



Upstream Oil and Gas

Connect™ User Guide

2019

Table of Contents

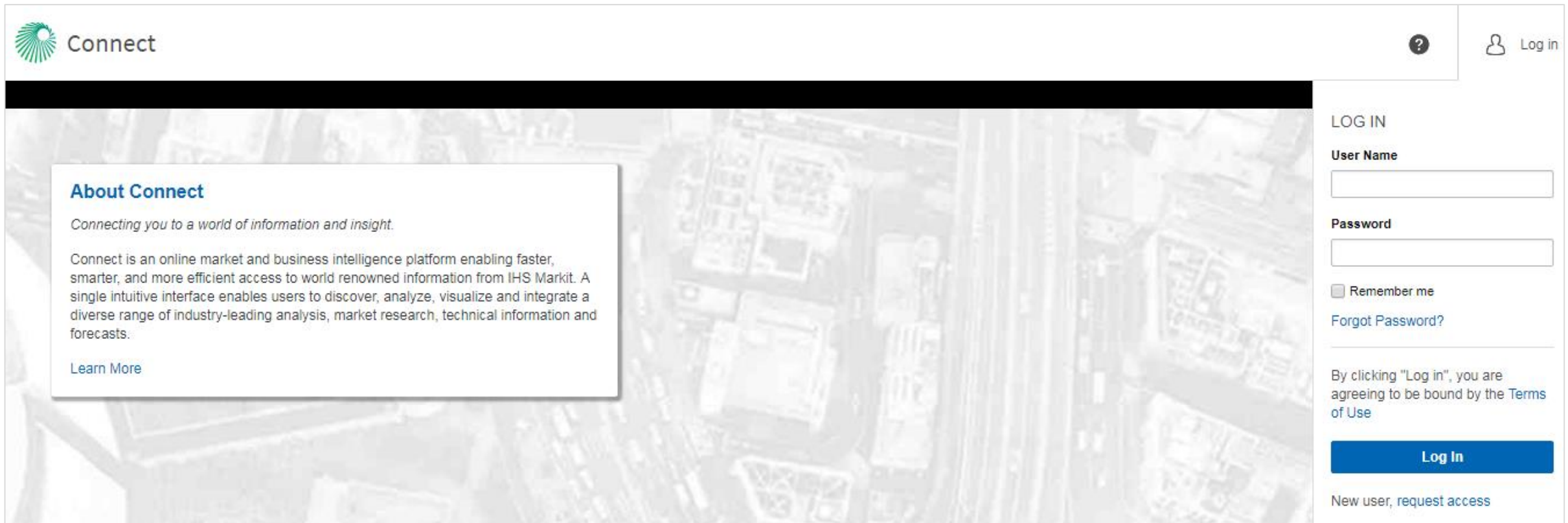
- [Connect Login Instructions](#)
- [Oil & Gas Risk](#)
 - > [E&P Ratings and Rankings Tool](#)
- [Costs and Technology](#)
 - > [Supply Chain Company Search Tool](#)
 - > [Upstream Costs and Technology Analytics](#)
 - > [Costs and Technology Charts](#)
- [Plays and Basins Capability](#)
 - > [Plays and Basins Key Play Analytics](#)
- [Companies and Transactions](#)
 - > [Upstream Company Analytics and Data Tools](#)
 - > [Transaction Research Data Tools](#)
- [Customize Your Research](#) (Email alerts and saved research options)
- [Contact Us](#)

Connect Login Instructions



Connect Login Instructions

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

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



The screenshot shows the Connect login interface. 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, the login form is displayed, including fields for 'User Name' and 'Password', a 'Remember me' checkbox, and a 'Forgot Password?' link. A blue 'Log In' button is positioned below the form, and a link for 'New user, request access' is located at the bottom right.

 Connect ?  Log in

About Connect

Connecting you to a world of information and insight.

Connect is an online market and business intelligence platform enabling faster, smarter, and more efficient access to world renowned information from IHS Markit. A single intuitive interface enables users to discover, analyze, visualize and integrate a diverse range of industry-leading analysis, market research, technical information and forecasts.

[Learn More](#)

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

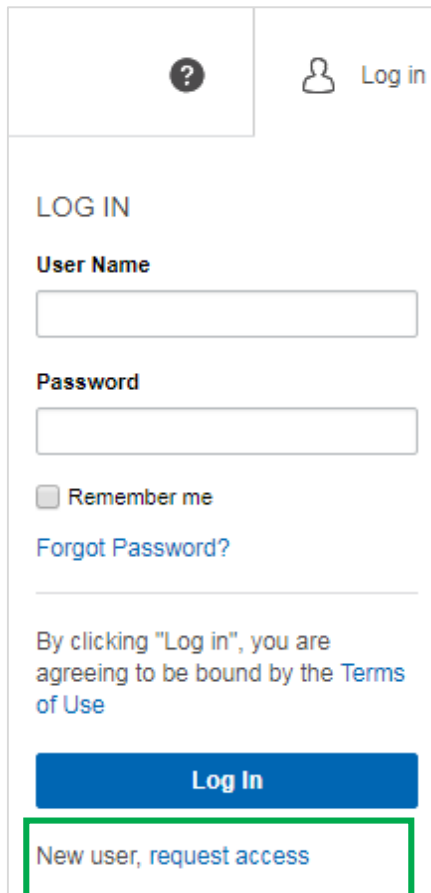
Go to connect.ihs.com and request access.



Follow 4 steps for Connect registration

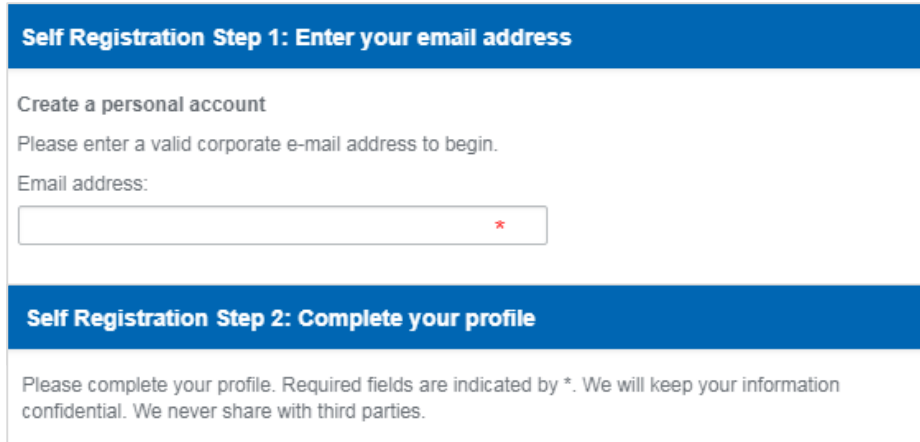
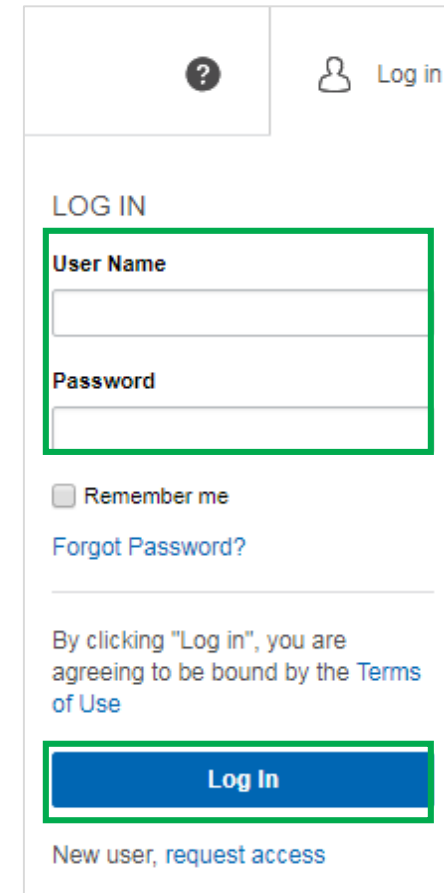


Go to connect.ihs.com and login



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.

Oil & Gas Risk

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*

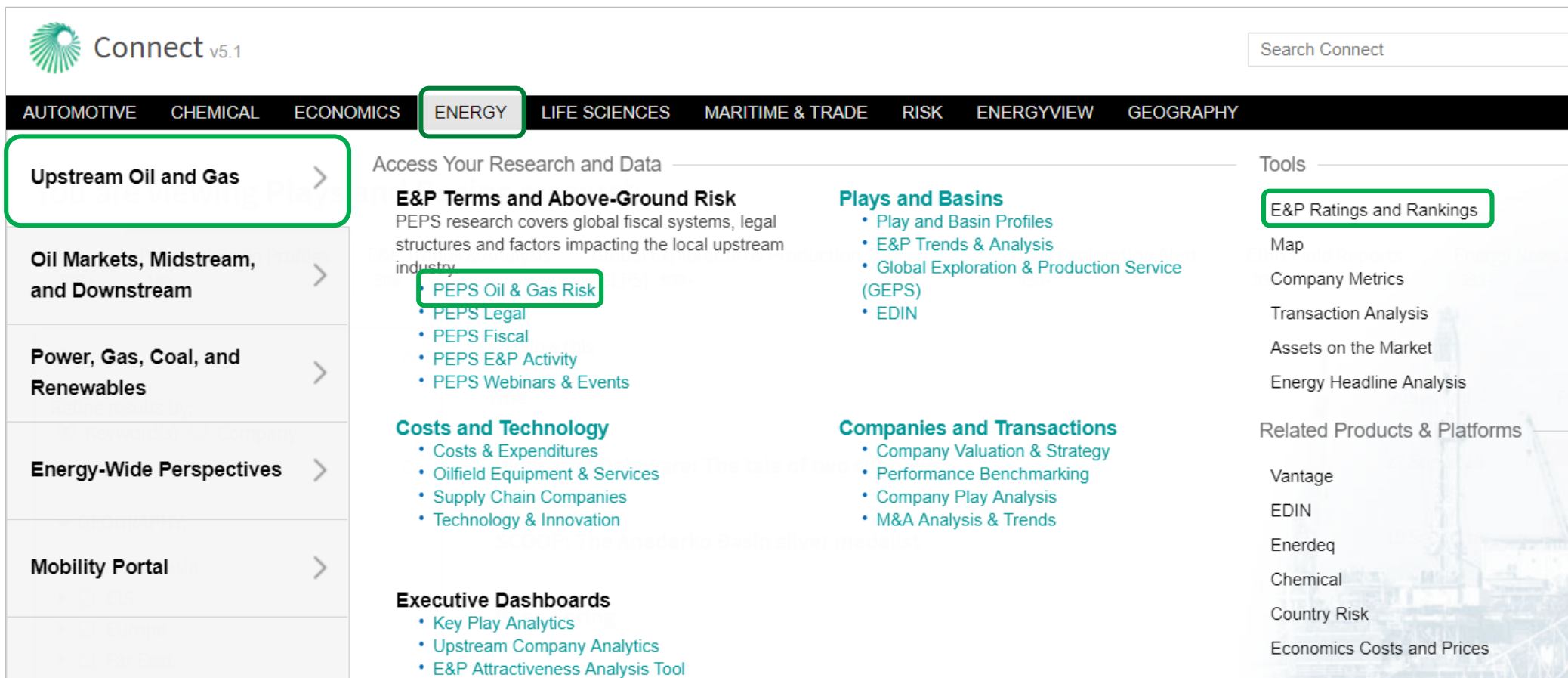


- **E&P Ratings and Rankings Tool:**
 - > Customizable tool to visualize and evaluate risk for 130 countries over the immediate and five-year time-horizons, focusing on 21 upstream risk factors.
 - > Captures metrics relating to existing investor success and experience in access, approvals, contract stability and government relations.
 - > Adjustable weightings enable clients to create a customized view to focus on relevant risks to support new country entry, project or portfolio assessment.

Oil & Gas Risk in Connect

In Connect, hover over the **Energy** menu > **Upstream Oil and Gas** > click on **PEPS Oil & Gas Risk**.

