



Chemical

Connect™ User Guide

2019

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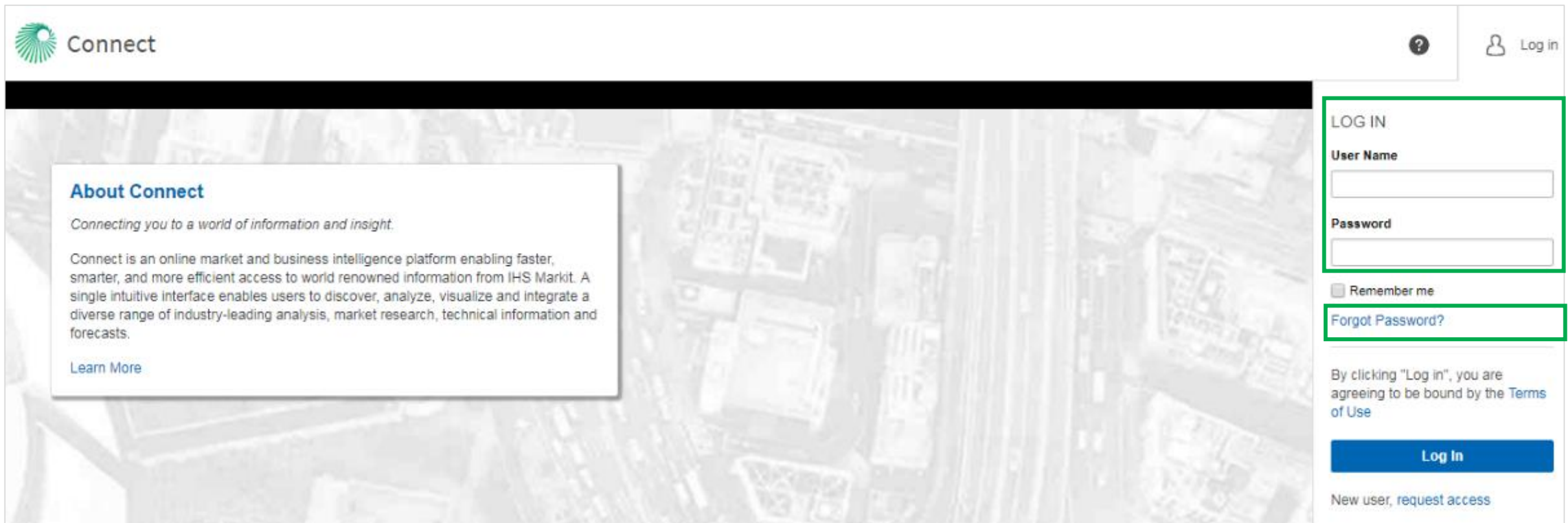
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Connect Login Instructions

Connect Login Instructions

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

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



 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

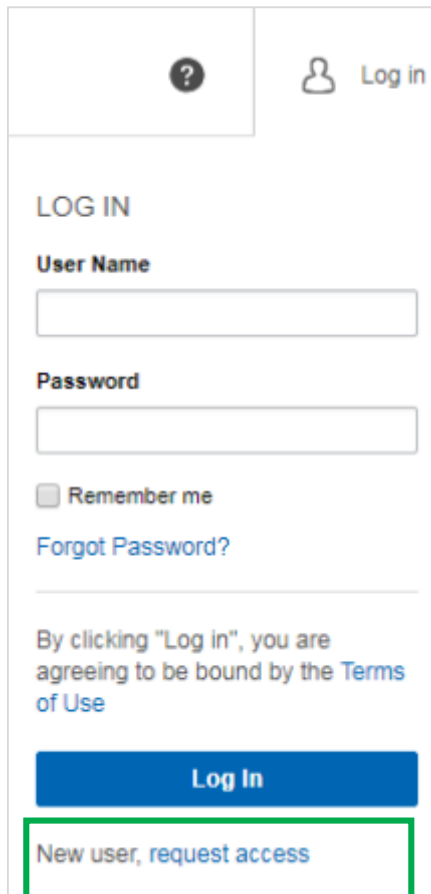
Go to connect.ihs.com and request access.



Follow 4 steps for Connect registration



Go to connect.ihs.com and login



LOG IN

User Name

Password

Remember me

[Forgot Password?](#)

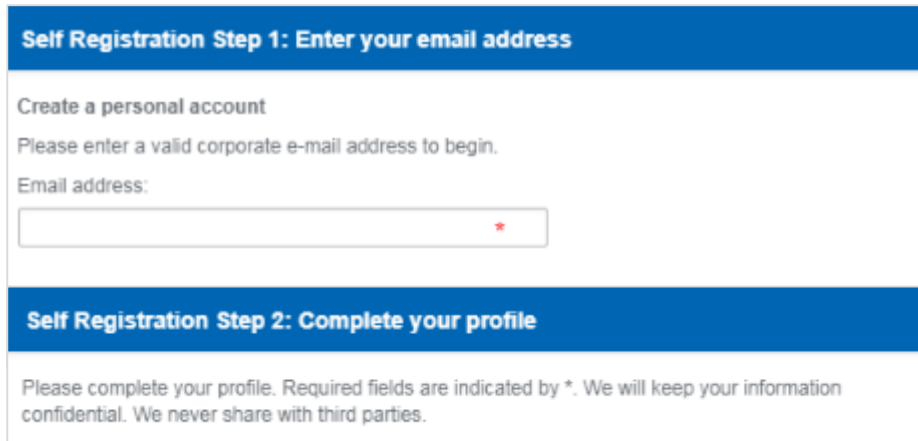
By clicking "Log in", you are agreeing to be bound by the [Terms of Use](#)

Log In

New user, request access

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.



Self Registration Step 1: Enter your email address

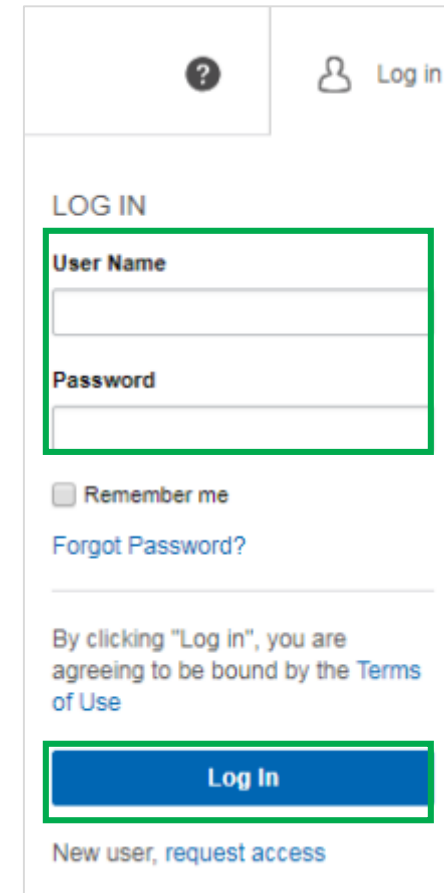
Create a personal account

Please enter a valid corporate e-mail address to begin.

Email address:

Self Registration Step 2: Complete your profile

Please complete your profile. Required fields are indicated by *. We will keep your information confidential. We never share with third parties.



LOG IN

User Name

Password

Remember me

[Forgot Password?](#)

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

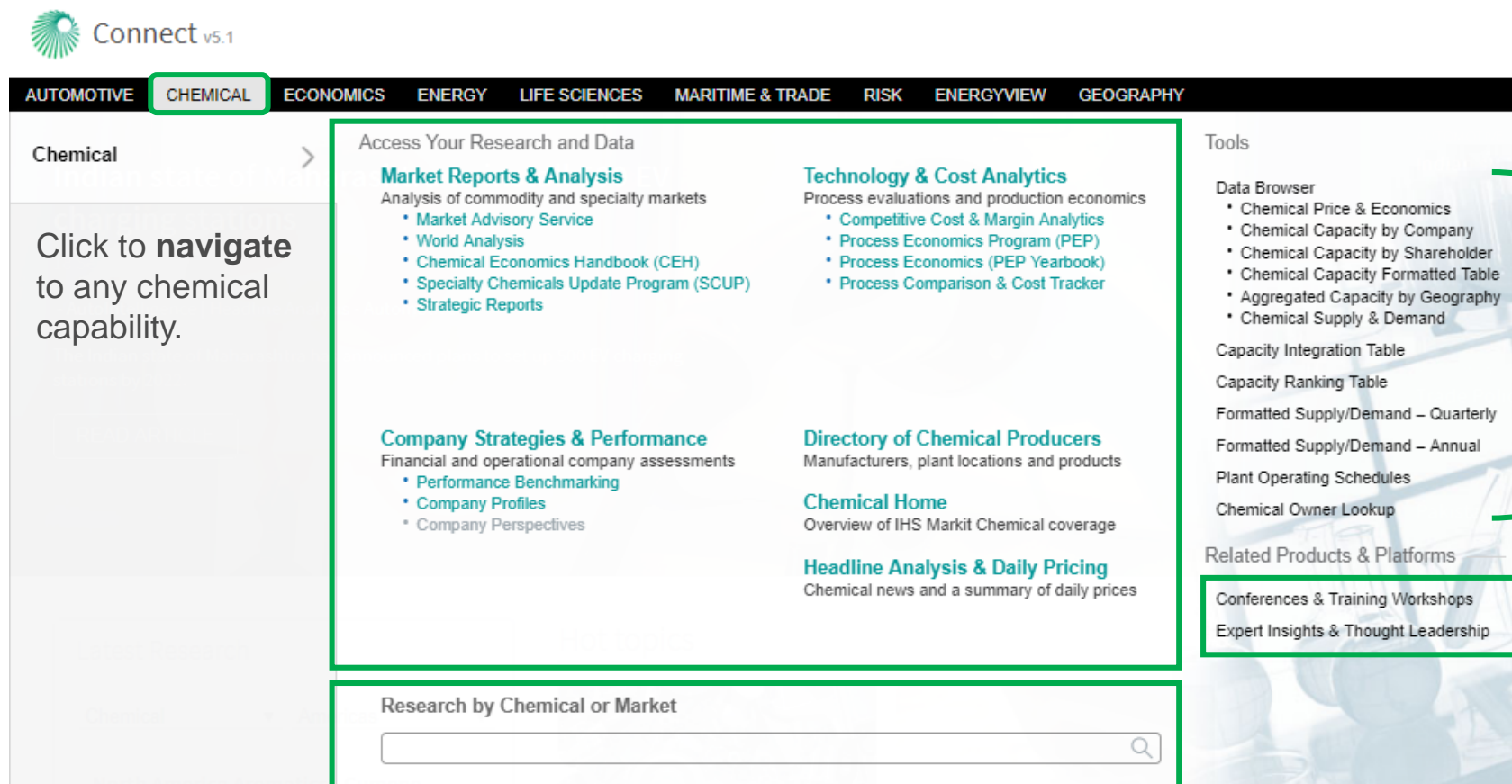
Log In

New user, request access

Chemical Menu

Chemical Menu Navigation

In Connect, hover over **Chemical** in the black menu bar to browse Chemical research and analysis.



The screenshot shows the IHS Markit Connect v5.1 interface. At the top, a black navigation bar contains several categories: AUTOMOTIVE, CHEMICAL (highlighted with a green box), ECONOMICS, ENERGY, LIFE SCIENCES, MARITIME & TRADE, RISK, ENERGYVIEW, and GEOGRAPHY. Below this, a 'Chemical' dropdown menu is open, displaying various options. A green box highlights the 'Access Your Research and Data' section, which includes 'Market Reports & Analysis' (with sub-items like Market Advisory Service, World Analysis, CEH, SCUP, and Strategic Reports), 'Technology & Cost Analytics' (with sub-items like Competitive Cost & Margin Analytics, PEP, and Cost Tracker), 'Company Strategies & Performance' (with sub-items like Performance Benchmarking, Company Profiles, and Company Perspectives), 'Directory of Chemical Producers', 'Chemical Home', and 'Headline Analysis & Daily Pricing'. Another green box highlights the 'Tools' section, listing items like Data Browser, Capacity Integration Table, Capacity Ranking Table, and others. A third green box highlights the 'Related Products & Platforms' section, specifically 'Conferences & Training Workshops' and 'Expert Insights & Thought Leadership'. At the bottom of the menu, there is a search bar labeled 'Research by Chemical or Market' with a magnifying glass icon.

Click to navigate to any chemical capability.

Quick access to relevant **Data Tools, Tables,** and other **Resources.**

Click to register for upcoming **conferences & training workshops** or to access a **complimentary publication**, featuring expert analysis of key issues shaping the Global Chemical and Energy industries.

Enter a **chemical or market** to navigate to dashboard page.

