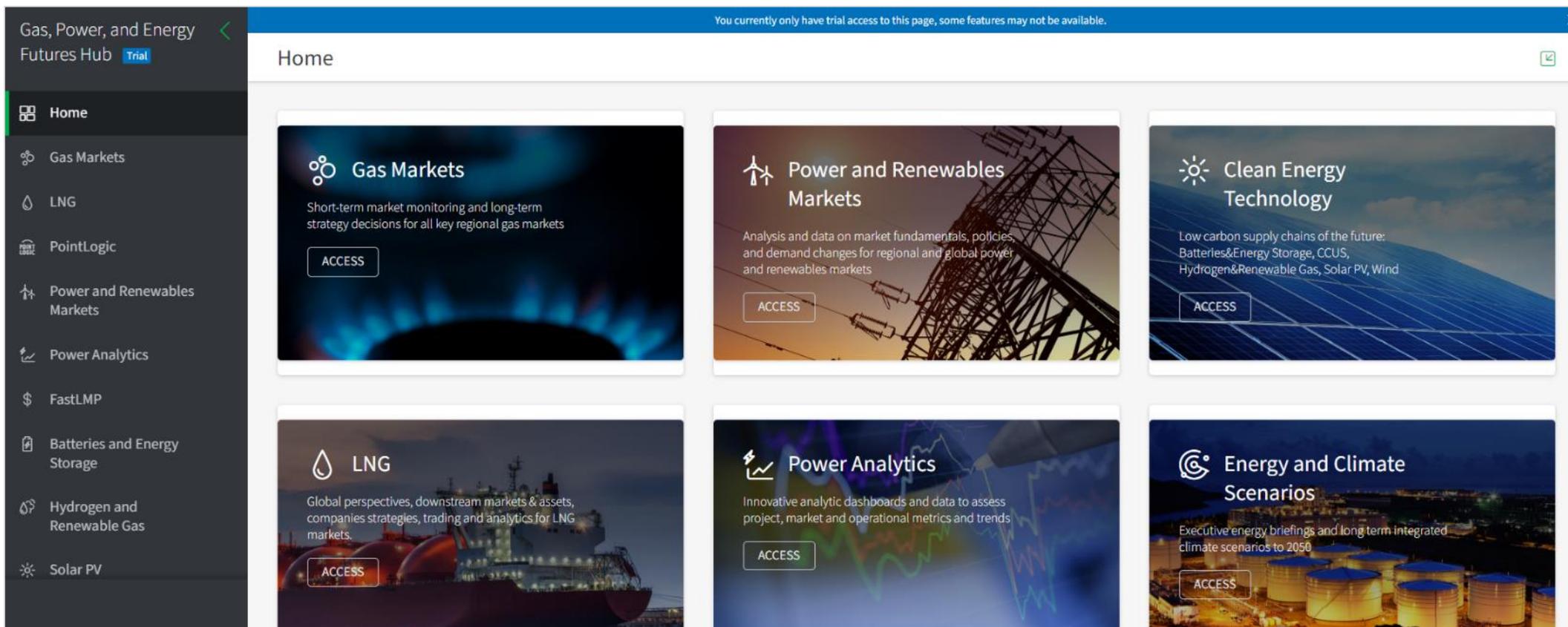
- Power and Renewables:** Global Power and Renewables, European Power Analytics, North American Power Analytics, FastLMP [Trial](#)
- Regional Integrated:** Asia Pacific, Europe, Greater China, Latin America, North America, Russia and Caspian, South and Southeast Asia
- Global Fuels:** Global Coal, Global Gas, LNG, LNG Analytics
- Clean Energy Tech:** Global Clean Energy Technology, Batteries and Energy Storage, Hydrogen and Renewable Gas Forum, Solar PV, Wind
- Cross Energy:** Energy and Climate Scenarios, Strategic Horizons, EnergyView Service Sector, Trial HUB (with "All Insights and Analytics" [Trial](#) highlighted in a green box)

At the bottom of the page, there is a "RESEARCH A GEOGRAPHY" section with a search bar labeled "Search..." and a magnifying glass icon.

GPE Trial Hub

Browse selected GPE research outside of your subscription.

Use the left-hand navigator or Research modules to browse **Research** and **Data Analytics** outside of your subscription.



The screenshot displays the GPE Trial Hub interface. At the top, a blue banner reads: "You currently only have trial access to this page, some features may not be available." The left sidebar contains the following navigation items: Home (selected), Gas Markets, LNG, PointLogic, Power and Renewables Markets, Power Analytics, FastLMP, Batteries and Energy Storage, Hydrogen and Renewable Gas, and Solar PV. The main content area, titled "Home", features six research modules, each with an "ACCESS" button:

- Gas Markets:** Short-term market monitoring and long-term strategy decisions for all key regional gas markets.
- Power and Renewables Markets:** Analysis and data on market fundamentals, policies, and demand changes for regional and global power and renewables markets.
- Clean Energy Technology:** Low carbon supply chains of the future: Batteries&Energy Storage, CCUS, Hydrogen&Renewable Gas, Solar PV, Wind.
- LNG:** Global perspectives, downstream markets & assets, companies strategies, trading and analytics for LNG markets.
- Power Analytics:** Innovative analytic dashboards and data to assess project, market and operational metrics and trends.
- Energy and Climate Scenarios:** Executive energy briefings and long term integrated climate scenarios to 2050.

Contact Us

For questions or assistance, contact our Customer Care team.

Schedule a complimentary Connect training:

IHSConnectTraining@ihsmarkit.com

Access IHS Markit Connect anywhere, anytime for the information, insight and analytics necessary to make critical decisions. Download the free Connect [iPad](#) and [Smartphone](#) apps to your mobile device.



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