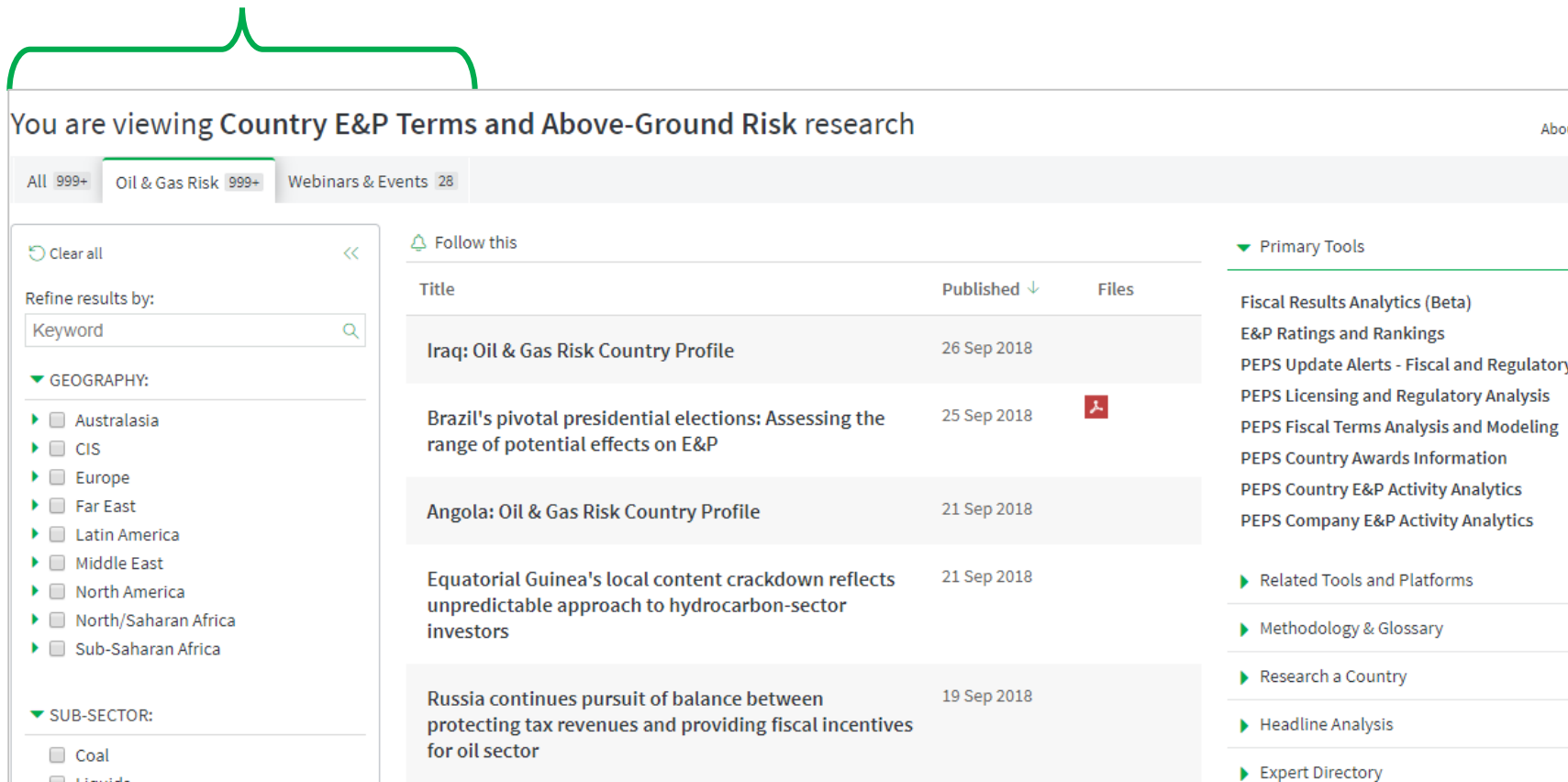
Access the **E&P Ratings and Rankings** data tool under **Tools**.



The screenshot shows the IHS Markit Connect v5.1 interface. At the top, there is a search bar labeled "Search Connect". Below it is a navigation bar with categories: AUTOMOTIVE, CHEMICAL, ECONOMICS, ENERGY, LIFE SCIENCES, MARITIME & TRADE, RISK, ENERGYVIEW, and GEOGRAPHY. The "ENERGY" category is highlighted with a green box. A dropdown menu is open under "ENERGY", with "Upstream Oil and Gas" highlighted by a green box. Under "Upstream Oil and Gas", there are several sub-items: "Oil Markets, Midstream, and Downstream", "Power, Gas, Coal, and Renewables", "Energy-Wide Perspectives", and "Mobility Portal". The "PEPS Oil & Gas Risk" item is highlighted with a green box. To the right of the dropdown, there are sections for "Access Your Research and Data", "Tools", and "Related Products & Platforms". The "Tools" section has "E&P Ratings and Rankings" highlighted with a green box. Other tools listed include "Map", "Company Metrics", "Transaction Analysis", "Assets on the Market", and "Energy Headline Analysis". The "Related Products & Platforms" section lists "Vantage", "EDIN", "Enerdeq", "Chemical", "Country Risk", and "Economics Costs and Prices".

Oil & Gas Risk Page Navigation

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



Keyword search and relevant filter options.

Relevant Data tools, Charts, and other Resources..

View and quickly access research and insights.

E&P Ratings and Rankings Tool

You are viewing Country E&P Terms and Above-Ground Risk research based on your selected filters below

About this page

All 2 Oil & Gas Risk 2 Webinars & Events 0

Clear all

Refine results by:

Keyword

Follow this

Primary Tools

Title	Published	Files	Primary Tools
Oil & Gas Risk: Global Risk Outlook - August 2018	13 Aug 2018		Fiscal Results Analytics (Beta) E&P Ratings and Rankings



In the **Primary Tools** section, click on **E&P Ratings and Rankings** to visualize, customize and export IHS Markit Oil & Gas Risk Ratings and Rankings

Map Table Chart Q4 2018

Investor Attractiveness: Low 2, Medium 4, 6, High 8, 10

Country	Oil & Gas Risk						5 Year Forecast	5 Year forecast trend
	Overall Rating	Politics (20%)	Economics (20%)	Hydrocarbon Sector Entry (20%)	Hydrocarbon Sector Operations	Hydrocarbon Sector Shocks (15%)		
Afghanistan	3.76	2.00	4.55	4.20	4.05	3.95	3.41	↓
Albania	6.56	5.75	6.65	7.10	6.05	7.65	6.92	↑
Algeria	5.00	5.75	5.75	4.00	4.10	5.85	5.39	↑
Angola	5.06	4.75	4.60	4.60	4.50	7.60	5.22	↑
Argentina	5.71	7.50	4.70	6.50	5.00	4.80	5.97	↑
Australia	8.02	9.75	8.25	6.30	8.55	6.80	7.91	↓
Austria	8.17	9.75	8.35	5.50	8.65	8.60	8.19	↑

E&P Ratings and Rankings Tool Functionality

Toggle between **Map**, **Table** and **Chart** View.

Adjust your time period with an **interactive slicer**.

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

Save your selected region or countries & **export** your data to excel.

Map Table Chart

Q4 2018

2016 2017 2018

IHS weights Custom weights Profiles Export

Investor Attractiveness

Low 2 4 6 8 10 High

Geography Select All Clear All

Regions My Regions

- Australasia
- CIS
- Europe
- Far East
- Latin America
- Middle East
- North America
- Saharan Africa
- Sub-Saharan Africa

Filters

Country	Oil & Gas Risk							5 Year forecast trend
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Afghanistan	3.76	2.00	4.55	4.20	4.05	3.95	3.41	↘
Albania	6.56	5.75	6.65	7.10	6.05	7.65	6.92	↗
Algeria	5.00	5.75	5.75	4.00	4.10	5.85	5.39	↗
Angola	5.06	4.75	4.60	4.60	4.50	7.60	5.22	↗
Argentina	5.71	7.50	4.70	6.50	5.00	4.80	5.97	↗
Australia	8.02	9.75	8.25	6.30	8.55	6.80	7.91	↘
Austria	8.17	9.75	8.35	5.50	8.65	8.60	8.19	↗

Refer to the featured **Traffic Light Methodology** for Upstream Investment Risk Assessment.

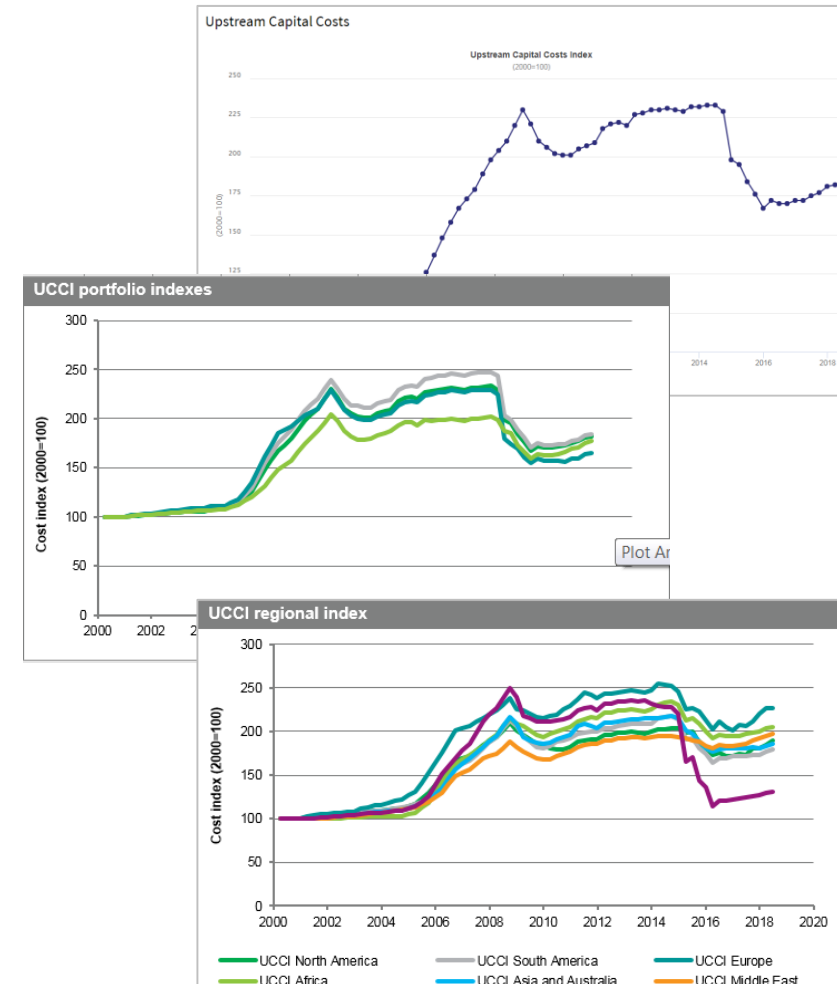
Select your countries of interest.

Costs and Technology

- > Costs & Expenditures
- > Oilfield Equipment & Services
- > Technology & Innovation

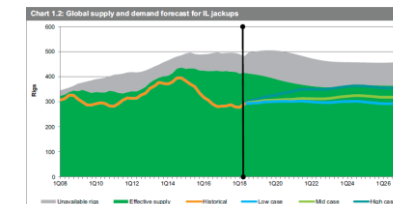
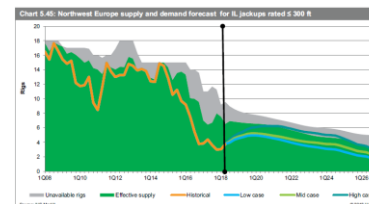
Costs & Expenditures Deliverables

- **Upstream Capital Costs:** Quarterly workbook update and CAPEX market review. Semi-annual Upstream Costs workshop and ad hoc insights.
- **Upstream Operating Costs:** Quarterly workbook update and OPEX market review.
- **Global Upstream Spending & Industry Trends:** 4x/year report updating 5-year spending outlook and 2x/year overview of supplier markets outlining key industry drivers.
- **North America Costs & Expenditures:** 4x/year report updating detailed regional 5-year spending outlook and 4x/year index workbook and review tracking and forecasting region/play cost escalation.
- **Brazil Costs:** 4x/year cost index and periodic strategic sourcing analysis & ad hoc insights, 1x/year workshop.
- **Webinars:** Delivered by the best IHS Markit energy thought leaders. *Ad-hoc at least 4 per*



Oilfield Equipment & Services Deliverables

- **Market Segment Analysis:** Reports are updated 3x/year across more than 30 individual Upstream Market segments covering Engineering & Fabrication; Subsea & Capital Equipment; Rig Markets and Offshore Services & Vessels. Each report analyses and forecasts supply, demand, market balance and cost developments, providing regional breakdowns and competitive analysis.
- **Market Segment Cost Models:** quarterly updated 50+ cost models across 34 market segments. Transparent nearly 300 raw data indices. Date range 2003-2019. (quarterly & annual)
- **Supply Chain Company Profiles:** for 90+ oilfield service & equipment vendors. Each Profile provides valuable insight into vendor capabilities and performance, looking at both project activity and financial data.
- **Supply Chain Company Online Search Tool** provides basic capability details for 800+ supplier and contractors. searchable by vendor name, region, equipment or services segment, capabilities and market position in each segment.