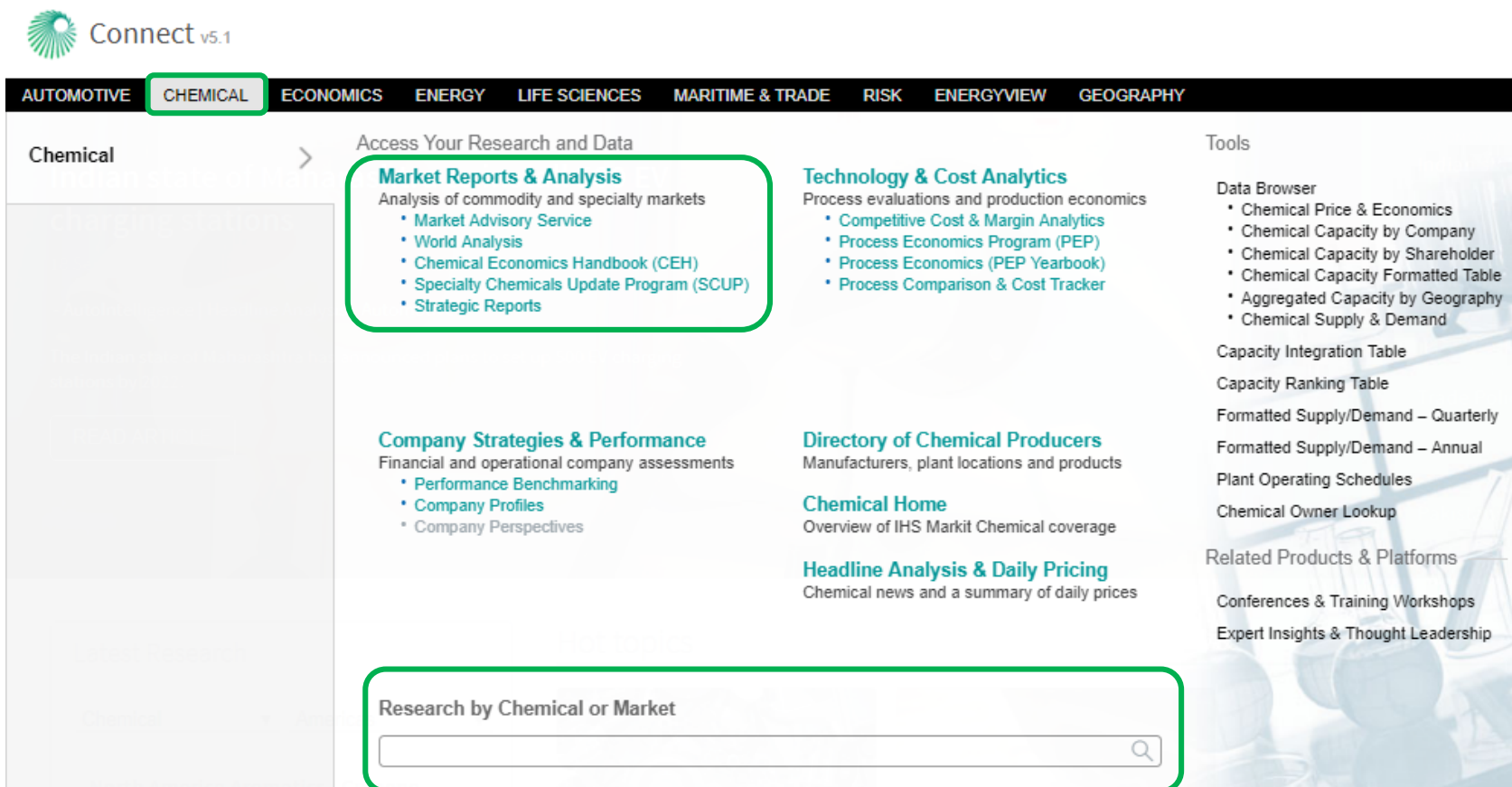
Menu options will appear based on the user's access or company subscription.

Market Reports & Analysis

Analysis of commodity and specialty markets

Market Reports & Analysis Menu Navigation

In Connect, hover over the **Chemical** menu > Click on **Market Report & Analysis** to see all Chemical reports.



Relevant
Data tools
 and other
Resources.

Enter a **chemical or market** to navigate to dashboard page.

Market Report & Analysis Page Navigation

Chemical Market & Industry Reports and Data are organized within **service tabs** to instantly narrow down your search.

Keyword search and relevant filter options.




The screenshot displays the IHS Markit Market Report & Analysis interface. At the top, a navigation bar includes tabs for 'All Chemical', 'Chemical Market & Industry Reports', 'Technology & Cost Analytics', and 'Chemical Company Strategies and Performance'. Below this, a secondary row of tabs lists various report categories like 'All Market Report & Analysis', 'Market Advisory Services', etc. On the left, a sidebar allows refining results by keyword, chemical product, publication type (e.g., Adobe PDF, Archives), publish frequency (e.g., Daily, Weekly), and geography (e.g., Africa). The main content area features a table of reports with columns for Title, Published date, and Files. A 'Follow this' link is also present. On the right, a 'Primary Tools' section lists various data browsers and related tools.

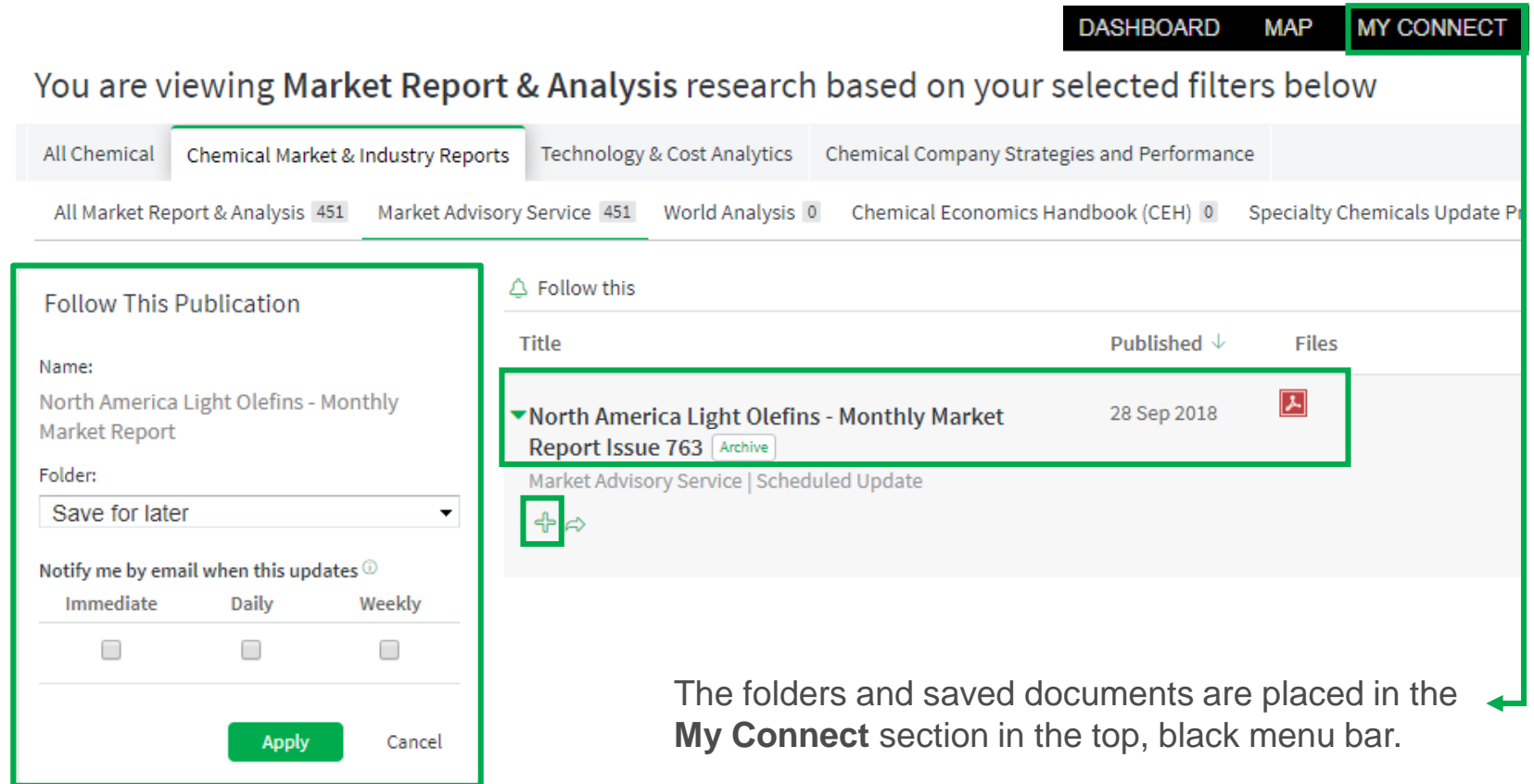
Relevant Data tools and other Resources.

View and access files quickly.

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. 



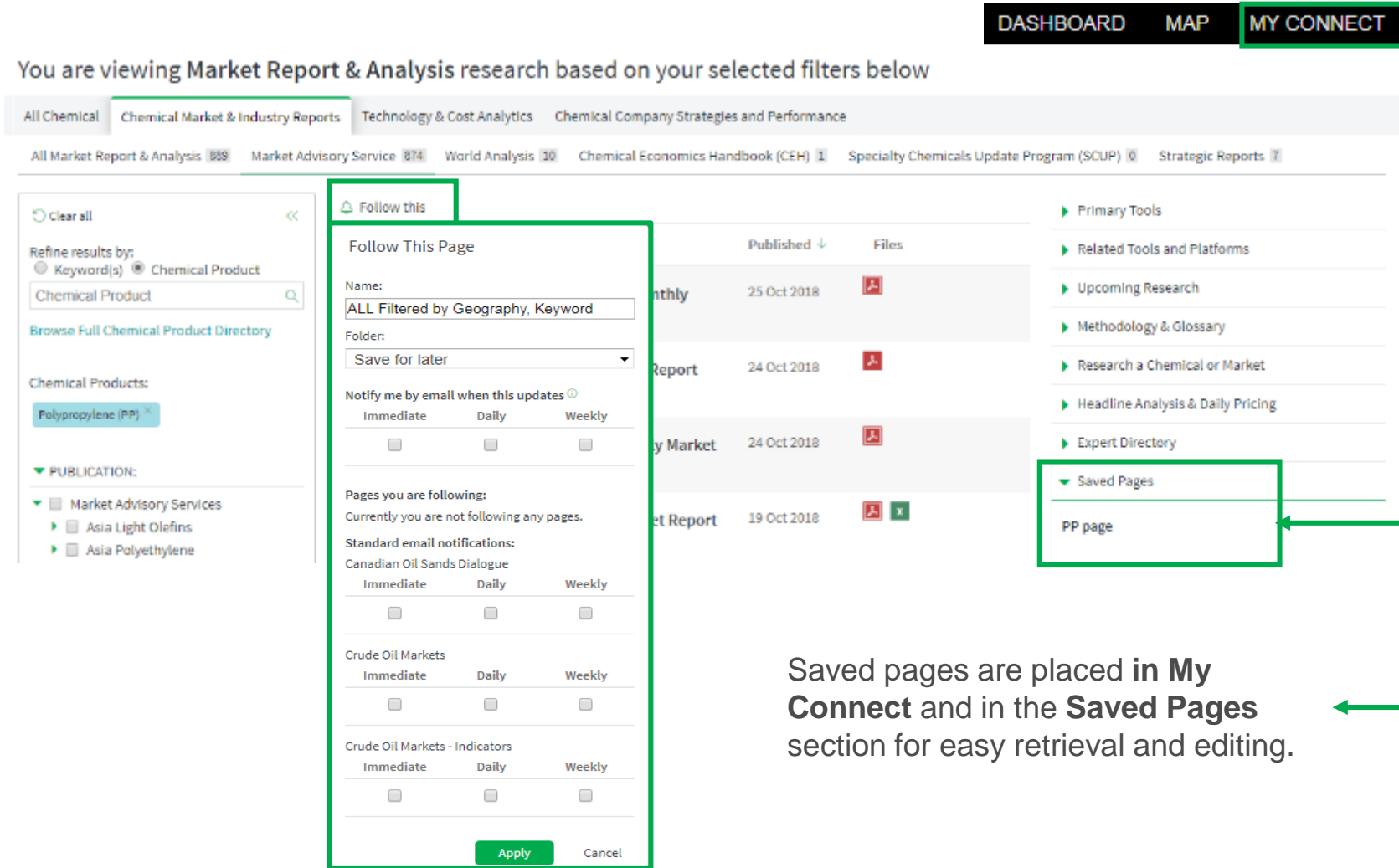
The screenshot shows the IHS Markit interface with a navigation bar at the top containing 'DASHBOARD', 'MAP', and 'MY CONNECT'. Below the navigation bar, a header reads 'You are viewing Market Report & Analysis research based on your selected filters below'. A series of tabs includes 'All Chemical', 'Chemical Market & Industry Reports', 'Technology & Cost Analytics', and 'Chemical Company Strategies and Performance'. Below these tabs, a list of filters is shown: 'All Market Report & Analysis 451', 'Market Advisory Service 451', 'World Analysis 0', 'Chemical Economics Handbook (CEH) 0', and 'Specialty Chemicals Update P...'. The main content area features a 'Follow this' section with a table of reports. The table has columns for 'Title', 'Published', and 'Files'. One report is highlighted with a green box: 'North America Light Olefins - Monthly Market Report Issue 763', published on '28 Sep 2018', with an 'Archive' button and a file icon. Below the table, there is a green plus sign icon. A 'Follow This Publication' dialog box is overlaid on the left, containing the following fields: 'Name: North America Light Olefins - Monthly Market Report', 'Folder: Save for later' (with a dropdown arrow), and 'Notify me by email when this updates' with radio buttons for 'Immediate', 'Daily', and 'Weekly'. At the bottom of the dialog are 'Apply' and 'Cancel' buttons. A green arrow points from the text below to the 'MY CONNECT' menu item in the top navigation 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 your page is updated.

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' menu highlighted. A 'Follow This Page' dialog box is open, allowing users to name a 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 and standard email notifications. In the background, a table of research reports is visible, and the 'Saved Pages' section in the 'MY CONNECT' menu is highlighted, showing a 'PP page'.

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

Market Advisory Services

In Connect, hover over the **Chemical** menu > Click on **Market Advisory Service** to see all Market Advisory reports.