- **IHS Markit IQ Reports** provide detailed analysis & outlook of:
 - > play-by-play details of NAM rig counts, well completions, wells frac'ed, frac stages, and stimulated length/**WellIQ**.
 - > US proppant supply, demand, and pricing, by play and proppant type (sand, resin-coated sand, ceramics)/**ProppantIQ**.
 - > Global fracturing services market/**PumpingIQ**.
 - > US oilfield water management market /**WaterIQ**.
 - > Global stimulation chemicals market and trends, including a market overview report and deep-dive reports on 8 key chemical categories (crosslinker, HCl, guar, etc.)/**ChemIQ**.
 - > **Material Price Tables & Headline Analysis**

Technology & Innovation Deliverables

- **IHS Markit Oil & Gas Digitalization Workshops:** Semi-annual member workshops and associated research reports.
- **Technology Screening reports:** Quantifying technology impacts (e.g., recovery factor increase) by resource segment to provide guidance on investment and deployment prioritization.
- **Technology Trends reports:** Updates on technology development trends e.g. spending levels, areas of focus, sources of innovations and organizational strategy, along with the business and technical factors influencing them. Deep dives into key technology development trends along with guidance on how best to position one's organization to benefit from them. Best practices for accelerating technology adoption by shortening the cycle from field piloting to broad deployment, reinforced by actual industry case studies.
- **Special reports and insights**

Digitalization and automation project overview

Overview of digital technologies and supporting technologies

- Remote operations center (ROC)**
 - Real-time surveillance and production control (includes central control room [CCR])
 - Production responsibilities (including semiautonomous flow assurance)
 - Commercial (automated gas trading)
 - Maintenance, logistics
- Onshore terminal**
 - Acts as a hub
 - Access point to gas distribution network
- Regional headquarters (HQ)**
 - Technical experts (e.g. perform model updates)
 - New digitalization initiative
 - 95 km from ROC

Business unit project philosophy

- Strong local management support, little influence from global HQ
- Receptive (but disciplined) investment climate
- One of the E&P firm's two most comprehensive digital technology implementations

Communications

- Radio link (beam connection) between hubs and onshore ROC (5–10 Mb/s)
- Hub-satellite links primarily via radio (2–4 Mb/s)
- Several hub and satellite(s) connected via

Theme: From a resource-intensive, fragmented operating model to a lean, centralized one

Digitalization-enabled change in operating model

Fragmented operating model

- "Island" culture
- Lack of collaboration and coordination

Identified deficiencies

- Meeting offshore engineering needs—inflexible staffing model
- Inefficiencies in dealing with production challenges

Centralized operating model

- Standardization and cohesion of production processes
- Different platform crews and of best practices (production, maintenance, logistics, etc.)
- Integrated planning
- Headcount: four to twelve crew per hub

A significant change management effort supported the centralization initiative

- Intriguing theme—intentionally invoked passionate discussions
- Education and support—training, meetings, magazine, etc.
- Impactful appearance—flagship ROC building with spacious control room

Semiautonomous flow assurance approach

Dynamic simulation (HQ based)

Forecast

Data

Flushing recipe

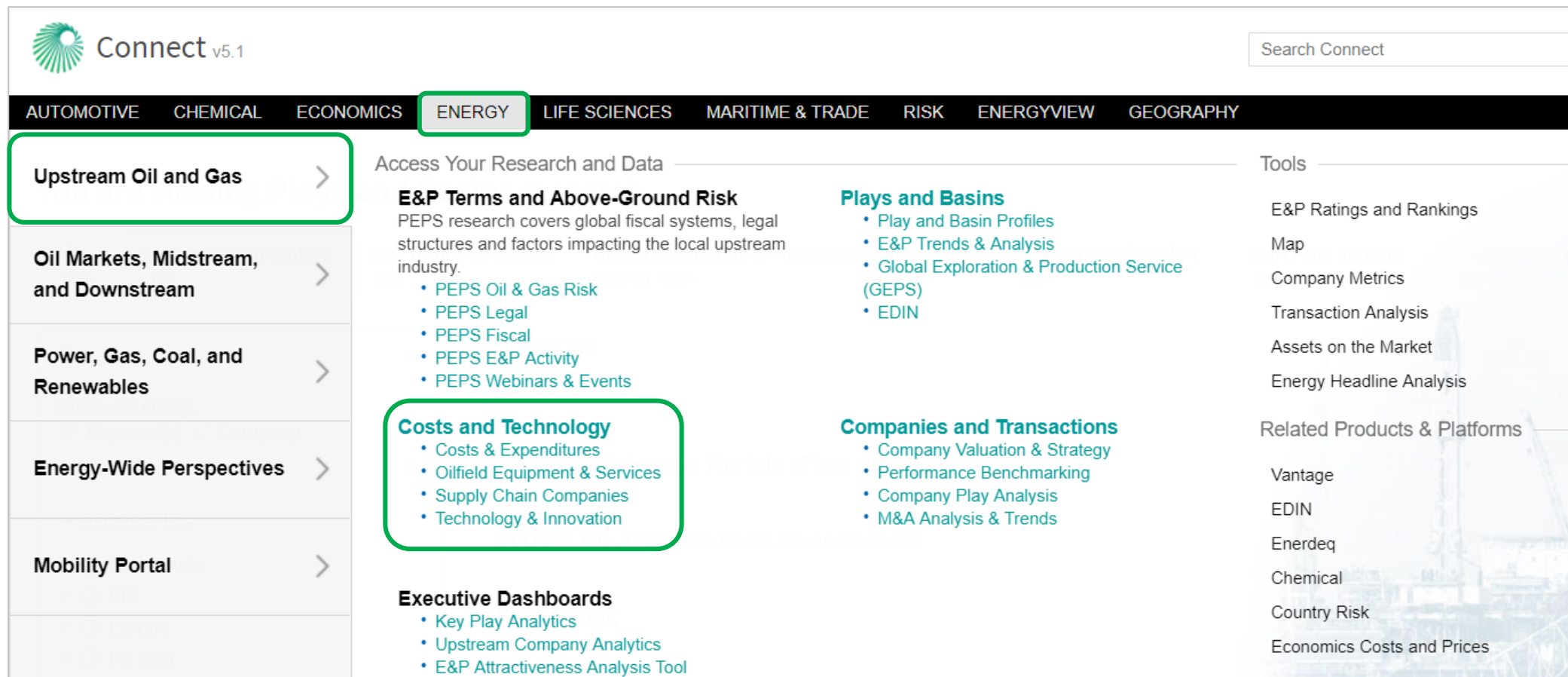
- 1:
- 2:
- 3:

Source: IHS Markit

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Costs and Technology in Connect

In Connect, hover over the **Energy** menu > **Upstream Oil and Gas**> click on **Costs and Technology** topics.



Connect v5.1 Search Connect

AUTOMOTIVE **CHEMICAL** **ECONOMICS** **ENERGY** **LIFE SCIENCES** **MARITIME & TRADE** **RISK** **ENERGYVIEW** **GEOGRAPHY**

Upstream Oil and Gas >

Oil Markets, Midstream, and Downstream >

Power, Gas, Coal, and Renewables >

Energy-Wide Perspectives >

Mobility Portal >

Access Your Research and Data

E&P Terms and Above-Ground Risk
PEPS research covers global fiscal systems, legal structures and factors impacting the local upstream industry.

- PEPS Oil & Gas Risk
- PEPS Legal
- PEPS Fiscal
- PEPS E&P Activity
- PEPS Webinars & Events

Costs and Technology

- Costs & Expenditures
- Oilfield Equipment & Services
- Supply Chain Companies
- Technology & Innovation

Executive Dashboards

- Key Play Analytics
- Upstream Company Analytics
- E&P Attractiveness Analysis Tool

Plays and Basins

- Play and Basin Profiles
- E&P Trends & Analysis
- Global Exploration & Production Service (GEPS)
- EDIN

Companies and Transactions

- Company Valuation & Strategy
- Performance Benchmarking
- Company Play Analysis
- M&A Analysis & Trends

Tools

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

Related Products & Platforms

- Vantage
- EDIN
- Enerdeq
- Chemical
- Country Risk
- Economics Costs and Prices

Costs & Technology Page Navigation*

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

The screenshot shows the IHS Markit interface for 'Upstream Costs and Technology' research. At the top, there are navigation tabs: 'All 999+', 'Costs & Expenditures 230', 'Oilfield Equipment & Services 532', 'Supply Chain Companies 999+', 'Technology & Innovation 142', and 'Webinars & Events 230'. On the left, a filter panel allows refining results by 'Keyword(s)' or 'Company', with a 'GEOGRAPHY' section listing regions like Australasia, CIS, Europe, Far East, Latin America, Middle East, and North America. The main content area features a table of research items:

Title	Published	Files
Asia-Pacific Industry Trends - Issue 2 Archive	15 Oct 2018	
North American upstream spending - Issue 14 Archive	13 Sep 2018	
IHS Markit Events: Upstream Costs and Expenditures Third-Quarter Update Series, Houston, 6-8 November 2018	12 Sep 2018	
Global Upstream Spending - Issue 26 Archive	06 Sep 2018	

On the right, a sidebar titled 'Material Prices Table' lists various data tools and resources such as 'Primary Tools', 'Supply Chain Company Search', 'Analytics and Charts', 'Related Tools and Platforms', 'Upcoming Research', 'Methodology & Glossary', 'Service Bulletins', 'Headline Analysis', and 'Expert Directory'. A green arrow points to a PDF icon in the table's 'Files' column.

Keyword search and relevant filter options.

Relevant Data tools, Charts, and other Resources.

View and access files quickly.

* Applicable to each Costs & Technology Capability.

Costs & Technology Topical Tabs on Research Page

You are viewing Upstream Costs and Technology research

[All 999+](#)
[Costs & Expenditures 230](#)
[Oilfield Equipment & Services 479](#)
[Supply Chain Companies 999+](#)
[Technology & Innovation 142](#)
[Webinars & Events 230](#)

Costs & Expenditures	Oilfield Equipment & Services	Supply Chain Companies	Technology & Innovation	Webinars & Events
Market Update & Summary of all Indexes Excel Workbooks for:	Market Segment Analysis Reports	Supply Chain Company Profiles	IHS Markit Oil and Gas Digitalization Workshops	Event workshop presentation materials
> Upstream Capital Costs	Market Segment Cost Models		Technology Screening Reports	Webinar recordings and presentation materials
> Upstream Operating Costs	ChemIQ		Technology Trends Reports	
> Brazil Costs & Strategic Sourcing	ProppantIQ		Special Reports	
> North America Costs	WaterIQ		Insights	
Global Upstream Spending & Industry Trends Reports	Pumping IQ			
North American Upstream Spending Report				

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

Supply Chain Company Search Tool

You are viewing **Upstream Costs and Technology** research

[All 999+](#)
[Costs & Expenditures 230](#)
[Oilfield Equipment & Services 479](#)
[Supply Chain Companies 999+](#)
[Technology & Innovation 142](#)
[Webinars & Events 230](#)

[Clear all](#)
<<

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In the **Primary Tools** section, click on **Supply Chain Company Search** to search across 1,000 equipment and service suppliers by capability, segment, region and/or market position.

All	All	All	All	All	All	All	Clear filters
Supplier/Contractor	Profiles	Market Segment	Capability	Market Position	Regions	Comment	
A&H Enterprises Inc		Valves	Supplier	Minor	Australasia, Europe, Far East, Latin America, North America, North/Saharan Africa, Sub-Saharan Africa	Patented the Amflow technology. Control valves.	
A.Hak Pipelines & Facilities B.V.		Onshore Pipelay	I	Medium	Australasia, Europe, Far East, Middle East		
Aban Offshore Ltd.		Jackup Rigs	Services	Major	Australasia, Far East, Latin America, Middle East	Central America (Mexico) only, supplies rigs to Iran	
ABB Ltd.		Onshore Production Facilities	EPC/EPIC	Minor	Europe, Middle East, North/Saharan Africa, Sub-Saharan Africa	Gas processing plant	
ABC Maritime AG		Offshore Accommodation	Leaser	Medium	Australasia, Far East, North/Saharan Africa, Sub-Saharan Africa		
Abu Dhabi Aviation (ADA)		Helicopters	Services	Minor	Middle East	UAE. The largest helicopter operator in MIE	

Material Prices Table [↓](#)

Commodity	Last week	Last month	Change
Crude oil, Brent	83.05	78.11	↗ 6.3%
Crude oil, WTI	72.96	68.96	↗ 5.8%
Natural gas, Henry Hub	3.30	2.93	↗ 12.3%

▼ Expand

Source: IHS Pricing and Purchasing
 Note: "Last week" = weekly average; "Last month" = price lagged 4 weeks; "Last year" = price lagged 52 weeks. "Change" is calculated by the difference in the price from "Last week" to "Last month".

[More](#)

Training Video

▼ Primary Tools

Supply Chain Company Search

Upstream Costs and Technology Analytics

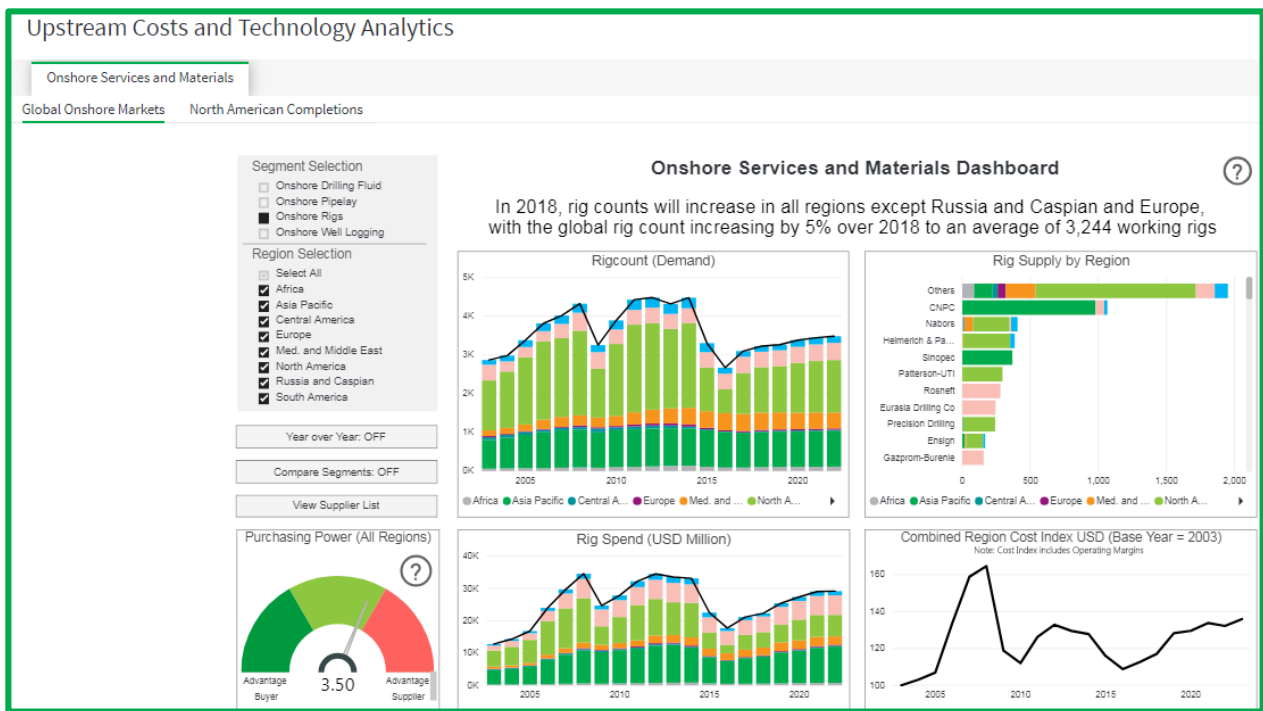
You are viewing Upstream Costs and Technology research

- All 999+
- Costs & Expenditures 230
- Oilfield Equipment & Services 479
- Supply Chain Companies 999+
- Technology & Innovation 142
- Webinars & Events 230

Clear all

Follow this

In the **Analytics and Charts** section, click on **Upstream Costs and Technology Analytics** to visualize, customize, and export data related to **Global Onshore Markets** and **North American Completions**.



Material Prices Table

Commodity	Last week	Last month	Change
Crude oil, Brent	83.05	78.11	6.3%
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Expand

Source: IHS Pricing and Purchasing
 Note: "Last week" = weekly average; "Last month" = price lagged 4 weeks; "Last year" = price lagged 52 weeks. "Change" is calculated by the difference in the price from "Last week" to "Last month".

More

Training Video

Analytics and Charts

Upstream Costs and Technology Analytics **NEW**

- Brazil Costs and Strategic Sourcing
- Market Segment Cost Indexes
- Upstream Operating Costs
- Upstream Capital Costs
- Downstream Capital Costs Index

Costs & Technology Dynamic Charts

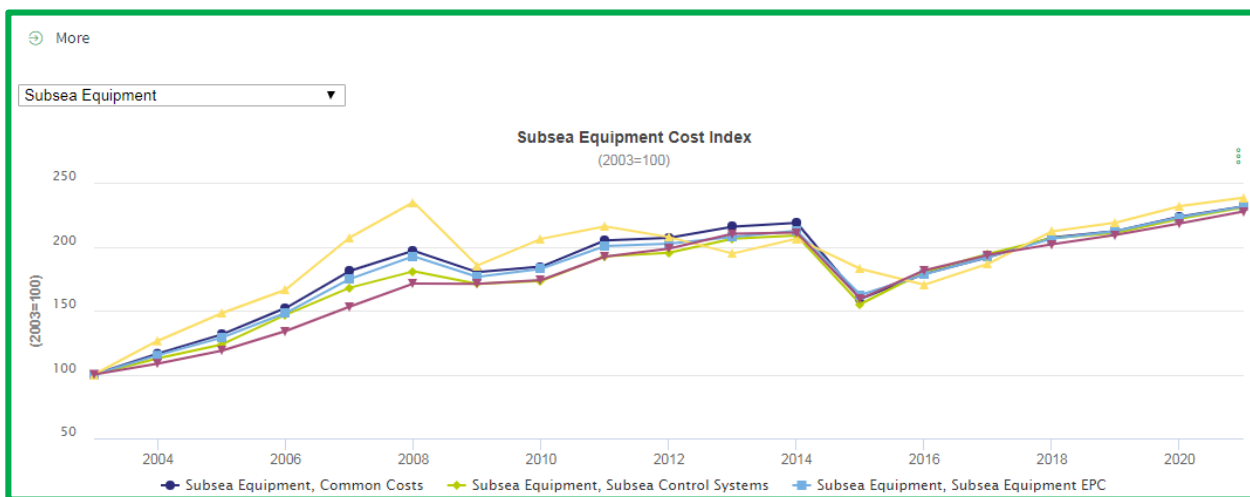
You are viewing **Upstream Costs and Technology** research

- All 999+
- Costs & Expenditures 230
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- Webinars & Events 230

Clear all <<

Follow this

In the **Analytics and Charts** section, click on a relevant option to visualize, customize, and export **Upstream Costs and Market Segment Cost Indexes**.



Material Prices Table

Commodity	Last week	Last month	Change
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More

Training Video

Primary Tools

- Analytics and Charts
- Brazil Costs and Strategic Sourcing
 - Market Segment Cost Indexes
 - Upstream Operating Costs
 - Upstream Capital Costs
 - Downstream Capital Costs Index

Plays and Basins

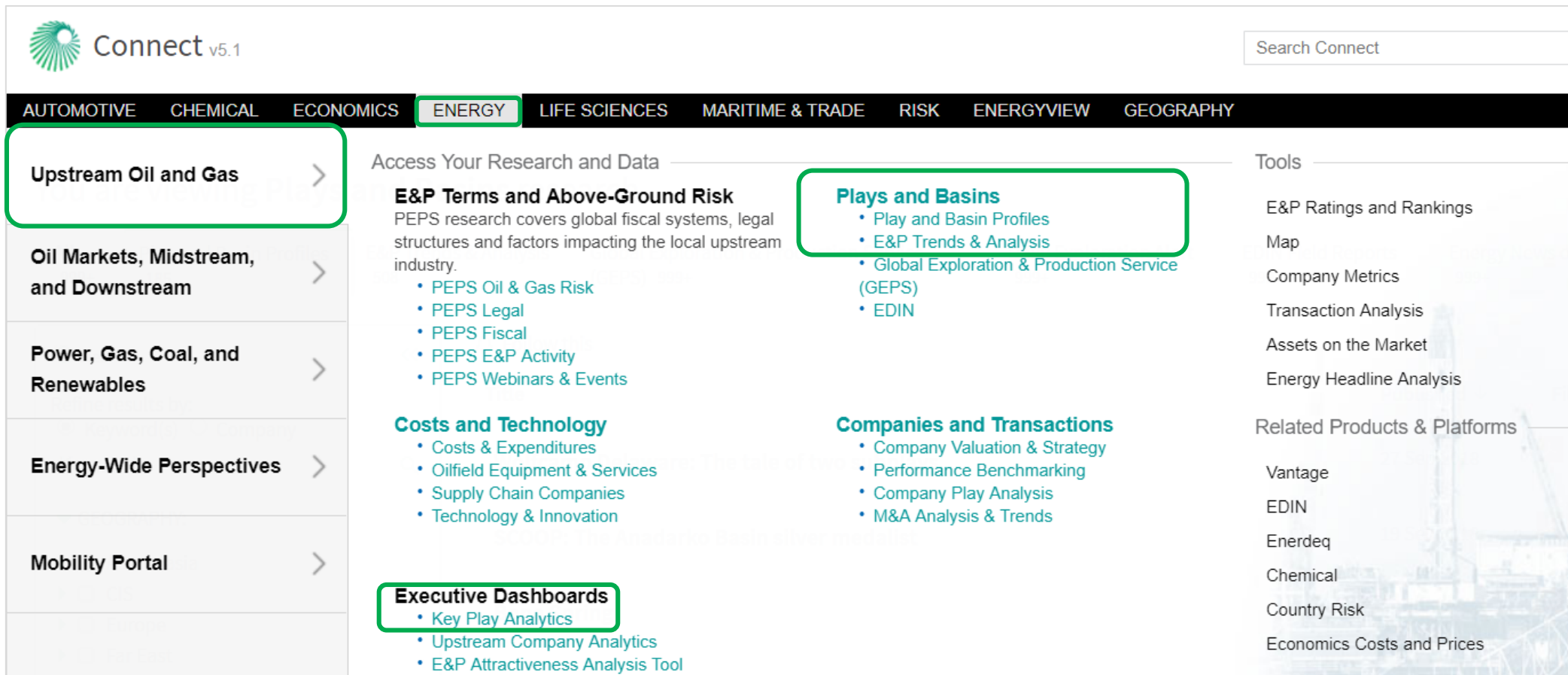
Plays and Basins Deliverables

- **Plays and Basins North America:** Provides the most comprehensive forward-looking analysis of oil and gas exploration and development activity in leading unconventional resource plays in both the U.S. and Canada.
 - > Regularly published insight into competitive activity in North American unconventional plays.
 - > Type curves and economics for different sub-plays within each play.
 - > Benchmarking of key operators by daily production and economics.
 - > Trends in well construction and drill times.
 - > Rig-based, market constrained production forecasts for North American resource plays.
 - > Forward-looking evaluation of emerging plays.
 - > Direct access to IHS Markit experts.
- **Basin Insights:** the 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.
- Regularly updated briefs that answer questions such as:
 - > To whom is this basin most important, and why?
 - > How is value being created in this basin, and by whom?
 - > What are the drivers of future basin development?
- **Leading Indicator Memos:** High-frequency report series that assess implications of events affecting select basins:
 - > E&P Trends
 - > Critical Wells
 - > Competitive Landscape
 - > Policy Shifts

Plays and Basins

In Connect, hover over the **Energy** menu > **Plays and Basins** > Click on **Plays and Basins Profiles**.