You are viewing **Market Report & Analysis** research

[All Chemical](#) |
 [Chemical Market & Industry Reports](#) |
 [Technology & Cost Analytics](#) |
 [Chemical Company Strategies and Performance](#)

[All Market Report & Analysis 999+](#) |
 [Market Advisory Service 999+](#) |
 [World Analysis 141](#) |
 [Chemical Economics Handbook \(CEH\) 304](#) |
 [Specialty Chemicals Update Program \(SCUP\) 37](#) |
 [Strategic Reports 54](#)

Clients value Market Advisory Services for chemical price discovery, near-term market analysis and forecasts:

- **Inventory Management** - When is the best time to buy/sell
- **Contract Negotiation** - Stay ahead of competition
- **Trading** - Understand and anticipate arbitrage opportunities Plan inventory positions
- **Domestic and Global Market** - Network Access to 60 experts around the world

Market Advisory Services provide:

- Market prices (historical, current, forecast) provided monthly, weekly, daily depending upon the service
- Expert market analysis of prices, margins, trade, operational issues
- Future trends impacting markets
- Quarterly supply/demand balances and trade flows

Global Engineering Resins
 Monthly Report and Forecast
 21 July 2017 | Issue 108

Global Summary

Engineering Resins Highlights

- Polyamide** - Polyamide prices were unchanged in North America. Europe saw a small decline in general purpose grades and a USD per ton increase in optical media grades. In Asia prices moved up \$150 per ton as well support from upstream and consistent supply of import cargo following India's midsize and Asia have major expansion. The JMW has also increased.
- ABS** - ABS prices softened in North America and Europe. In Asia prices have been stable as cost-cutting by producers negates that an overcapacity is being seen.
- Nylon** - Nylon 6 prices in North America declined 1.5% on lower costs for key feedstocks. Prices in Europe declined 130 per ton on strong supply. Prices in Asia rose \$40 per ton. Nylon 66 prices in North America declined 1.5% although the market was softened with lower prices being paid some declining prices in Europe declined 100 per ton on strong supply. Prices in Asia declined \$100 per ton on soft economic conditions. Next month, prices in North America are forecast to rise for both nylon 6 and nylon 66. Prices in Europe are forecast to be marginally lower due to the seasonal economic factors. Prices in Asia are forecast to be stable to weak due to seasonal summer economic conditions.
- PET** - PET resin prices were stable in North America, advanced 150 per ton in Europe and were stable by about \$80 per ton higher in Asia.
- Acetal** - North American homopolymer and copolymer prices were unchanged, with exceptions for some increases at the lower end of the price spectrum. Next month, prices are forecast to be flat for homopolymer, but 1 cpy lower for copolymer. European homopolymer and copolymer prices were unchanged as costs moderated costs and pressure from upstream rose. Asian prices were \$20 per ton higher for homopolymer and \$100 per ton higher for copolymer amid an robust import into China after the country's mid-and-late July sales from earlier after Asian countries. Next month, prices are forecast to be stable.
- Polypropylene** - The North America polypropylene (PP) benchmark contract price for July is expected to increase by 11 cents per pound in line with the program settlement. In Europe, PP demand is at the expected level for the first of year and with the summer shutdowns fast approaching buyers will aim to close production with low inventory levels. In China, PP market report regularly states in July an overcapacity have already covered their production needs and were reluctant to carry additional inventories.

North America Energy Price Movements
 US Dollars per Barrel (Oil) and \$/MMBtu (Natural Gas) from Jan 14 to Jul 18.

US Foodstock Spot Price Movements
 Cents Per Pound from Jan 14 to Jul 18.

Chemical Price & Economics Data Browser

- Database can be found under the primary tools section **on the right-hand side** of any of the **Chemical** service pages.
- Allows you to customize your data query, includes details on:
 - Market Prices & Economics (historical, current, forecast)
 - Monthly, weekly, daily and annual pricing provided depending on the service.

▼ Primary Tools

Data Browser

Chemical Price & Economics

Chemical Capacity by Company

Chemical Capacity by Shareholder

Chemical Capacity Formatted Table

Aggregated Capacity by Geography

Chemical Supply & Demand

Click to access a 5-minute training video.



Total Filters Selected 0

Data Browser

- Build Query
- Workspace
- My Saved
- Documentation
- Service Documentation
- Flash Alerts
- What is New in Data

Build Query

Dataset: Chemical Price & Economics

Search...

Product...	Geography...	Unit...	Frequency...
<input type="checkbox"/> 2-Ethylhexyl Acrylate <input type="checkbox"/> Acetic Acid <input type="checkbox"/> Acetic Anhydride <input type="checkbox"/> Acetone <input type="checkbox"/> Acrylic Acid - Crude <input type="checkbox"/> Acrylic Acid - Glacial <input type="checkbox"/> Acrylic Fibers <input type="checkbox"/> Acrylonitrile <input type="checkbox"/> Acrylonitrile-Butadiene-Styrene (ABS) Resins	<input type="checkbox"/> Asia <input type="checkbox"/> China <input type="checkbox"/> Europe <input type="checkbox"/> Indian Subcontinent <input type="checkbox"/> Middle East <input type="checkbox"/> North America <input type="checkbox"/> Northeast Asia <input type="checkbox"/> Romania <input type="checkbox"/> Russia	<input type="checkbox"/> CAN\$ <input type="checkbox"/> CAN\$ per Metric Ton <input type="checkbox"/> Cents per Gallon <input type="checkbox"/> Cents per Kilogram <input type="checkbox"/> Cents per Pound <input type="checkbox"/> DM <input type="checkbox"/> Euro <input type="checkbox"/> Euro per Dry Metric Ton <input type="checkbox"/> Euro per Euro Q107	<input type="checkbox"/> Annual <input type="checkbox"/> Monthly <input type="checkbox"/> Weekly (Thur) <input type="checkbox"/> Weekly (Fri) <input type="checkbox"/> Daily (5/week)

f_x FUNCTIONS...

Filter options to customize your search.

RESET VIEW RESULTS

Click here to run the search

World Analysis

In Connect, hover over the **Chemical** menu > Click on **World Analysis** to see all World Analysis reports and deliverables.

You are viewing **Market Report & Analysis** research

[All Chemical](#)
[Chemical Market & Industry Reports](#)
[Technology & Cost Analytics](#)
[Chemical Company Strategies and Performance](#)

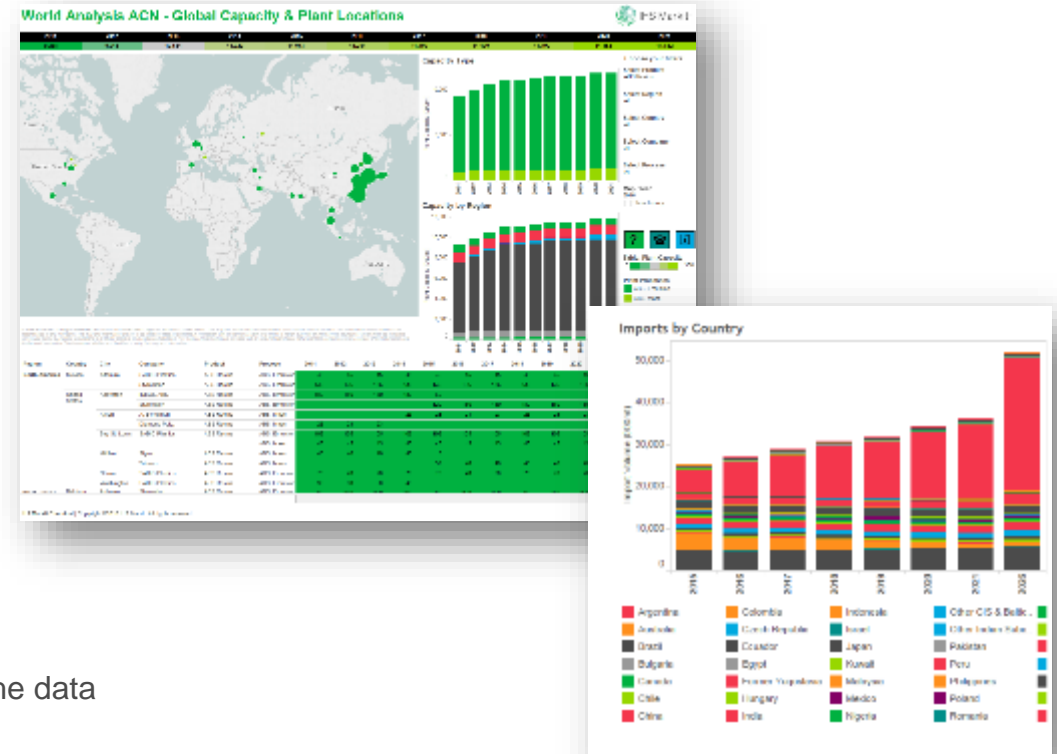
[All Market Report & Analysis 999+](#)
[Market Advisory Service 999+](#)
[World Analysis 143](#)
[Chemical Economics Handbook \(CEH\) 304](#)
[Specialty Chemicals Update Program \(SCUP\) 37](#)
[Strategic Reports 54](#)

Clients value the World Analysis for data driven strategic planning:

- Raw material supply-chain optimization
- Expansion and investment decisions
- Competitive analysis
- Product / market evaluation

The World Analysis provides:

- Chemical production capacities; globally by company location
- Supply/Demand balances; capacity integration with main derivatives
- Production economics
- International Trade
- Historical data & 10 year forecasts
- Detailed country-level trade grids
- Upside and downside sensitivities
- Dynamic Interactive User Interface - Quickly and efficiently visualize and analyze the data



World Analysis Deliverables

All Market Report & Analysis 1 Market Advisory Service 0 **World Analysis 1** Chemical Economics Handbook (CEH) 0 Specialty Chemicals Update Program (SCUP) 0 Strategic Reports 0

Clear all <<





Refine results by:
 Keyword(s) Chemical Product

Keyword


PUBLICATION:


- World Analyses
 - 2018 World Analysis - Ethylene
 - Report


Follow this

Title	Published ↓	Files
2018 World Analysis - Ethylene - Report	13 Dec 2017	   

-  2018 World Analysis Ethylene - Report
-  2018 World Analysis Ethylene - Appendix
-  2018 World Analysis Ethylene - Energy
-  2018 World Analysis Ethylene - Economy
-  2018 World Analysis Ethylene - Explanatory Notes
-  2018 World Analysis Ethylene - Q2 2018 Price Forecast
-  2018 World Analysis Ethylene - Sensitivities - Spring 2018

-  2018 World Analysis - Ethylene - Q2 2018 Price Forecast
-  2018 World Analysis Ethylene - Supply Demand Graphics - Spring 2018
-  2018 World Analysis Ethylene - Trade Grids - Spring 2018

 2018 World Analysis - Ethylene - Tableau Q218 Update for Internet Explorer

 2018 World Analysis - Ethylene - Tableau Q218 Update

View and access **files** quickly.



Click here to download the user friendly and dynamic **Tableau file** for capacity, supply/demand and trade data visualization. This file can be viewed by downloading the free **Tableau reader** [here](#).

Chemical Capacity Data Browser

- Database can be found under the primary tools section **on the right-hand side** of any of the **Chemical** service pages.
- Allows you to customize your data query, includes details on:
 - Chemical and main derivative production capacity
 - Globally by company location

▼ Primary Tools

Data Browser

- Chemical Price & Economics
- Chemical Capacity by Company**
- Chemical Capacity by Shareholder
- Chemical Capacity Formatted Table
- Aggregated Capacity by Geography
- Chemical Supply & Demand

Click to access a 5-minute training video.



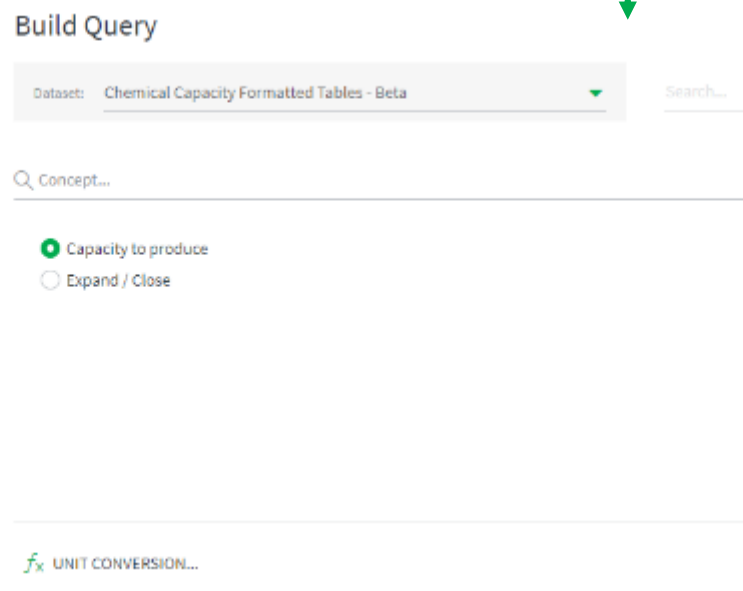
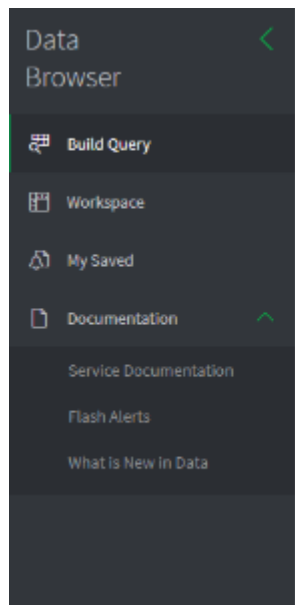
Total Filters Selected 1

Filter options to customize your search.

Click here to run the search

Chemical Capacity Formatted Table

In Connect, hover over the **Chemical** menu > Click on **Chemical Capacity Formatted Table** to export Global capacity data split by region, company and process to Excel.



The screenshot shows a table titled 'Ethylene - Capacity to produce (-000-Metric Tons)'. The table has columns for 'Region', 'Process', and years from 2011 to 2025. A green box highlights the 'EXPORT...' button, which has opened a menu with three options: 'Excel static', 'CSV static', and 'Excel Refreshable'. A green arrow points from the 'Excel static' option to the table.

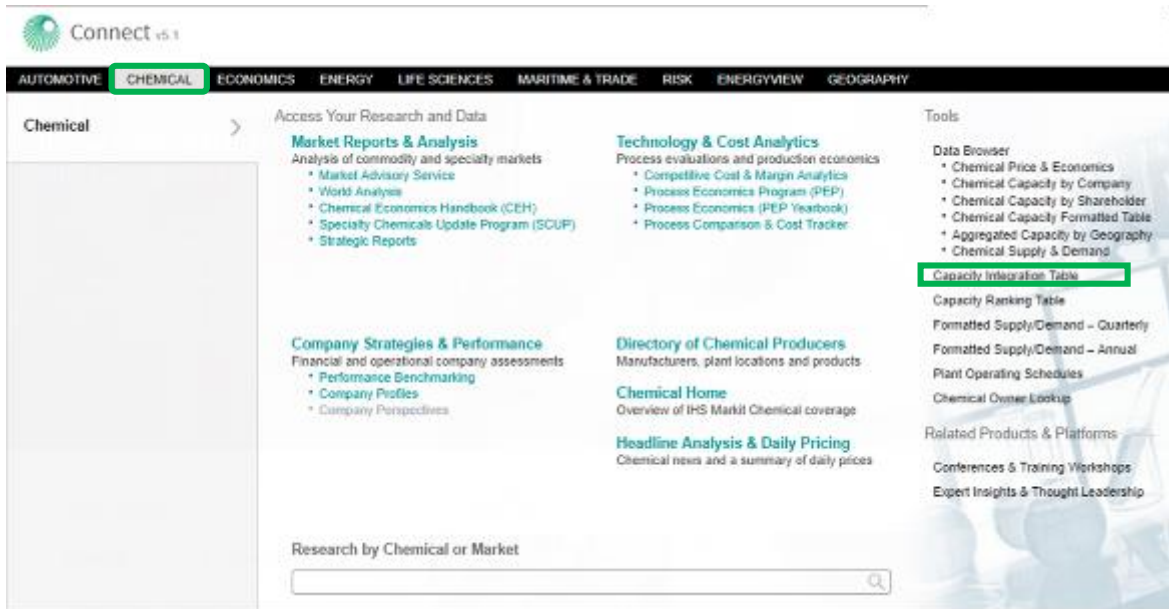
Region	Process	2011	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Remarks
AFRICA															
ALGERIA															
CHN	Solera														Cap. Plan
Sulfone C-ethane															
Total Africa															
ECONOMY															
CHN/DCO	Alconale				115	480	450	460	460	480	450	460	450	460	Turnout
SDPC	Alconale	100	300	300	300	300	300	300	300	300	300	300	300	300	Turnout
TruChem, Inc.	Portico		56	60	60	60	60	60	60	60	60	60	60	60	60

Select criteria then click to prepare export.