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



The screenshot shows the IHS Markit Connect v5.1 interface. At the top, there is a search bar labeled "Search Connect". Below it is a navigation menu with categories: AUTOMOTIVE, CHEMICAL, ECONOMICS, ENERGY (highlighted), LIFE SCIENCES, MARITIME & TRADE, RISK, ENERGYVIEW, and GEOGRAPHY. On the left, a sidebar menu lists: Upstream Oil and Gas (highlighted), Oil Markets, Midstream, and Downstream, Power, Gas, Coal, and Renewables, Energy-Wide Perspectives, and Mobility Portal. The main content area is titled "Access Your Research and Data" and contains several sections:

- E&P Terms and Above-Ground Risk**: PEPS research covers global fiscal systems, legal structures and factors impacting the local upstream industry.
 - PEPS Oil & Gas Risk
 - PEPS Legal
 - PEPS Fiscal
 - PEPS E&P Activity
 - PEPS Webinars & Events
- Costs and Technology**
 - Costs & Expenditures
 - Oilfield Equipment & Services
 - Supply Chain Companies
 - Technology & Innovation
- Executive Dashboards** (highlighted)
 - Key Play Analytics (highlighted)
 - Upstream Company Analytics
 - E&P Attractiveness Analysis Tool
- Plays and Basins** (highlighted)
 - Play and Basin Profiles
 - E&P Trends & Analysis
 - Global Exploration & Production Service (GEPS)
 - EDIN
- Companies and Transactions**
 - Company Valuation & Strategy
 - Performance Benchmarking
 - Company Play Analysis
 - M&A Analysis & Trends

 On the right side, there are sections for "Tools" (E&P Ratings and Rankings, Map, Company Metrics, Transaction Analysis, Assets on the Market, Energy Headline Analysis) and "Related Products & Platforms" (Vantage, EDIN, Enerdeq, Chemical, Country Risk, Economics Costs and Prices).

Plays and Basins Insights in Connect

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

You are viewing **Plays and Basins** research About this page

All 999+
Play and Basin Profiles 185
E&P Trends & Analysis 508
Global Exploration & Production Service (GEPS) 999+
Daily Exploration Alert 999+
EDIN Field Reports 999+
Energy News on Demand 999+
International Energy Letter 999+
Webinars & Events 32

Clear all

Refine results by:

Keyword(s) Company

Keyword

GEOGRAPHY:

- Australasia
- CIS
- Europe
- Far East
- Latin America
- Middle East
- North America
- North/Saharan Africa
- Sub-Saharan Africa

SUB-SECTOR:

- Liquids
- Natural Gas
- Oil
- Power & Renewables

Follow this

Title	Published ↓	Files
Wolfcamp Delaware: The tale of two subplays	27 Sep 2018	
SCOOP: The Anadarko Basin silver medalist	19 Sep 2018	
Bone Spring	06 Sep 2018	
Guyana Basin – Emerging phase basin: Room for only one Commercial Master?	31 Aug 2018	
Niobrara: Wattenberg, DJ Basin, and Powder River Basin - August 2018	22 Aug 2018	
Pennsylvania Marcellus - August 2018	13 Aug 2018	
Bakken - July 2018	26 Jul 2018	
Montney - July 2018	17 Jul 2018	

Primary Tools

EDIN

- Enerdeq Browser
- Energy News on Demand - Full Content
- GEPS - Full Content
- Vantage
- Key Play Analytics

Related Tools and Platforms

- Methodology & Glossary
- Research a Country or Company
- Expert Directory
- Saved Pages

Keyword search and relevant filter options.

Other Relevant Energy platforms, Analytics, and Resources.

View and access **files** quickly.

Plays and Basins Topical Tabs on Research Page



Plays and Basins Profiles

Analyst insights on basin and play-level competition, value-creation, and forecast

E&P Trends & Analysis

High-frequency report series that assess implications of events affecting select basins

- E&P Trends
- Critical Wells
- Competitive Landscape
- Policy Shifts

*All other tabs are entitled separately.

Entitled separately

Webinars and Events

Event workshop presentation materials

Webinar recordings and presentation materials

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

Plays and Basins Key Play Analytics

You are viewing **Plays and Basins** research About this page

[All 999+](#) |
 [Play and Basin Profiles 185](#) |
 [E&P Trends & Analysis 506](#) |
 [Global Exploration & Production Service \(GEPS\) 999+](#) |
 [Daily Exploration Alert 999+](#) |
 [EDIN Field Reports 999+](#) |
 [Energy News on Demand 999+](#) |
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 [Webinars & Events 32](#)

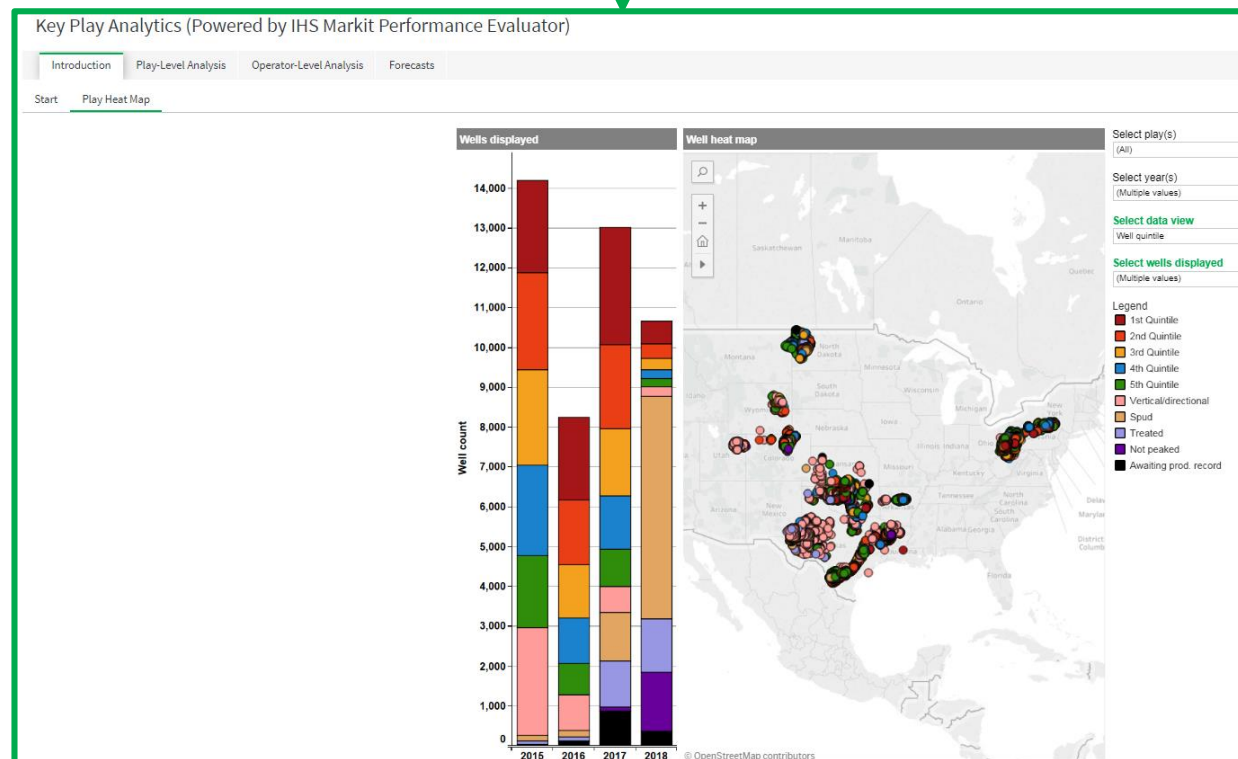
Refine results by:
 Keyword(s) Company

GEOGRAPHY:
 Australasia
 CIS
 Europe

Title	Published ↓	Files
Oklahoma Wildlife Department to offer Atoka County parcels at November lease sale	03 Oct 2018	
Wildcat staked west of Garden City Kansas	03 Oct 2018	
Three Mississippian laterals planned at Texas Panhandle redrill	03 Oct 2018	

Primary Tools
 EDIN
 Enerdeq Browser
 Energy News on Demand - Full Content
 GEPS - Full Content
Vantage
Key Play Analytics

In the **Primary Tools** section, click on a **Key Play Analytics** to visualize, customize, and filter data by plays, operators, dates and metrics.



Companies and Transactions

Companies and Transactions Deliverables

Company Research

- **Company Valuation:** Understanding the true drivers of shareholder value with a consistent and time-tested methodology that focuses on the valuation, upstream strategy, financial & operational performance and government drivers of the world's leading oil & gas companies.
- **Upstream Portfolio & Strategy:** Independent assessment of upstream company strategic objectives, portfolio strengths and weaknesses, and those of peers and competitors. Thorough review of regional and asset level production profiles, identifying risks beyond peak output. Identifying opportunities to strengthen the asset portfolio that complement specific company expertise.
- **Peer Benchmarking:** Benchmark the financial and operational performance against peers. Identify key drivers of value growth and areas of focus for improvement. Identify and understand winning strategies.

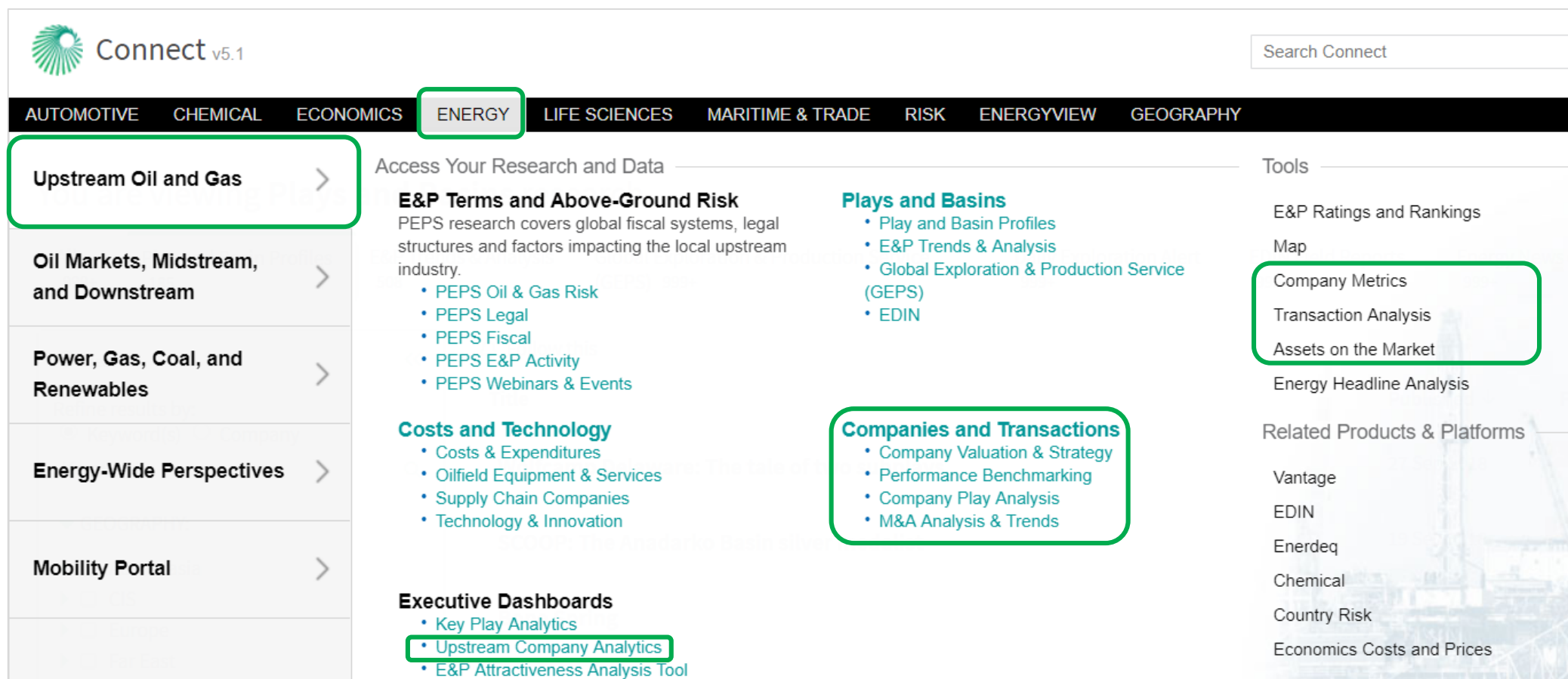
Transaction Research

- **M&A Database and Insights:** Critical independent analysis and insights into the energy merger, acquisition, and divestiture marketplace. Dedicated deal analysis on a daily basis, across Upstream, Mid-stream, Downstream, and Oilfield Service segments. Providing proprietary deal pricing, valuation benchmarks, and M&A trend analysis.
- **Assets on the Market:** Our Significant Energy Assets on the Market (SEAM) product internally leverages the IHS M&A database and comparable market transactions to establish independent pre-deal valuations, analysis, and insights on assets and companies actively being sold.
- **Opportunity screening & due diligence:** Custom screen and identify all relevant opportunities within a select focus area and assess entry options. Evaluate the competitive environment of active buyers and sellers, and competitive deal pricing. Receive independent valuation of target assets, projects, and companies or assets targeted for divestment.

Companies and Transactions in Connect

In Connect, hover over the **Energy** menu > **Companies and Transactions** > Click on Companies and Transactions topics.

Access the **Upstream Company Analytics** under **Executive Dashboards** and other data tools under **Tools**.



The screenshot shows the IHS Markit Connect v5.1 interface. The top navigation bar includes categories: AUTOMOTIVE, CHEMICAL, ECONOMICS, ENERGY (highlighted), LIFE SCIENCES, MARITIME & TRADE, RISK, ENERGYVIEW, and GEOGRAPHY. A search bar labeled 'Search Connect' is in the top right.

Under the ENERGY menu, the 'Upstream Oil and Gas' option is highlighted. Below it are other options: 'Oil Markets, Midstream, and Downstream', 'Power, Gas, Coal, and Renewables', 'Energy-Wide Perspectives', and 'Mobility Portal'.

The main content area is titled 'Access Your Research and Data' and is divided into several sections:

- E&P Terms and Above-Ground Risk**: PEPS research covers global fiscal systems, legal structures and factors impacting the local upstream industry.
 - PEPS Oil & Gas Risk
 - PEPS Legal
 - PEPS Fiscal
 - PEPS E&P Activity
 - PEPS Webinars & Events
- Plays and Basins**
 - Play and Basin Profiles
 - E&P Trends & Analysis
 - Global Exploration & Production Service (GEPS)
 - EDIN
- Companies and Transactions** (highlighted)
 - Company Valuation & Strategy
 - Performance Benchmarking
 - Company Play Analysis
 - M&A Analysis & Trends
- Costs and Technology**
 - Costs & Expenditures
 - Oilfield Equipment & Services
 - Supply Chain Companies
 - Technology & Innovation
- Executive Dashboards**
 - Key Play Analytics
 - Upstream Company Analytics (highlighted)
 - E&P Attractiveness Analysis Tool

On the right side, there is a 'Tools' section with the following items:

- E&P Ratings and Rankings
- Map
- Company Metrics (highlighted)
- Transaction Analysis (highlighted)
- Assets on the Market
- Energy Headline Analysis

Below the Tools section is 'Related Products & Platforms' with a list of products: Vantage, EDIN, Enerdeq, Chemical, Country Risk, and Economics Costs and Prices.

Companies and Transactions Topical Tabs on Research Page

You are viewing **Upstream Companies and Transactions** research

[All 999+](#)
[Company Valuation & Strategy 999+](#)
[Performance Benchmarking 999+](#)
[Company Play Analysis 227](#)
[M&A Analysis & Trends 999+](#)
[Assets on the Market 999+](#)
[Webinars & Events 28](#)

Company Valuation and Strategy	Performance Benchmarking	Company Play Analysis	M&A Analysis and Trends	Assets on the Markets	Webinars and Events
Company Valuation Reports	Company Peer Group & Special Studies	Company Play Analysis	Global Upstream M&A Review	SEAM Bi-Weekly Perspectives	Event workshop presentation materials
Company Valuation Updates & Memos	Global Upstream Performance Review (GUPR)		Transaction Deal Summary Sheets	SEAM Alerts	Webinar recordings and presentation materials
Company Upstream Strategy Assessments	Relative Valuation Dashboard		M&A Topical Insights		
NOC Government Drivers & Upstream Strategy Assessments	Analyst Insights Presentations		Monthly Upstream Perspectives		
Memos & Insights			Quarterly M&A Regional Reviews		
Headline Analysis					

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

Upstream Company Analytics and Data Tools

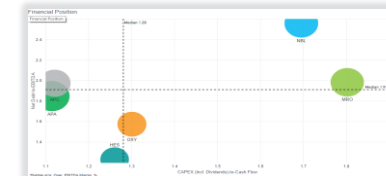
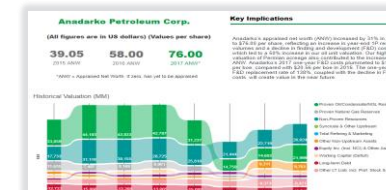
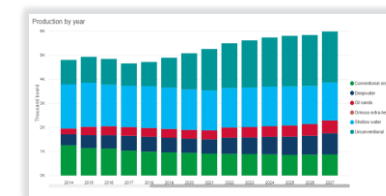
E&P Portfolio Visualization Tool: newly designed and updated, the E&P Portfolio Tool is a comprehensive web-based interface that allows users to explore both historical oil and gas production, as well as forecast volumes based on up-to-date IHS Markit analysis of company portfolios.

Company Valuation Visualization Tool: a comprehensive web-based interface that allows users to explore both historical company valuation changes, relative share price performance, as well as our independent forecast for EBITDA, cash flow, and net income.

Company and Peer Benchmarking Metrics on Power BI: allows users to easily benchmark companies versus peers across many financial & operational metrics. Includes auto-generated charts, ability to customize peer groups, and easy access to underlying data.

Company Metrics: comprehensive financial & operational database. 25 years of historical data, over 300 active publicly traded companies, over 1,200 line items and metrics, with more than 60 reported geographic regions.

Global Projects: contains information on projects, both onshore and offshore, with a focus on the upstream exploration and production sector. Over 8,500 projects worldwide, upstream asset types include conventional, deepwater, enhanced/improved recovery, heavy oil, and bitumen/oil sands.



Company Name	Region	Production (MMbbl/d)	Reserves (MMbbl)	CapEx (\$MM)	EBITDA (\$MM)	Net Income (\$MM)	Market Cap (\$MM)
Andarko Petroleum	Canada	100	100	100	100	100	100
...

Project Name	Asset Type	Location	Year Start	Year End	Production (MMbbl/d)	Reserves (MMbbl)	Market Cap (\$MM)
...

Upstream Company Analytics and Data Tools

You are viewing Upstream Companies and Transactions research

All 999+ Company Valuation & Strategy 999+ Performance Benchmarking 999+ Company Play Analysis 227 M&A Analysis & Trends 999+ Assets on the Market 999+ Webinars & Events 30

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Title	Published	Files
Upstream Company Analytics Training - Houston: 24-25 October 2018	24 Oct 2018	
IHS Markit Webinar: New Upstream Company Analytics Tool	16 Oct 2018	
Valuation Report – YPF S.A. (NYSE: YPF) year-end 2017: Steep decline in proved reserves keeps valuation flat despite higher price assumptions; Vaca Muerta remains key to long-term value growth	16 Oct 2018	
Devon Energy estimates third quarter Canada production of 104,000 boe/d, US production of 418,000 boe/d, discloses minor noncore asset sales	16 Oct 2018	
Idemitsu Kosan finalizes agreement to acquire Showa Shell in all-shares deal valued at \$5.6 billion	16 Oct 2018	
Qatar Petroleum to supply China's Oriental Energy with 600,000 tons of LPG for five years	16 Oct 2018	
Tallgrass Energy and Silver Creek Midstream to expand JV to transport Powder River Basin crude to Guernsey, Wyoming	16 Oct 2018	
Range Resources sells Appalachian 1% overriding royalty on 300,000 net acres for \$300 million	16 Oct 2018	
Anadarko-operated Mozambique JV to supply 280,000 tons of LNG annually for 15 years to Tohoku Electric	16 Oct 2018	
Occidental Petroleum will not seek contract extension for Idd El-Sharghi North Dome offshore oil field in Qatar	16 Oct 2018	
Petrobras and CNPC advance planned 80/20 JV for Comperj refinery, Marlim cluster	16 Oct 2018	
SEAM Perspectives: 15 October 2018	15 Oct 2018	

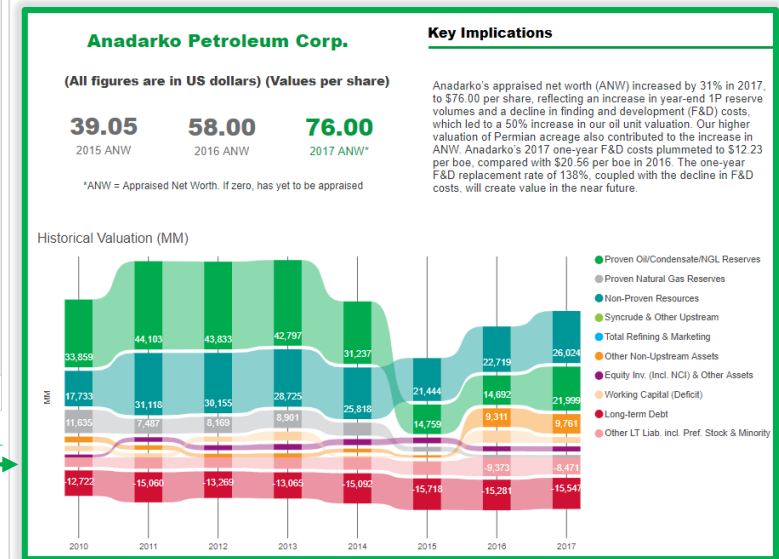
Valuation Visualization

Valuation Performance Over Time (2017)

More Valuation Analytics

Primary Tools

- Upstream Company Analytics
- Transaction Analysis
- Assets on the Market
- Company Metrics
- Global Projects
- Company Coverage



In the **Primary Tools** section, click on a **Upstream Company Analytics**, **Company Metrics** and **Global Projects** to visualize data, which can be filtered by operators, years and top metrics. Save templates and download refreshable files.