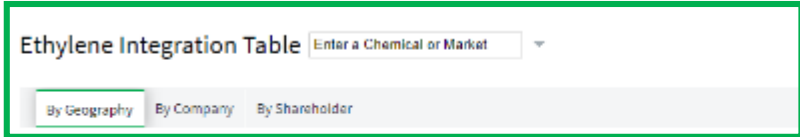


Capacity Integration Table

In Connect, hover over the **Chemical** menu > Click on **Capacity Integration Table** to access Global capacity data split by region, company and process to Excel.



Enter a chemical and **Select** to view integration table by **Geography, Company or Shareholder**.



Check show derivative box to see consumption by derivative detail.

Geography: World | Split: By Company | Year: 2018 | Unit: (-)00- Metric Tons | Show Derivatives: | Export

Geography	City, State	Net Surplus / Deficit	Capacity To Produce Ethylene	Capacity To Consume	AlphaOlefins	Ethylbenzene	EthyleneDichloride	EthyleneOxide	Other	Polyethylene (PE)	VinylAcetate
TOTAL - Africa		-316	1,888	-2,204	-55	-	-391	-	-	-1,738	-
Algeria		-107									
ENIP	Sikida	-68									
Sonatrach	Sikida	-131									

Click **export** to export single year or multi year table. **Select** formatted or flat file.

Date Range

Single Year 2018 ▼
 Multi Year 2018 ▼ 2028 ▼

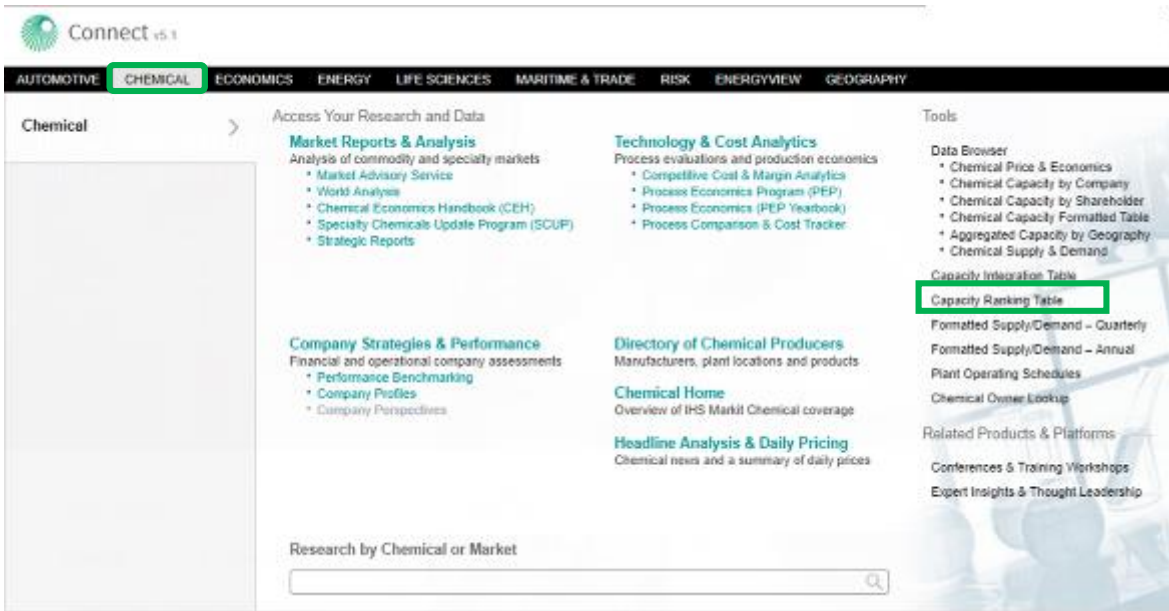
Formatting

Formatted
 Flat file

Export Cancel

Capacity Ranking Table

In Connect, hover over the **Chemical** menu > Click on **Capacity Ranking Table** to view data at the country or region level for top producer, consumer, surplus or deficit.



Enter a chemical and **Select** to view ranking table by **Company** or **Shareholder**.

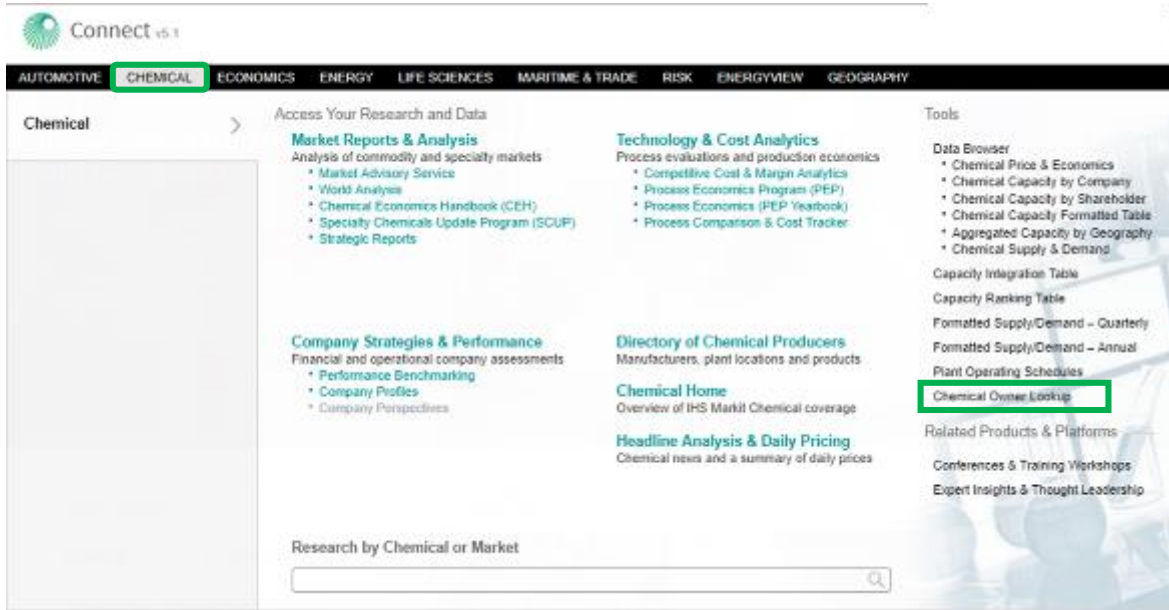
Select criteria from drop the down menus then **click export**.

Concept Year Show Geography Unit

Rank	Company	2018	% of total
1	DowDuPont	10,761	6.05%
2	ExxonMobil	7,263	4.09%
3	Equistar	5,285	2.97%

Chemical Owner Lookup

In Connect, hover over the **Chemical** menu > Click on **Chemical Owner Lookup** to view company ownership and shareholder or subsidiary data.



Chemical Owner Lookup

Enter a Chemical Company and Click Search.

Company Search

Enter Chemical Company

Braskem (Braskem)

Company Search

Braskem

Search Results (5)

- Braskem (Braskem)
- Braskem Europa GmbH (Braskem Europa GmbH)
- Braskem (P) America Inc. (Braskem (P) America)
- Braskem-Idesa JV (Braskem-Idesa JV)
- Synrolution/Braskem JV (Synrolution/Braskem)

Shareholders (7)

Odebrecht Quimica S.A. (Odebrecht Quimica)	38.30%
Uniao Federal (Uniao Federal)	33.75%
Other Brazilian Interests (Other Brazilian In)	25.10%
Various_Brazil (Various_BRA)	1.02%
B.N.D.F.S. (B.N.D.F.S.)	0.58%
Itaion Government (Itaion Governme)	0.50%
BNDESPar (BNDESPar)	0.50%

Legend:

- Odebrecht Quimica S.A.
- Uniao Federal
- Other Brazilian Interests
- Various_Brazil
- B.N.D.F.S.
- Brazilian Government
- BNDESPar

Click Export to view data and tables in Excel.

Note: Ownership includes associations from 1990 through the forecast period and does not reflect current status only. The full hierarchy of ownership is shown as a flat list. Non-manufacturing entities (e.g. Holding companies), and subsidiaries and JVs that are producing chemicals not included in our chemical capacity database, such as specialties, pharmaceuticals etc., are not shown here.

Chemical Supply & Demand Data Browser

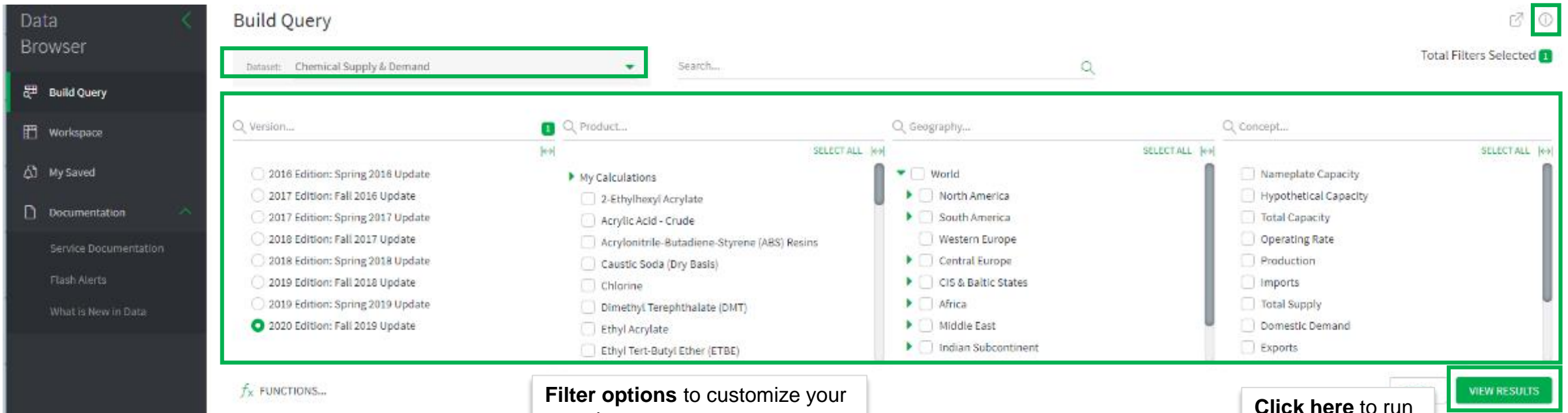
- Database can be found under the primary tools section **on the right-hand side** of any of the **Chemical** service pages.
- Allows you to customize your data query, includes details on:
 - Global and Country level Supply/Demand balances

▼ Primary Tools

Data Browser

- Chemical Price & Economics
- Chemical Capacity by Company
- Chemical Capacity by Shareholder
- Chemical Capacity Formatted Table
- Aggregated Capacity by Geography
- Chemical Supply & Demand**

Click to access a 5-minute training video.



Build Query

Dataset: **Chemical Supply & Demand**

Search...

Total Filters Selected 1

Version... Product... Geography... Concept...

2016 Edition: Spring 2016 Update
 2017 Edition: Fall 2016 Update
 2017 Edition: Spring 2017 Update
 2018 Edition: Fall 2017 Update
 2018 Edition: Spring 2018 Update
 2019 Edition: Fall 2018 Update
 2019 Edition: Spring 2019 Update
 2020 Edition: Fall 2019 Update

My Calculations

- 2-Ethylhexyl Acrylate
- Acrylic Acid - Crude
- Acrylonitrile-Butadiene-Styrene (ABS) Resins
- Caustic Soda (Dry Basis)
- Chlorine
- Dimethyl Terephthalate (DMT)
- Ethyl Acrylate
- Ethyl Tert-Butyl Ether (ETBE)

World
 North America
 South America
 Western Europe
 Central Europe
 CIS & Baltic States
 Africa
 Middle East
 Indian Subcontinent

Nameplate Capacity
 Hypothetical Capacity
 Total Capacity
 Operating Rate
 Production
 Imports
 Total Supply
 Domestic Demand
 Exports

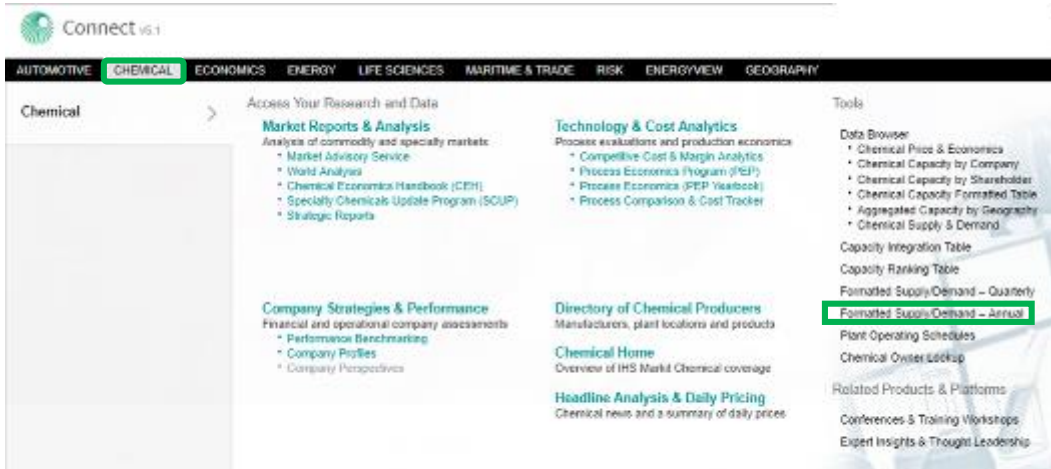
VIEW RESULTS

Filter options to customize your search.