Global Projects | Refine Criteria | Results of Worldwide

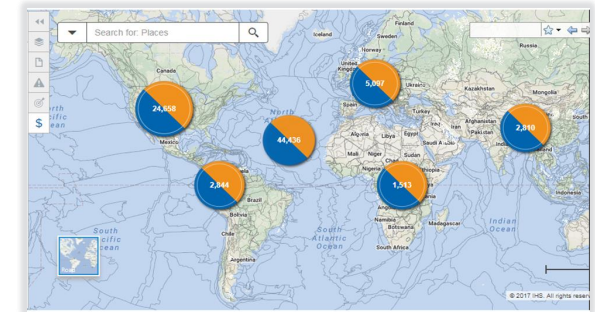
Selected Criteria	Project Name	Operator	Peak Year	Start Year	Peak Prod. (Million)	Total Est. Res. (Million)
Worldwide	Libra	Petroleo Brasileiro SA	2018	2014	570.00	5,700.00
Production Start Date From 2018 to 2027	Konukondoye	Russia Petroleum	2019	2024	503.83	16,075.90
	Santa Rita LNG	Steelhead Development Company, LLC	2019	2022	530.00	
	Khuzandkondoye	Gasпром	2019	2026	530.00	5,530.00
	Khuzandkondoye	Gasпром	2017	2023	535.83	7,473.30
	Arctic LNG 2 (Selkirkmorskoye)	NOVATEK	2018	2023	472.00	4,800.00
	Lover Zulum	Japan Oil Development Co., Ltd.	2012	2018	450.00	4,000.00
	Alaska LNG	The State of Alaska	2018	2020	445.00	5,833.00
	Jahon Standup Phase 1	State Oil	2012	2019	440.00	1,500.70
	Chaganakondoye	Gasпром	2012	2018	433.83	4,056.30
	South Pars Phase 11	Total S.A.	2014	2012	433.33	2,136.70
	South Pars Phase 14	South Pars Phase 14 Joint Venture	2013	2018	407.33	1,876.70
	Khuzandkondoye Gas	Pumpegas	2013	2019	387.00	4,032.30
	Arctic LNG 1	NOVATEK	2014	2014	347.00	1,400.00

Company Metrics | Create Query | Results of Upstream Capital Spending

Line Item	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027			
Acquisition Costs (Pre-tax)	14,362.11	46,340.09	22,017.02	46,741	114,985.22	13,924.98	14,389.63	7,785.41	31,266.19	13,966.4	27,201.64	12,378.09	2,133.94	1,025.08
Acquisition Costs (After-tax)	10,807.08	32,891.27	16,118.85	34,946.51	84,625.43	10,461.51	10,808.06	5,894.18	23,272.22	10,395.6	16,461.84	7,785.05	1,772.78	1,175.74
Acquisition Costs (Net)	416.34	33.93	14.96		63.74	16.81				391.6				14.86
Acquisition Costs (Total)	15,184.43	46,374.02	22,031.97	46,785.91	115,049.17	14,001.49	14,406.44	7,841.59	31,598.41	14,352.0	27,463.48	12,392.84	2,148.82	1,040.00
Acquisition Costs (Net)	45,871.69	40,899.11	42,733.11	92,833.32	100,279	55,545.17	12,228.45	16,889.03	24,373.32	25,471.47	2,487.47	2,096.88	3,417.71	5,765.72
Acquisition Costs (Total)	245,772.29	232,736.83	348,385.84	485,865.33	498,496.85	60,033.91	44,055.75	95,888.4	138,863.3	124,420.03	13,873.15	16,455.13	26,333.86	49,734.12
Acquisition Costs (Net)	147.52	339.26	498.29	987.85	693.15	133.63	15.63	391.7	379.83	429.86	6.49	10.6	36.33	39.24
Acquisition Costs (Total)	1,885.08	868.97	1,378.33	2,846.65	4,361.33	53.53	19.96	95.49	123.36	133.15	37.6	31	485.76	638.69
Acquisition Costs (Net)	455,796.5	396,091.03	453,246.53	675,855.53	725,066.63	133,381.34	95,813.18	132,868.18	124,069.83	146,719.63	14,219.39	32,288.13	13,134.36	14,839.34
Acquisition Costs (Total)	3,227.53	347.22	744.42	100.48	179.42			1.29	F	2,445.11	321.36	152.49	71.62	122.13
Acquisition Costs (Net)	451,862.97	395,752.73	452,748.24	675,855.53	725,066.63	133,381.34	95,813.18	132,868.18	124,069.83	146,719.63	14,219.39	32,288.13	13,134.36	14,839.34

Transaction Research Data Tools

Transaction & Opportunity Mapping Interface: a mapping interface that allows for geo-referencing of transactions and current acquisition opportunities. Includes ability to filter across numerous characteristics, export results, graph results, and transition between the map and our Transaction databases. Mapping display also allows entitled customers to see related IHS Markit analysis and technical content, including global basin outlines, with transaction information.



Transaction Analysis Online database featuring a broad range of search parameters to identify deal comparable, including all global regions, energy subsectors, transaction value ranges, and individual buyers and sellers. Over 25 years of transaction history with more than 46,000 industry transactions.

Transaction Analysis	Refine Criteria	Results							
Selected Criteria	Announced	Transaction							
Date Type	Announced	Title	Buyer	Seller	Value (\$M)	Region	Level	Industry	Segment
	2018/03/01	Energy Services to acquire Basin Energy Services Ltd. (BSE) in Australia	Basin Energy Services Ltd.	Energy Services	1,800.00	Global/Other	Company	Oilfield Services & Equipment	Oilfield Services & Equipment
	2018/03/01	Oilfield Services to acquire Basin Energy Services Ltd. (BSE) in Australia	Basin Energy Services Ltd.	Oilfield Services	200.00	South America	Asset	Oilfield Services	Oilfield Services
	2018/03/01	Energy Services to acquire Basin Energy Services Ltd. (BSE) in Australia	Basin Energy Services Ltd.	Energy Services	1,800.00	Global/Other	Company	Oilfield Services & Equipment	Oilfield Services & Equipment

Assets on the Market Database: Searchable and exportable database that actively tracks all known energy assets on the market, covering all global and regional locations and all resource segments, detailing valuations and full operational data including reserves, production and acreage. More than 1,800 global opportunities and tracking over \$300 billion of global opportunities.

Assets on the Market	Refine Criteria	Results					
Selected Criteria	Announced	Opportunity					
Date Type	Announced	Title	Buyer	Type	Region	Segment	IHS ISEAM value
	2018/03/01	Energy Services to acquire Basin Energy Services Ltd. (BSE) in Australia	Basin Energy Services Ltd.	Acquisition	Global/Other	Oilfield Services & Equipment	245
	2018/03/01	Oilfield Services to acquire Basin Energy Services Ltd. (BSE) in Australia	Basin Energy Services Ltd.	Acquisition	South America	Oilfield Services	20
	2018/03/01	Energy Services to acquire Basin Energy Services Ltd. (BSE) in Australia	Basin Energy Services Ltd.	Acquisition	Global/Other	Oilfield Services & Equipment	1,800

Transaction & Opportunity Mapping Interface

Upstream Oil and Gas > Access Your Research and Data

E&P Terms and Above-Ground Risk
PEPS research covers global fiscal systems, legal structures and factors impacting the local upstream industry.

- PEPS Oil & Gas Risk
- PEPS Legal
- PEPS Fiscal
- PEPS E&P Activity
- PEPS Webinars & Events

Plays and Basins

- Play and Basin Profiles
- E&P Trends & Analysis
- Global Exploration & Production Service (GEPS)
- EDIN

Companies and Transactions

- Company Valuation & Strategy
- Performance Benchmarking
- Company Play Analysis
- M&A Analysis & Trends

Costs and Technology

- Costs & Expenditures
- Oilfield Equipment & Services
- Supply Chain Companies
- Technology & Innovation

Executive Dashboards

- Key Play Analytics
- Upstream Company Analytics
- E&P Attractiveness Analysis Tool

Research a: Country Company

Tools

- E&P Ratings and Rankings
- Company Metrics
- Transaction Analysis
- Assets on the Market
- Energy Headline Analysis
- Related Products & Platforms

Map

Valuation Visualization **NEW**

Valuation Performance Over Time (2017)

60%

Search for: Places

Region	Transaction Count
North America	24,658
South America	2,844
Europe	5,097
Asia	1,513
Africa	44,436
Middle East	2,840

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In the **Energy Menu** under **Tools**, or in the black **Menu bar**, click on **Map** and **\$** symbol to visualize, zoom in/out, and filter across numerous characteristics. Export data and graph results.

Transaction Analysis & Assets on the Market Data Tools

Upstream Oil and Gas > Access Your Research and Data

E&P Terms and Above-Ground Risk
PEPS research covers global fiscal systems, legal structures and factors impacting the local upstream industry.

- PEPS Oil & Gas Risk
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- PEPS Fiscal
- PEPS E&P Activity
- PEPS Webinars & Events

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- Costs & Expenditures
- Oilfield Equipment & Services
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- E&P Ratings and Rankings
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- Assets on the Market**
- Energy Headline Analysis
- Related Products & Platforms
- Vantage
- EDIN
- Enerdeq
- Chemical
- Country Risk
- Economics Costs and Prices
- HS Markit Events

Assets on the Market > Refine Criteria > Results

Selected Criteria: Announced

Date Type: Announced

Opportunities	Title	Seller(s)	Type	Region	Segment	IHS SEAM valuation
10/10/2018	Seven Energy, remaining 72,660,000 non-producing acres in Beaver and Jeff Davis Counties, Texas	Seven Energy Corporation	Acquisition	United States-Mid Continent	Tight Oil/Strat Oil	813
10/10/2018	Producers Energy, remaining 400,000 in the Central Basin Platform in Andrew County, Texas	Producers Energy LLC	Acquisition	United States-Mid Continent	Tight Oil/Strat Oil	26
10/14/2018	Fundy Energy, remaining 1,000,000 acres in the Permian Basin in Midland County, Texas	Fundy Energy Corp	Acquisition	Canada	Oil/Strat/Reservoir	2,488
10/14/2018	Campanian Petroleum, Ltd offering term-in opportunities in 2 blocks offshore Australia	Campanian Petroleum Ltd	Acquisition/Term In	Australia	Deepwater	17
10/10/2018	Weatherford Services, offering to sell its US Onshore Oil and Gas Assets	Weatherford Corporation	Acquisition	Europe-Offshore Europe	Station Water	654
10/10/2018	Essex Field, consisting of 100,000 acres in the Permian Basin in Texas	Essex Field Corporation	Acquisition	United States-Gulf of Mexico	Offshore	1,123
10/10/2018	Alaska Capital Partners, offering to sell its 100% interest in Alaska	Alaska Capital Partners LLC	Acquisition	United States-Gulf of Mexico	Tight Gas/Strat Gas	300
10/10/2018	Weatherford Energy Services, offering to sell its 100% interest in Weatherford Energy Services	Weatherford Energy Services LLC	Acquisition	United States-Mid Continent	Onshore/Offshore	108
10/10/2018	Alaska, Williams Leasehold, Ltd offering to sell its company	Alaska, Williams Leasehold, Ltd	Acquisition	Canada	Oil/Strat/Reservoir	0
10/10/2018	Weatherford Resources, LLC offering to sell its 100% interest in Weatherford Resources, LLC	Weatherford Resources, LLC	Acquisition	United States-Mid Continent	Onshore/Offshore	86
10/10/2018	Canadian E&P, offering to sell its 100% interest in Canadian E&P	Canadian E&P Resources Inc	Acquisition	Canada	Tight Gas/Strat Gas	1,618
10/17/2018	Langston Energy Company, offering to sell its 100% interest in Langston Energy Company	Langston Energy Company	Acquisition	United States-Mid Continent	Onshore/Offshore	4
10/17/2018	Delta Energy Services, offering to sell its 100% interest in Delta Energy Services	Delta Energy Services	Acquisition	Africa-East Africa	Oil/Strat/Reservoir	600

Chart for selected items above:

Opportunities by segment value, \$MM

Transaction Analysis > Refine Criteria > Results

Selected Criteria: Announced

Date Type: Announced

Transactions	Title	Buyer(s)	Seller(s)	Value \$MM	Region	Level	Industry	Segment
10/10/2018	Shell plc agrees to acquire Baker Hughes for a total consideration of \$5.0 billion	Shell plc	Baker Hughes Inc	5,000.00	Global-Diversified	Corporate	Oilfield Services & Equipment	Oilfield Services & Equipment
10/10/2018	U.S. Energy Holdings agrees to acquire 45% of Basin Energy of African American Group	Basin Energy Holdings LLC	Basin Energy Holdings LLC	240.00	United States	Asset	Upstream	Station Water
10/14/2018	Alaska Capital Partners, offering to sell its 100% interest in Alaska Capital Partners	Alaska Capital Partners LLC	Alaska Capital Partners LLC	31.07	Canada	Asset	Upstream	Tight Gas/Strat Gas
10/10/2018	Oilfield services agreement for the acquisition of 100% of the business of Oilfield Services	Oilfield Services Inc	Oilfield Services Inc	0.00	USA	Asset	Upstream	Onshore/Offshore
10/10/2018	United Arab Emirates and the United Kingdom have agreed to sell their 50% interest in the UK gas assets	United Arab Emirates and the United Kingdom	United Arab Emirates and the United Kingdom	1.00	Europe/Mid East	Asset	Upstream	Onshore/Offshore
10/10/2018	Alman Group agrees to sell its remaining business to North American Construction Group	North American Construction Group	Alman Group Inc	225.00	Canada	Asset	Oilfield Services & Equipment	Production & Ref Services
10/10/2018	BP and Shell form strategic technology partnership	BP plc	Shell Group PLC	0.00	Global-Diversified	Corporate	Oilfield Services & Equipment	Onshore/Offshore
10/10/2018	Tulsa Oil and Gas, offering to sell its 100% interest in Tulsa Oil and Gas	Tulsa Oil and Gas	Government of Oklahoma	0.00	South America	Asset	Upstream	Deepwater
10/10/2018	Weatherford Resources, LLC offering to sell its 100% interest in Weatherford Resources, LLC	Weatherford Resources LP	Weatherford Resources, LLC	87.00	United States-Mid Continent	Corporate	Upstream	Onshore/Offshore
10/10/2018	Weatherford Resources, LLC offering to sell its 100% interest in Weatherford Resources, LLC	Weatherford Resources LP	Weatherford Resources, LLC	100.00	United States-Mid Continent	Corporate	Upstream	Tight Oil/Strat Oil

Chart for selected items above:

Total Transaction Value by Global Region

In the **Energy Menu** under **Tools**, click on **Transaction Analysis** and **Assets on the Markets** to visualize and customize data, which can be filtered across numerous upstream metrics. Export data and graph results, save templates, and download refreshable files.

Customize Your Research

Email alert options and your saved research.

My Connect

Click on **My Connect** in the black menu bar to manage **Email Notifications** by selecting/deselecting the check boxes in the **Immediate, Daily** or **Weekly** columns.



You are following the My Connect content below

Click into **Settings** to set the timing of your alerts. Click **Apply**.

EMAIL NOTIFICATIONS: Settings

Clear Notifications Configure Email

Immediate 1	Daily 5 09:00	Weekly 0 Friday
----------------	---------------------	-----------------------

Include content in email notifications: ⓘ

Time zone: (UTC-05:00)

Apply Cancel

Retrieve your saved **Content by Type and Folder**

Standard Email Notifications 5

CONTENT BY TYPE

- Documents 43

Standard Email Notifications



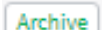
Listed below are IHS Markit's pre-set email notifications, based on the business area and topic. You can choose which notification to receive and at what frequency by checking the appropriate box

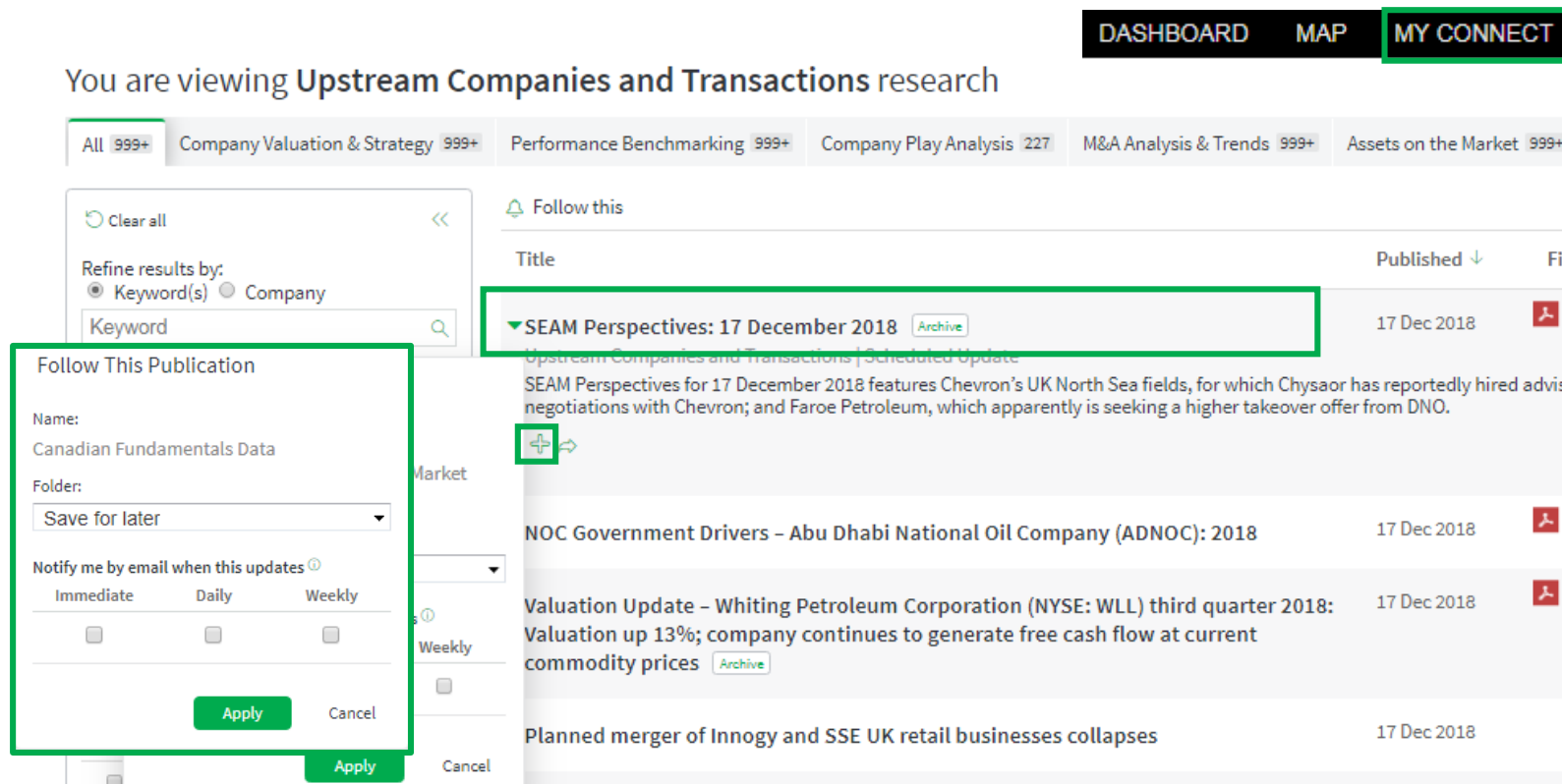
Standard Emails set for notification:

Type	Notification Name	Source	Immediate	Daily	Weekly
Σ	Connect Daily Summary	Connect Daily Summary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
🗑️	Crude Oil Markets	Oil Markets, Midstream, and Downstream	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
🗑️	NGL Markets	Oil Markets, Midstream, and Downstream	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
🗑️	Refining & Marketing	Oil Markets, Midstream, and Downstream	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Customize Your Research: Save and Follow an Individual Document.

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. 



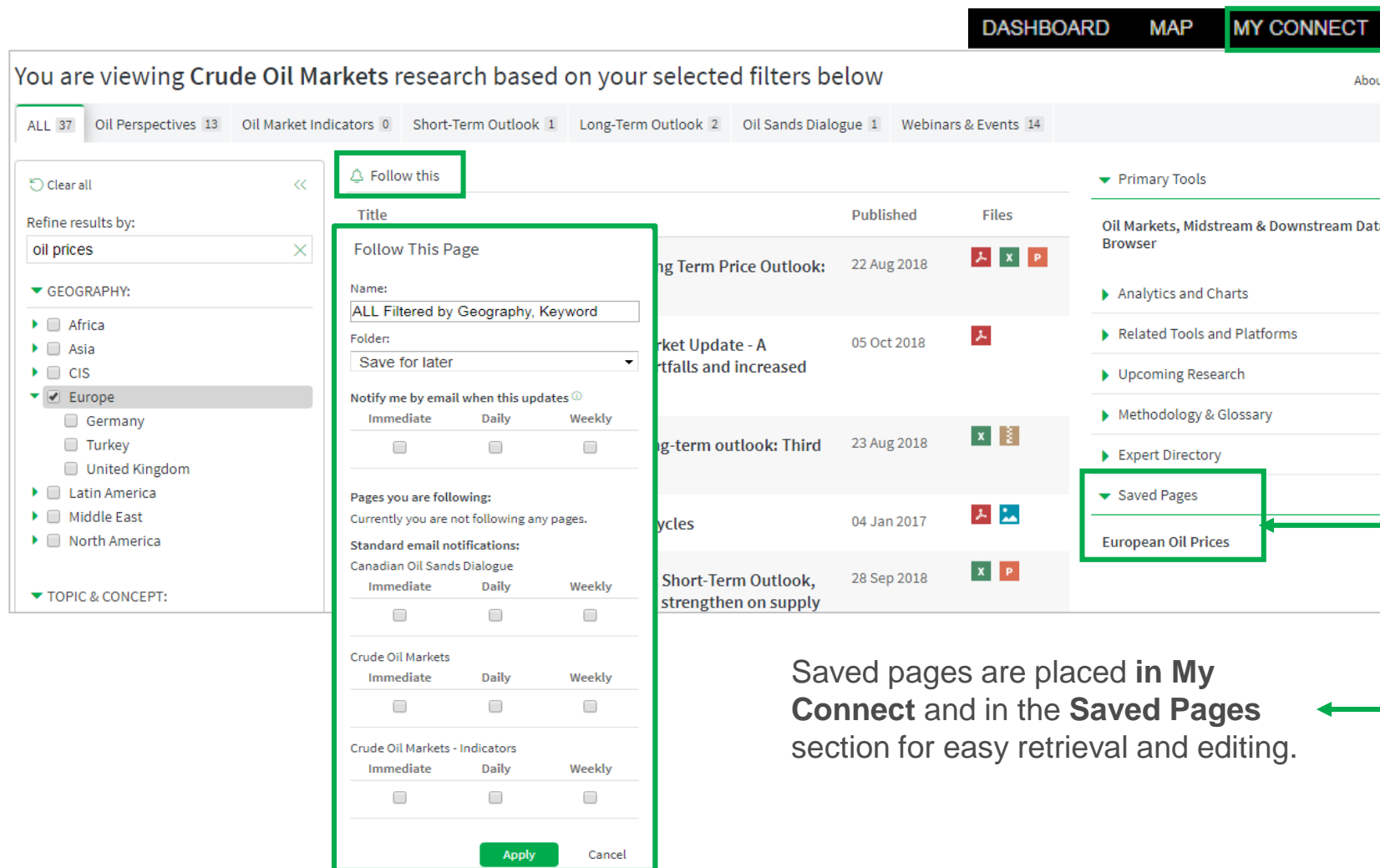
The screenshot shows the IHS Markit interface with the 'MY CONNECT' menu item highlighted in the top navigation bar. Below the navigation bar, the page title reads 'You are viewing Upstream Companies and Transactions research'. A horizontal menu contains various categories like 'All 999+', 'Company Valuation & Strategy 999+', etc. A 'Follow this' section is visible, and a list of reports is displayed. One report, 'SEAM Perspectives: 17 December 2018', is highlighted with a green box. A 'Follow This Publication' dialog box is open, showing options to 'Save for later' and 'Notify me by email when this updates' (with 'Immediate', 'Daily', and 'Weekly' options). An 'Archive' button is visible next to the report title in the list. A green arrow points from the 'Archive' button in the list to the 'MY CONNECT' menu item in the top bar.

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

Customize Your Research: Save and Follow a Research Page

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. A 'Follow This Page' dialog box is open, allowing users to name their page, select a folder (e.g., 'Save for later'), and choose an email alert frequency (Immediate, Daily, or Weekly). The dialog also shows a list of pages being followed, including 'Crude Oil Markets' and 'Crude Oil Markets - Indicators'. In the background, the 'My Connect' menu is visible, with the 'Saved Pages' section highlighted, showing a page titled 'European Oil Prices'.

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

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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