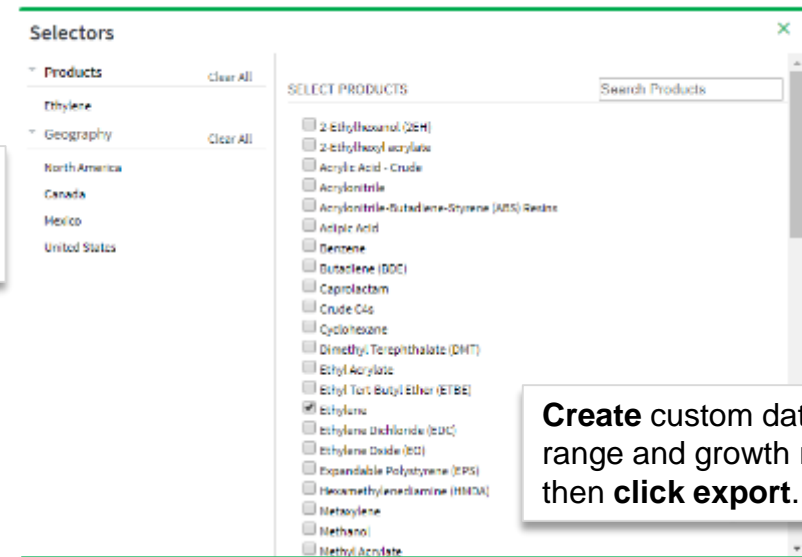
Click here to run the search

Formatted Supply/Demand Tables

In Connect, hover over the **Chemical** menu > Click on **Formatted Supply/Demand – Annual** to view and export formatted tables to Excel.



Click export to select multiple products and geographies.



Create custom date range and growth rates then click export.

Ethylene Annual Balance Table

Enter a Chemical or Market
North America

Export

Click here to select chemical and geography.

2019 Edition: Fall 2018 Update	2013	2014	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Capacity												
Nameplate Capacity	34,322	34,750	45,691	47,783	48,635	50,191	50,691	50,691	50,691	50,691	50,691	50,691
Coal to Olefins	0	0	0	0	0	0	0	0	0	0	0	0
Crude to Olefins	0	0	0	0	0	0	0	0	0	0	0	0
Methanol to Olefins	0	0	0	0	0	0	0	0	0	0	0	0
Methanol to Propylene	0	0	0	0	0	0	0	0	0	0	0	0
Steam Cracker	34,106	34,540	41,448	45,481	47,543	48,395	49,951	50,451	50,451	50,451	50,451	50,451
Others	216	216	216	216	216	240	240	240	240	240	240	240

Date Range: From 2005 to 2028

Compound Annual Growth Rates calculations: From 2005 to 2028

Export Cancel

Chemical Economic Handbooks

In Connect, hover over the **Chemical** menu > Click on **Chemical Economic Handbook (CEH)** to see all CEH reports.

You are viewing **Market Report & Analysis** research

[All Chemical](#)
[Chemical Market & Industry Reports](#)
[Technology & Cost Analytics](#)
[Chemical Company Strategies and Performance](#)

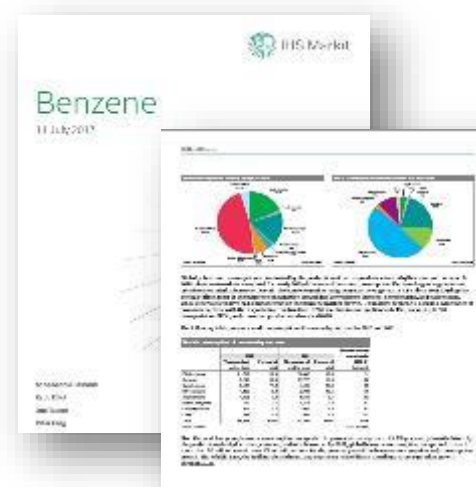
[All Market Report & Analysis 999+](#)
[Market Advisory Service 999+](#)
[World Analysis 141](#)
[Chemical Economics Handbook \(CEH\) 304](#)
[Specialty Chemicals Update Program \(SCUP\) 37](#)
[Strategic Reports 54](#)

Serving clients for more than 60 years

- Complete coverage of the Chemical Industry
- Approximately 250 reports on topics from A-to-Z (i.e. Acetaldehyde to Zinc Chemicals)
- Includes Petrochemicals, Organics, Inorganics, Industrial Gases, Fibers, Resins and Elastomers

80-90 reports issued annually include:

- Executive summary with key commercial conclusions for the product group
- Global summary; regional coverage
- Producers with annual capacities and plant sites
- Production figures and trends
- Consumption and forecasts by end use application
- Historical annual prices and price trends
- Trade imports and exports



▶ Primary Tools

▶ Related Tools and Platforms

▼ Upcoming Research

Report Schedule - CEH
16 Oct 2018

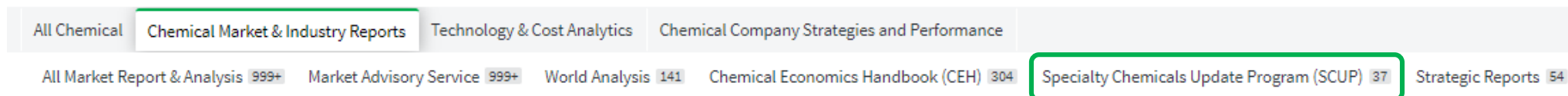
Report Schedule - SCUP
31 Aug 2018

Market research & analysis of over 300 markets including chemical supply/demand, forecasts, and related trends in manufacturing, consumption and trade.

Specialty Chemical Update Program

In Connect, hover over the **Chemical** menu > Click on **Specialty Chemicals Update Program (SCUP)** to see all SCUP reports.

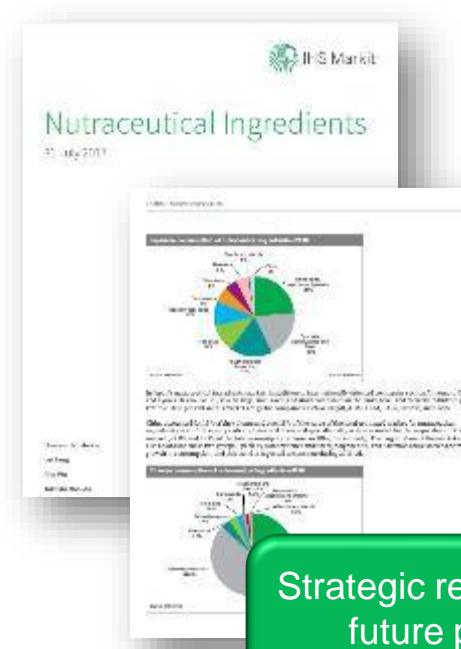
You are viewing **Market Report & Analysis** research



- Strategic analysis of 40 specialty chemical sectors
- Reports effectively function as a Business Plan for developing businesses in specialty chemical sectors.

Each report includes:

- Executive summary with key commercial conclusions for the sector
- Qualitative market analysis and forecasts
- Industry structure, operating characteristics and regulatory environment
- Products, functions and markets
- Cost structure / profitability
- Technology changes and emerging substitution practices



▶ Primary Tools

▶ Related Tools and Platforms

▼ Upcoming Research

Report Schedule - CEH
16 Oct 2018

Report Schedule - SCUP
31 Aug 2018

Strategic research and analysis of current markets and future prospects for a broad range of specialty chemical businesses.

Strategic Reports

In Connect, hover over the **Chemical** menu > Click on **Strategic Reports** to see all chemical strategic reports.

You are viewing **Market Report & Analysis** research



- Critical response to a market need that is too complex and/or urgent to be covered in sufficient detail through ongoing market services
- Quick deployment of multi-disciplinary research, technology & consulting expertise
- Leverage existing IHS Markit expertise and datasets to create new innovative research
- Brings together an industry community who can help shape the research effort with feedback

A deep collaboration of IHS Markit multi-disciplinary expertise brought together to address the most topical issues in the chemical industry today.

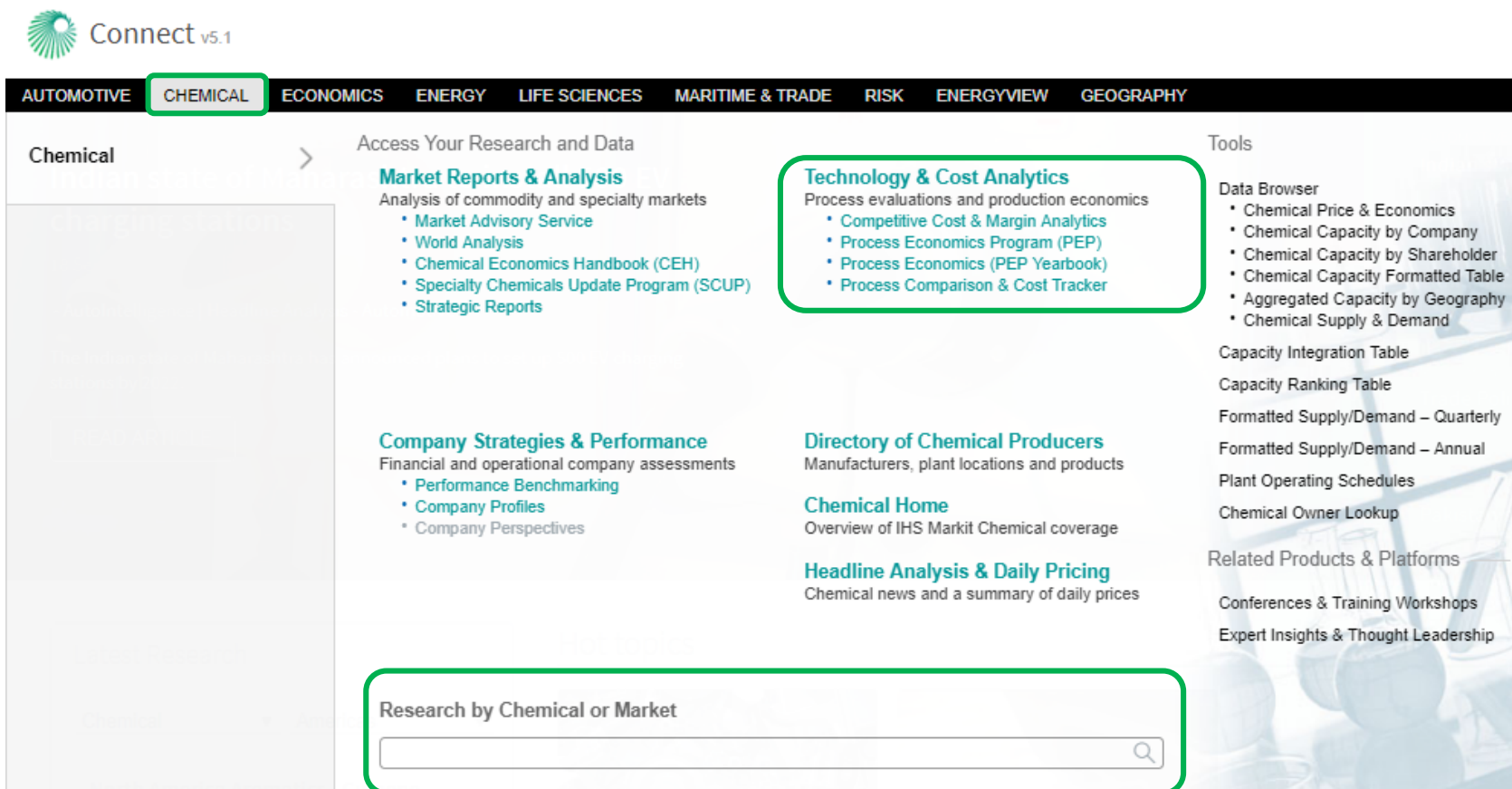


Technology & Cost Analytics

Process evaluations and production economics

Technology & Cost Analytics Research Page Navigation

In Connect, hover over the **Chemical** menu > Click on **Technology & Cost Analytics** to see all reports & data files.



Relevant
Data tools
and other
Resources.

Enter a chemical or market to view **dashboard** page.

Technology & Cost Analytics Page Navigation

Process Evaluations & Production Economics reports & data are organized within **service tabs** to instantly narrow down your search.

Keyword search and relevant filter options.

The screenshot shows the IHS Markit Technology & Cost Analytics interface. At the top, there are navigation tabs: 'All Chemical', 'Chemical Market & Industry Reports', 'Technology & Cost Analytics' (which is selected), and 'Chemical Company Strategies and Performance'. Below these are sub-tabs for 'All Technology & Cost Analytics', 'Competitive Cost & Margin Analytics', 'Process Economics Program (PEP)', and 'Process Comparison & Cost Tracker'. On the left is a search sidebar with options to refine results by keyword, publication type (Competitive Cost & Margin Analytics, Process Economics Program), file type (Adobe PDF, Images, Microsoft Excel), publish frequency (Quarterly, Semiannual, Annual, Ad hoc, Indeterminate), and geography (Americas, Asia). The main content area is a table of reports with columns for Title, Published date, and Files. The right-hand side features a 'Primary tools' menu with items like 'Process Economics (PEP Yearbook)', 'Related Tools and Platforms', 'Upstream Research', 'Methodology & Glossary', 'Research a Chemical or Market', 'Headline Analysis & Daily Pricing', 'Expert Directory', and 'Saved Pages'. A green arrow points to the 'Files' column in the table, and another green arrow points to the 'Primary tools' menu.

Title	Published ↓	Files
Purified Terephthalic Acid (PTA) PEP Report - 9H	18 Oct 2018	
Competitive Cost & Margin Analytics - Bisphenol A	17 Oct 2018	
UOP's Two-Stage Tatoray™ Process PEP Review - 2018-07	15 Oct 2018	
Biomass Pretreatment PEP Report - 302	09 Oct 2018	
Options to Meet Impending Marine Bunker Fuel Specifications PEP Report - 304	12 Sep 2018	
Cost Index Research - PEPCI	28 Aug 2018	
Competitive Cost & Margin Analytics - Adipic Acid	27 Aug 2018	
Competitive Cost & Margin Analytics - Ethylene Dichloride	24 Aug 2018	
Competitive Cost & Margin Analytics - Ammonia	03 Aug 2018	
Competitive Cost & Margin Analytics - Polycarbonate	01 Aug 2018	
Competitive Cost & Margin Analytics - Monoethylene Glycol	31 Jul 2018	

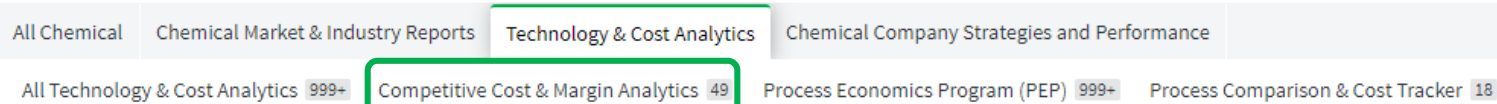
Relevant Data tools and other Resources.

View and access files quickly.

Competitive Cost & Margin Analytics

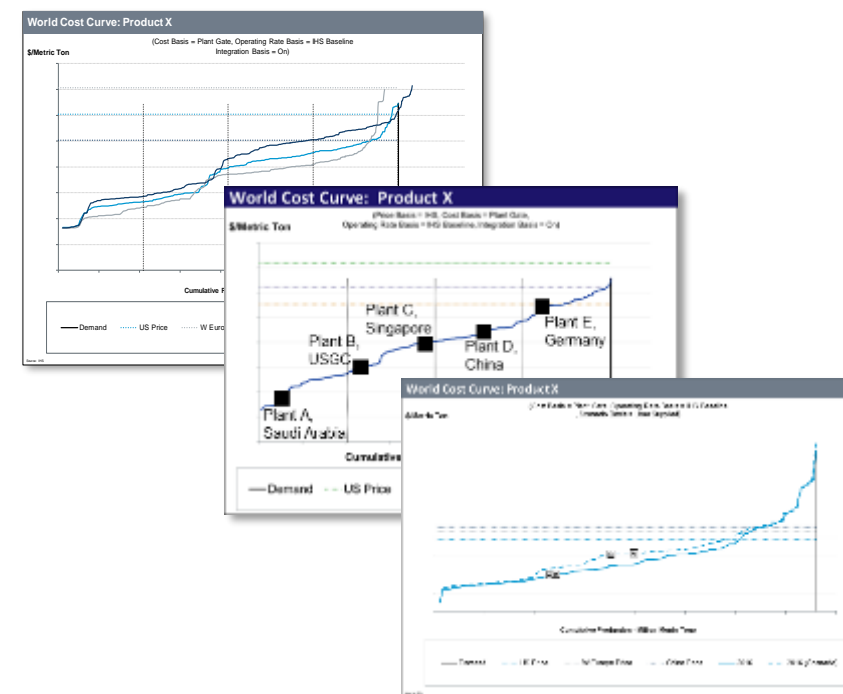
In Connect, hover over the **Chemical** menu > Click on **Competitive Cost & Margin Analytics** to view executive overview and interactive cost models.

You are viewing **Technology & Cost Analytics** research



Service includes:

- Energy Price Basis and Energy Outlook
- Executive Overview & Methodology
- Production cost snapshots for key technologies by regions
- Interactive excel tool with graphs, tables, global & regional views
- Analyze oil price scenarios based on user-specific inputs
- Historical 5-year prior period, prior year, current year
- 10-Year forecast including Hypothetical plant additions dictated by Supply/Demand dynamics
- Quarterly model updates
- Decreased depreciation for plants more than 10-years old
- Ability to add Sales, General & Administrative (SG&A) expenses to plant economics
- Monthly updated 15-month forecast and 3-month history
- Annual Curves incorporating announced or planned short-term shutdowns into production costs



Cost and margin analytics / curves for all producers of a particular commodity chemical or polymer for the previous, current and future year outlook.

Process Economics Program

In Connect, hover over the **Chemical** menu > Click on **Process Economics Program** to view all reports and iPEP files.

You are viewing **Technology & Cost Analytics** research

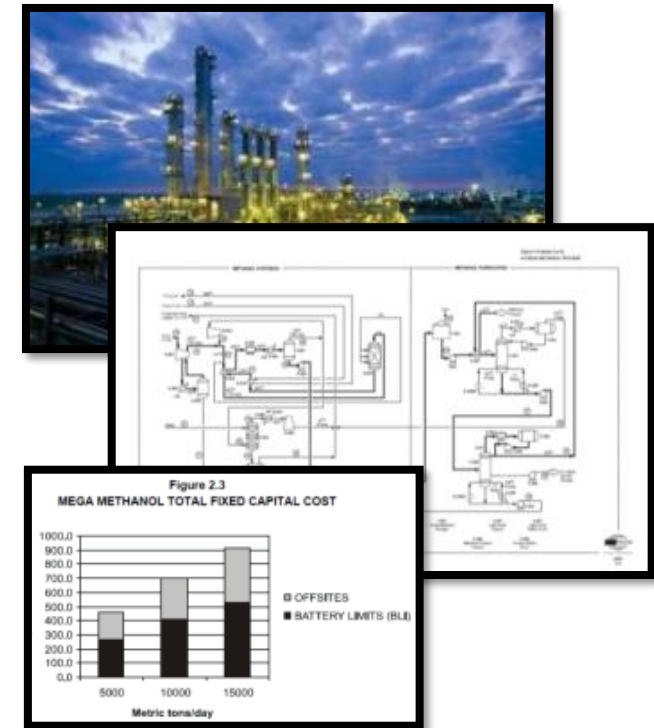
[All Chemical](#)
[Chemical Market & Industry Reports](#)
[Technology & Cost Analytics](#)
[Chemical Company Strategies and Performance](#)

[All Technology & Cost Analytics 999+](#)
[Competitive Cost & Margin Analytics 49](#)
[Process Economics Program \(PEP\) 999+](#)
[Process Comparison & Cost Tracker 18](#)

- Monitor global technology and commercial developments
- 50 years of chemical process economics covering over 1400 process technologies related to over 600 chemicals

Coverage of:

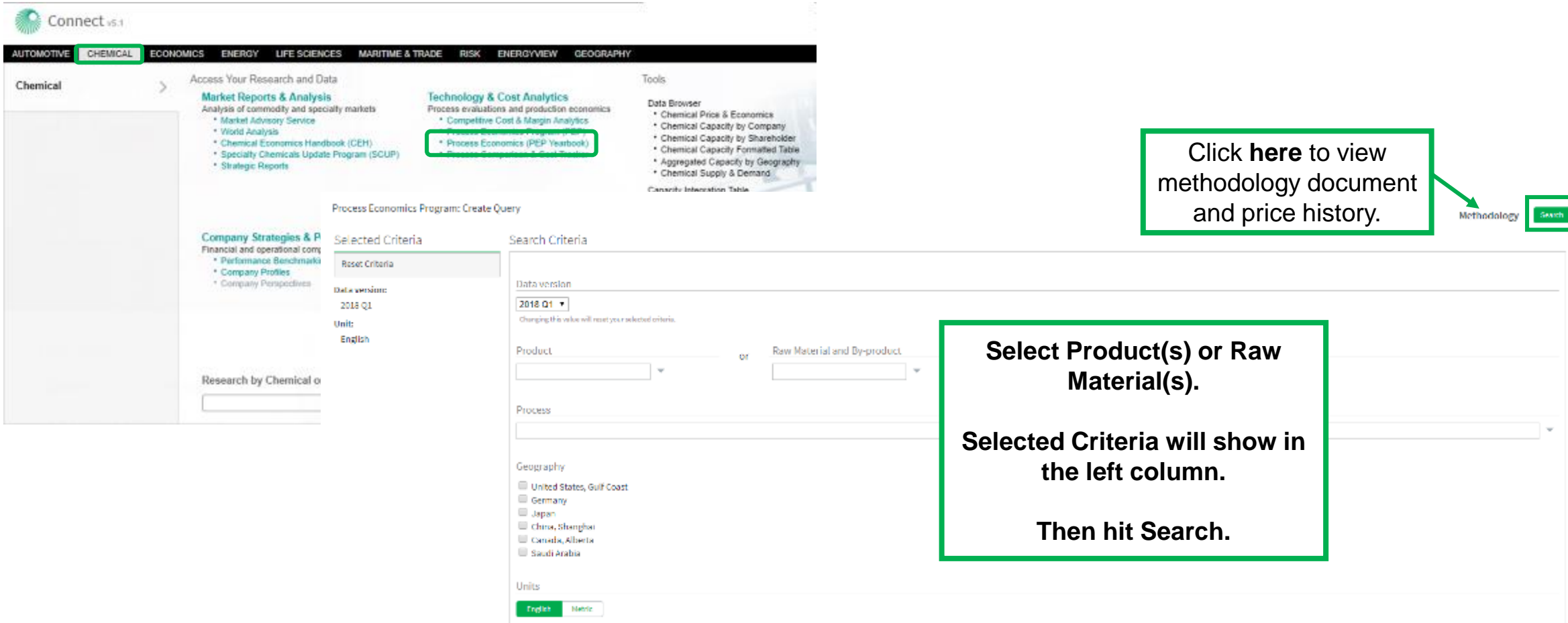
- Periodic techno-economic reviews of key process technologies in the chemical industry
- Plant construction cost indices providing semi-annual updates to plant equipment and construction cost escalation indices and location factors
- NEW: key economic content delivered in interactive spreadsheet modules (iPEP) allowing clients to interrogate data and quickly develop scenarios



In-depth, objective economic assessments of competing commercial and emerging chemical processes technologies, and capital & production costs.

Process Economics (PEP Yearbook)

In Connect, hover over the **Chemical** menu > Click on **Process Economics (PEP Yearbook)** to create query.

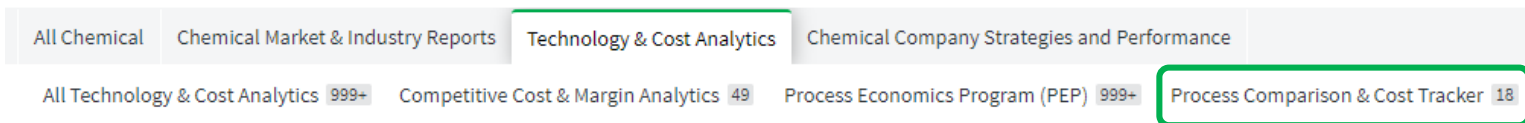


The screenshot shows the IHS Markit Connect v5.1 interface. The 'CHEMICAL' menu is highlighted in the top navigation bar. Under the 'Chemical' dropdown, the 'Process Economics (PEP Yearbook)' option is selected and highlighted with a green box. A callout box points to this option with the text: "Click here to view methodology document and price history." Below the main navigation, the 'Process Economics Program: Create Query' form is visible. It includes sections for 'Selected Criteria' (with a 'Reset Criteria' button), 'Data version' (set to '2018 Q1'), 'Product' and 'Raw Material and By-product' dropdowns, 'Process' dropdown, 'Geography' (with checkboxes for United States, Gulf Coast, Germany, Japan, China, Shanghai, Canada, Alberta, and Saudi Arabia), and 'Units' (with 'English' and 'Metric' buttons). A 'Search' button is located at the bottom right of the form. A second callout box points to the 'Search' button with the text: "Select Product(s) or Raw Material(s). Selected Criteria will show in the left column. Then hit Search."

Process Comparison & Cost Tracker

In Connect, hover over the **Chemical** menu > Click on **Process Comparison & Cost Tracker** to view interactive models.

You are viewing **Technology & Cost Analytics** research

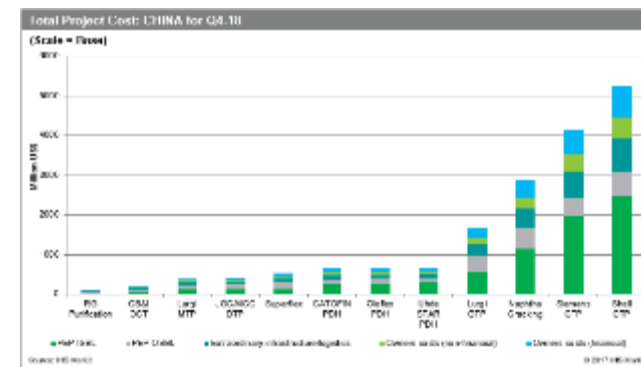
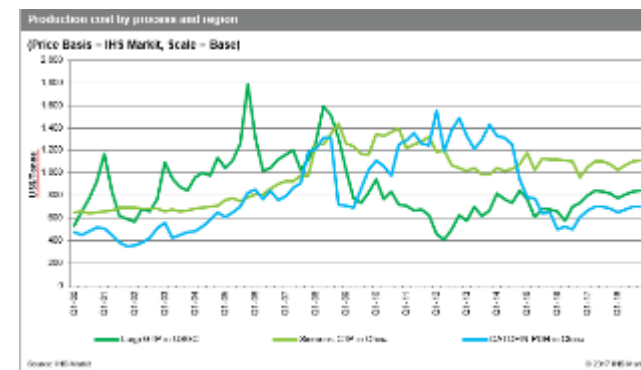


PCCT allows you to seamlessly interrogate, analyze and customize 500,000+ economic data points by chemical, alongside the technical process descriptions according to:

- Technology
- Capital and Production Economics
- Time Series
- Geography
- Environment

Key Features:

- Detailed production cost structure, broken down by cost components, for commercial and emerging process technologies
- Ability to select and compare different process technologies side-by-side
- Model populated with >15 years of historical data and 5 year IHS Markit base price forecast
- Price basis offered for feedstocks and product on a quarterly and annual basis for 6 key regions
- Ability to enter user-defined metrics up to 2040 for product price, immediate feedstock price, utilities, location factors & capital cost index
- Carbon and water footprints
- Process descriptions & block flow diagrams
- Technology & market overview

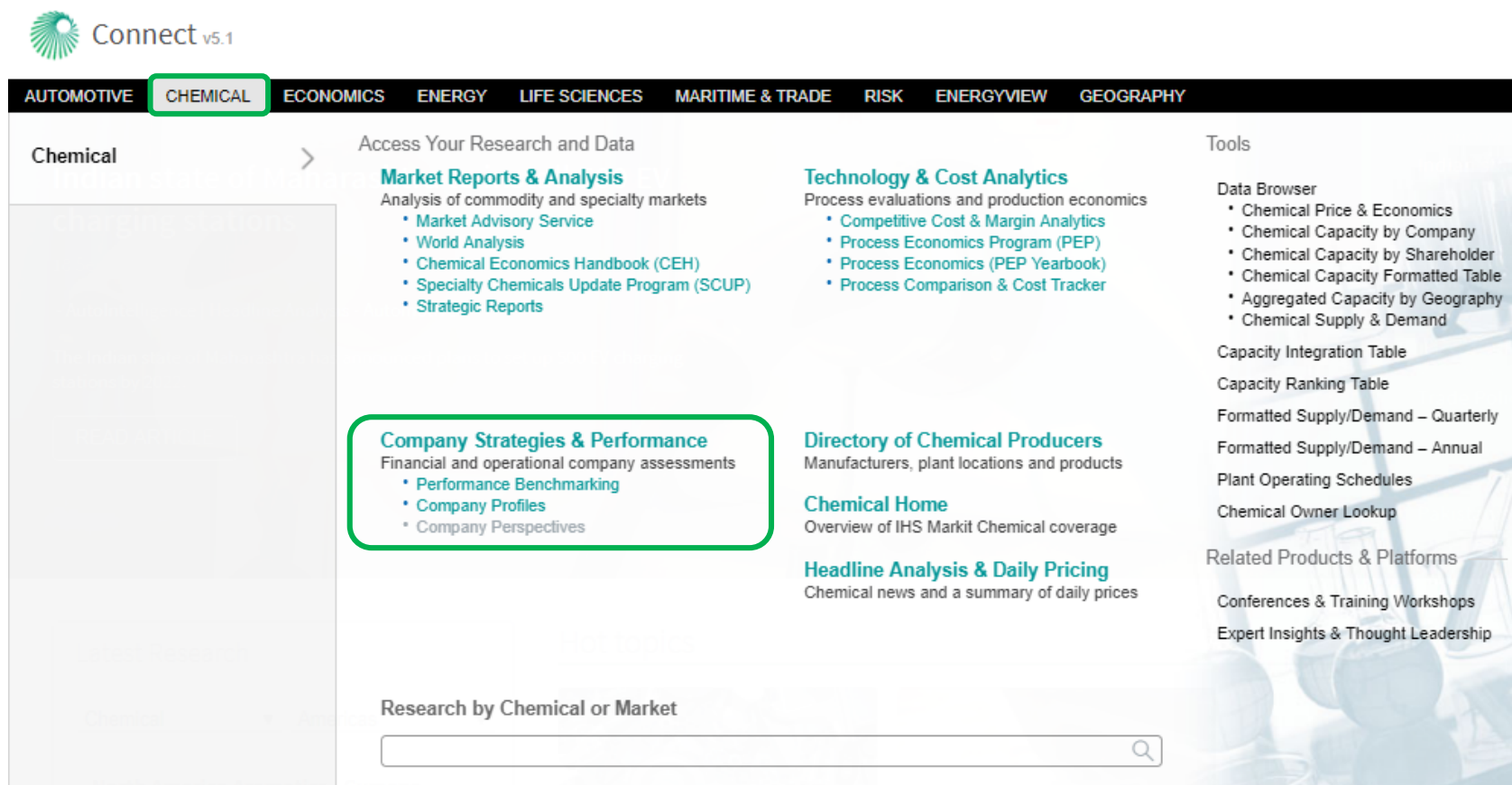


Company Strategies & Performance

Financial and Operational Company Assessments

Company Strategies & Performance Research Page Navigation

In Connect, hover over the **Chemical** menu > Click on **Company Strategies & Performance** to see all reports & data files.



The screenshot shows the IHS Markit Connect v5.1 interface. At the top, a navigation bar includes categories: AUTOMOTIVE, CHEMICAL (highlighted with a green box), ECONOMICS, ENERGY, LIFE SCIENCES, MARITIME & TRADE, RISK, ENERGYVIEW, and GEOGRAPHY. Below this, the 'Chemical' menu is expanded, showing a list of options. The 'Company Strategies & Performance' option is highlighted with a green box. The interface also features sections for 'Access Your Research and Data' (with sub-sections like Market Reports & Analysis, Technology & Cost Analytics, Directory of Chemical Producers, Chemical Home, and Headline Analysis & Daily Pricing) and 'Tools' (with sub-sections like Data Browser, Capacity Integration Table, Capacity Ranking Table, Formatted Supply/Demand, Plant Operating Schedules, Chemical Owner Lookup, and Related Products & Platforms). A search bar at the bottom is labeled 'Research by Chemical or Market'.

Connect v5.1

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

Chemical >

Access Your Research and Data

Market Reports & Analysis
Analysis of commodity and specialty markets

- Market Advisory Service
- World Analysis
- Chemical Economics Handbook (CEH)
- Specialty Chemicals Update Program (SCUP)
- Strategic Reports

Technology & Cost Analytics
Process evaluations and production economics

- Competitive Cost & Margin Analytics
- Process Economics Program (PEP)
- Process Economics (PEP Yearbook)
- Process Comparison & Cost Tracker

Company Strategies & Performance
Financial and operational company assessments

- Performance Benchmarking
- Company Profiles
- Company Perspectives

Directory of Chemical Producers
Manufacturers, plant locations and products

Chemical Home
Overview of IHS Markit Chemical coverage

Headline Analysis & Daily Pricing
Chemical news and a summary of daily prices

Tools

Data Browser

- Chemical Price & Economics
- Chemical Capacity by Company
- Chemical Capacity by Shareholder
- Chemical Capacity Formatted Table
- Aggregated Capacity by Geography
- Chemical Supply & Demand

Capacity Integration Table

Capacity Ranking Table

Formatted Supply/Demand – Quarterly

Formatted Supply/Demand – Annual

Plant Operating Schedules

Chemical Owner Lookup

Related Products & Platforms

Conferences & Training Workshops

Expert Insights & Thought Leadership

Research by Chemical or Market

Company Strategies & Performance Page Navigation

Company profiles, performance reports & data are organized within **service tabs** to instantly narrow down your search.

You are viewing Chemical Company Strategies and Performance research About this page

[All Chemical](#)
[Chemical Market & Industry Reports](#)
[Technology & Cost Analytics](#)
[Chemical Company Strategies and Performance](#)

[All Chemical Company Strategies and Performance](#)
[Performance Benchmarking](#)
[Company Profiles](#)
[Data & Tools](#)

Clear all

Refine results by:

Keyword

FILE TYPE:

Adobe PDF

Microsoft Excel

CONTENT TYPE:

Research & Analysis

Data

Profile

Scheduled Update

Title	Published	Files
Key Performance Indicators Dashboard	24 Oct 2018	
Mubadala (IPIC) Company Profile Archive	08 Oct 2018	
Annual Chemicals Performance Review Archive	26 Sep 2018	
TOTAL Company Profile Archive	25 Sep 2018	
Eni Company Profile Archive	03 Sep 2018	
BP Company Profile Archive	24 Aug 2018	
Chevron Phillips Company Profile Archive	23 Aug 2018	
Olin Company Profile	26 Jul 2018	
Asahi Glass Chemicals Company Profile	10 Jul 2018	
Sinopec Company Profile Archive	09 Jul 2018	
Shanghai Tian Yuan Company Profile	08 Jul 2018	
CNSIC Company Profile	09 Jul 2018	

Primary Tools

Chemical Capacity by Company

Chemical Capacity by Shareholder

Chemical Capacity Formatted Table

Capacity Integration Table

Capacity Ranking Table

Chemical Owner Lookup

Directory of Chemical Producers

Related Tools and Platforms

Research a Chemical or Market

Headline Analysis & Daily Pricing

Expert Directory

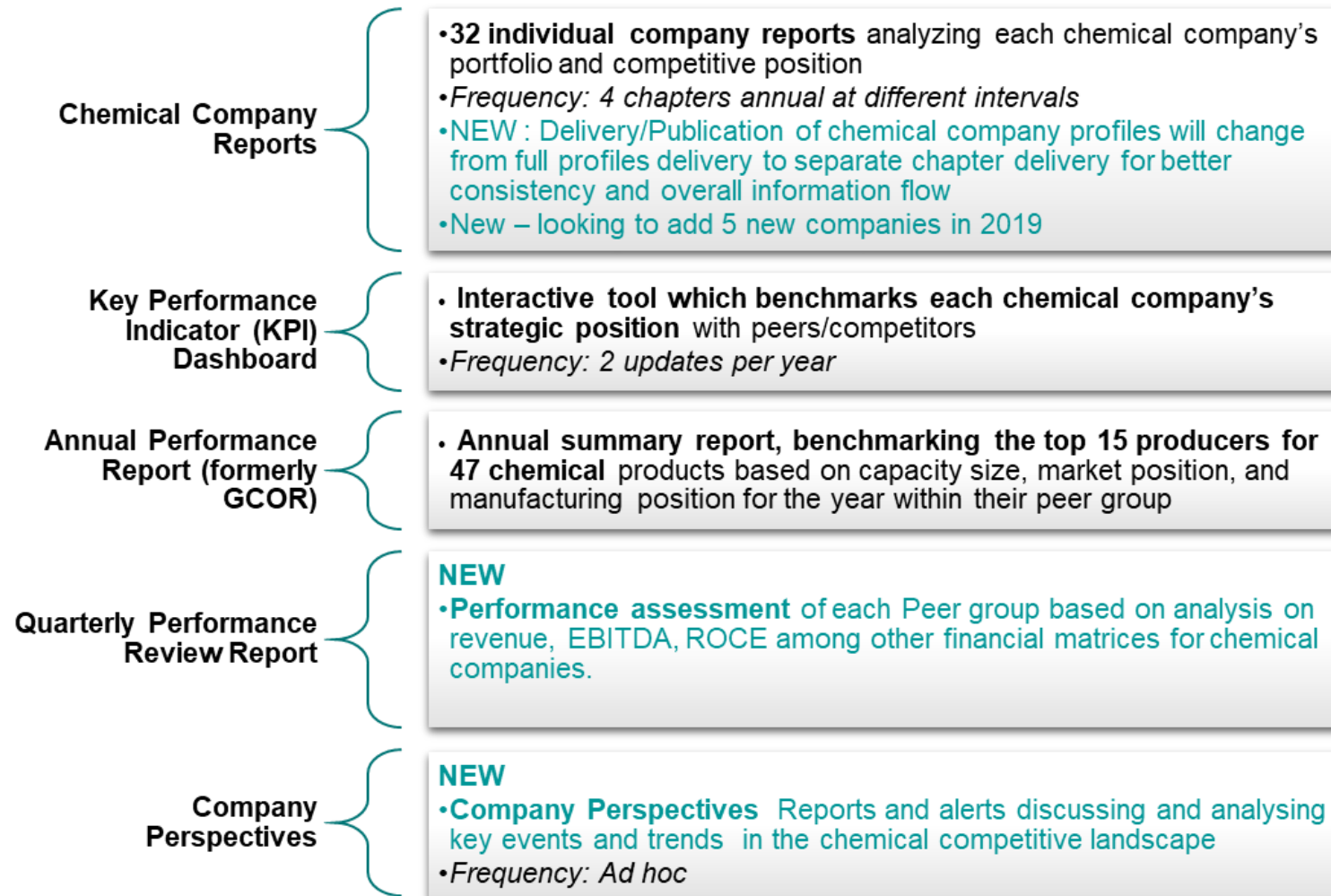
Saved Pages

Keyword search and relevant filter options.

Relevant Data tools, and other Resources.

View and access **files** quickly.

Company Strategies & Performance Deliverables



Companies Analyzed

Company Strategy and Performance (CSP) provides an in-depth comparative view of the strategic direction and financial position of the top 64 refining and chemical companies combined, globally.

AMERICAS

Chemicals

- Braskem
- ChevronPhillips Chemical Co
- DowDuPont
- ExxonMobil
- LyondellBasell
- Mexichem
- Occidental - OxyChem
- Olin
- Westlake Chemical

Refining

- Andeavor
- Chevron
- Citgo
- Delek
- ExxonMobil
- HollyFrontier
- Husky
- Marathon
- PBF Energy
- Petrobras
- Phillips 66
- Suncor
- Valero

EMEA

Chemicals

- AkzoNobel
- BASF SE
- BP
- ENI SpA
- INEOS
- Mubadala (IPIC)
- NPC-Iran
- Royal Dutch/Shell
- SABIC
- Saudi Aramco
- Total

Refining

- BP
- ENI SpA
- KPC
- Lukoil
- MOL
- OMV
- PKN Orlen
- Repsol
- Royal Dutch/Shell
- Saudi Aramco
- Total

APAC

Chemicals

- Asahi Glass Co.,
- China National Salt Industries
- CNPC
- Formosa
- Mitsubishi
- Petronas
- Reliance
- Shanghai Tian Yuan
- Shin-Etsu
- Siam Cement
- SINOPEC
- Sumitomo

Refining

- Indian Oil
- JXTG
- PetroChina
- Pertamina
- Petronas
- Reliance
- SINOPEC
- SK Energy

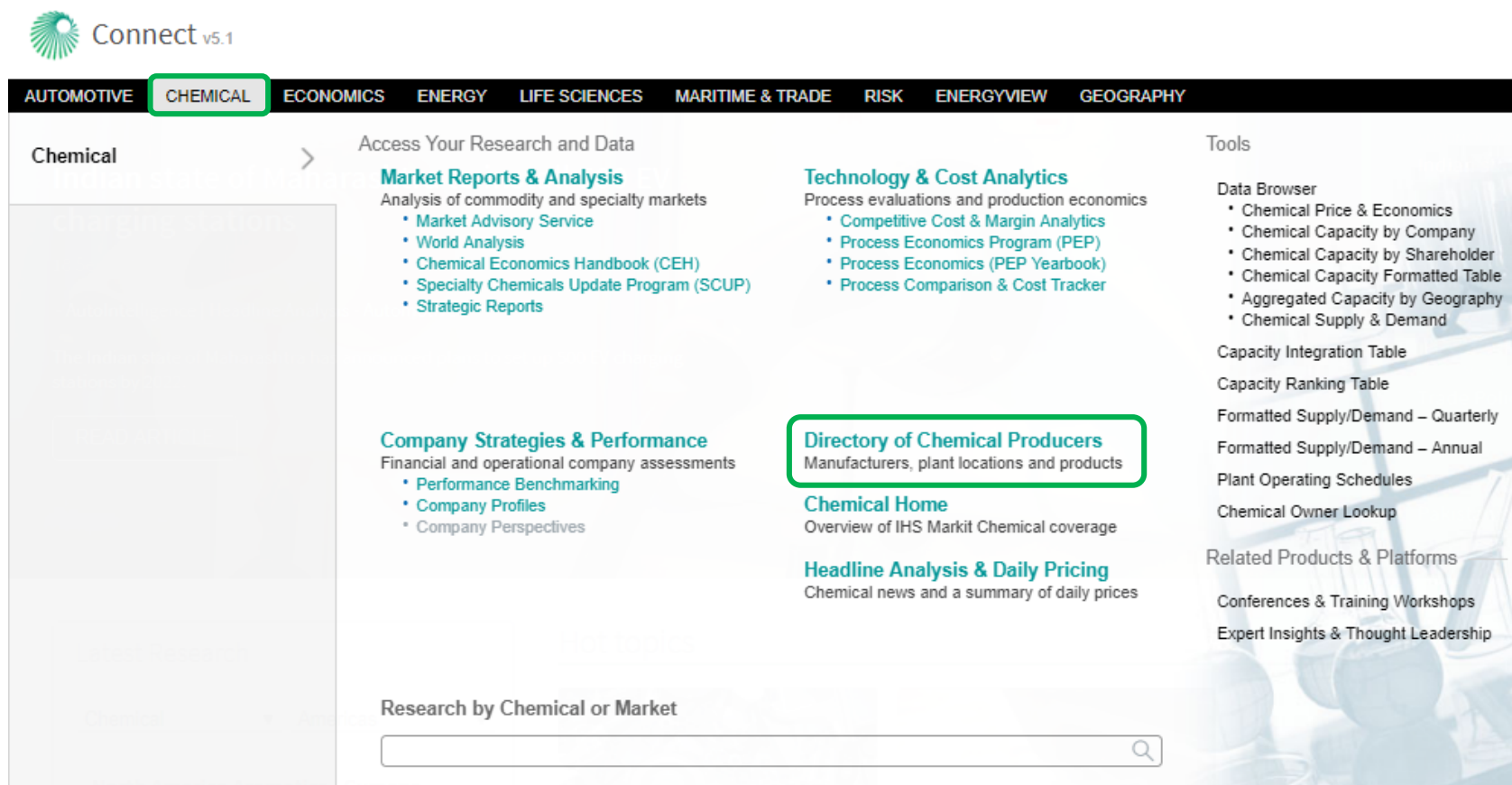
In 2019

Directory of Chemical Producers

Manufacturers, Plant Locations and Products

Directory of Chemical Producers Database Navigation

In Connect, hover over the **Chemical** menu > Click on **Directory of Chemical Producers** to access database.



The screenshot displays the IHS Markit Connect v5.1 interface. At the top, a navigation bar includes categories: AUTOMOTIVE, CHEMICAL (highlighted with a green box), ECONOMICS, ENERGY, LIFE SCIENCES, MARITIME & TRADE, RISK, ENERGYVIEW, and GEOGRAPHY. Below this, the 'Chemical' section is active, showing a sidebar with 'Chemical' and a main content area titled 'Access Your Research and Data'. The main area is divided into several sections:

- Market Reports & Analysis**: Analysis of commodity and specialty markets
 - Market Advisory Service
 - World Analysis
 - Chemical Economics Handbook (CEH)
 - Specialty Chemicals Update Program (SCUP)
 - Strategic Reports
- Company Strategies & Performance**: Financial and operational company assessments
 - Performance Benchmarking
 - Company Profiles
 - Company Perspectives
- Technology & Cost Analytics**: Process evaluations and production economics
 - Competitive Cost & Margin Analytics
 - Process Economics Program (PEP)
 - Process Economics (PEP Yearbook)
 - Process Comparison & Cost Tracker
- Directory of Chemical Producers** (highlighted with a green box): Manufacturers, plant locations and products
- Chemical Home**: Overview of IHS Markit Chemical coverage
- Headline Analysis & Daily Pricing**: Chemical news and a summary of daily prices

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

- Data Browser
 - Chemical Price & Economics
 - Chemical Capacity by Company
 - Chemical Capacity by Shareholder
 - Chemical Capacity Formatted Table
 - Aggregated Capacity by Geography
 - Chemical Supply & Demand
- Capacity Integration Table
- Capacity Ranking Table
- Formatted Supply/Demand – Quarterly
- Formatted Supply/Demand – Annual
- Plant Operating Schedules
- Chemical Owner Lookup

Below the tools, there is a 'Related Products & Platforms' section with:

- Conferences & Training Workshops
- Expert Insights & Thought Leadership

At the bottom of the main content area, there is a search bar labeled 'Research by Chemical or Market' with a magnifying glass icon.

Directory of Chemical Producers

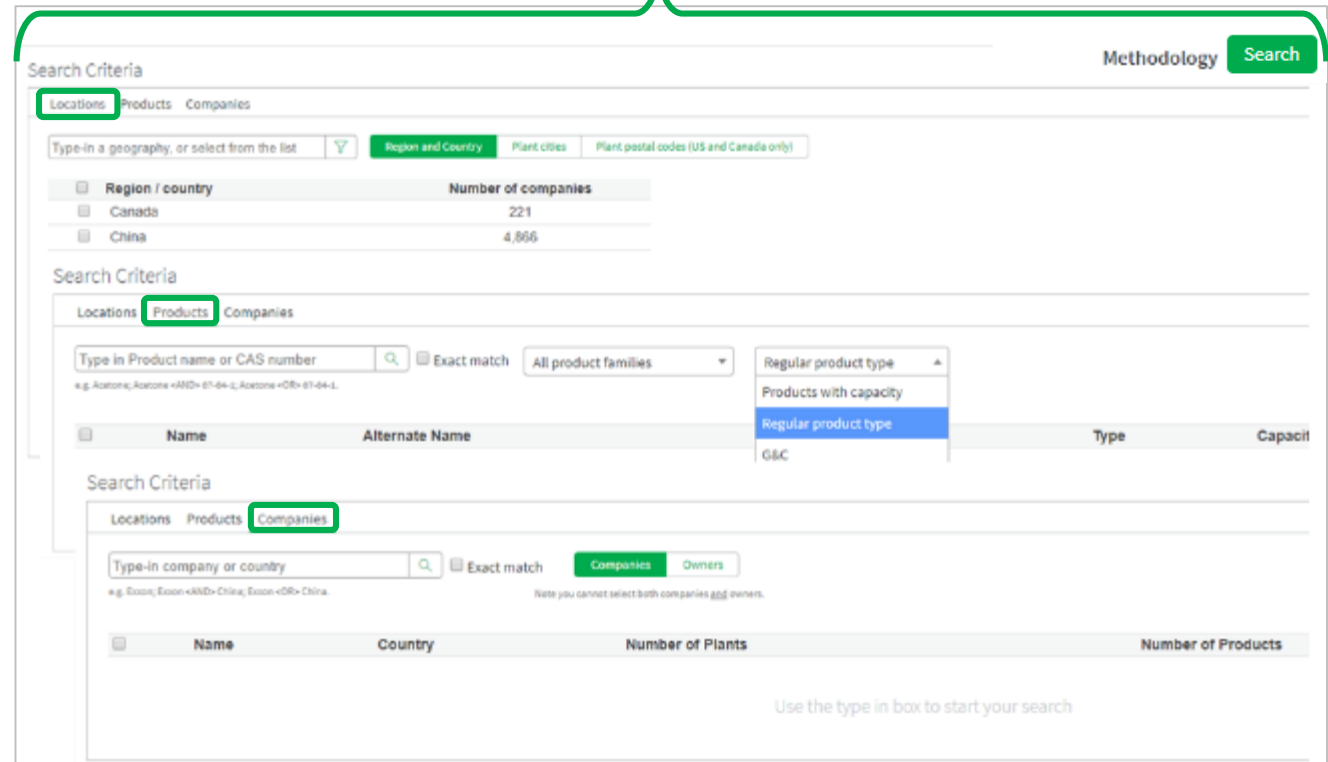
In Connect, hover over the **Chemical** menu > Click on **Directory of Chemical Producers** to access database.

- Published continuously for more than 50 years
- Backed by an annual survey of chemical manufacturers, market studies and other sources

Coverage of:

- More than 15,000 chemical manufacturing companies
- Over 20,000 chemical manufacturing sites in more than 90 countries
- Over 21,500 specific chemical products, extensively cross-referenced
- 15,000 CAS Numbers
- 250 Chemicals with plant by plant capacity data
- Company Ownership
- Advanced Search Capabilities

Data can be queried by **Location, Products or Companies**. Select your criteria then click **Search** to view results.



The screenshot displays three search criteria sections in a web interface:

- Locations:** Features a search bar with a dropdown menu for "Region and Country". Below it is a table showing the number of companies in different regions.

Region / country	Number of companies
Canada	221
China	4,866
- Products:** Features a search bar for "Type in Product name or CAS number" with an "Exact match" checkbox and a dropdown for "All product families". A dropdown menu for "Regular product type" is open, showing options like "Products with capacity" and "Regular product type". Below is a table with columns: Name, Alternate Name, Type, and Capacity.

Name	Alternate Name	Type	Capacit
		G&C	
- Companies:** Features a search bar for "Type-in company or country" with an "Exact match" checkbox and dropdowns for "Companies" and "Owners". Below is a table with columns: Name, Country, Number of Plants, and Number of Products.

Name	Country	Number of Plants	Number of Products
------	---------	------------------	--------------------

My Connect

Email alert options and your saved research.

My Connect

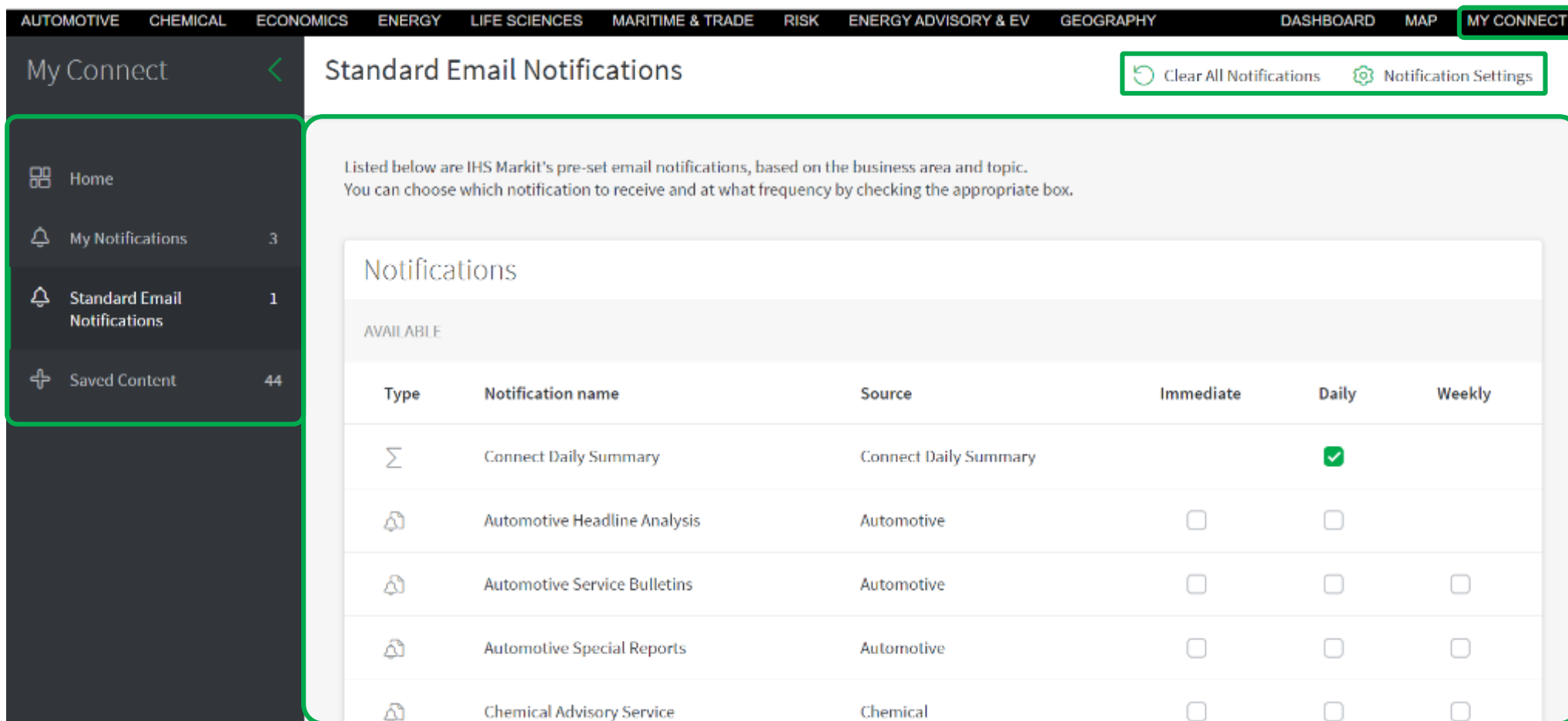
Click on **My Connect** in the black menu bar to manage **Email Notifications** and retrieve **Saved Content**.

Home: View your selected notifications and latest saved content.

My Notifications: View your selected email notifications by type (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.



The screenshot shows the 'My Connect' interface with a top navigation bar containing categories like AUTOMOTIVE, CHEMICAL, ECONOMICS, ENERGY, LIFE SCIENCES, MARITIME & TRADE, RISK, ENERGY ADVISORY & EV, GEOGRAPHY, DASHBOARD, MAP, and MY CONNECT. The 'MY CONNECT' tab is highlighted. Below the navigation bar, the 'Standard Email Notifications' page is displayed. It includes a left sidebar with 'My Connect' and a list of options: Home, My Notifications (3), Standard Email Notifications (1), and Saved Content (44). The main content area shows a table of available notifications with columns for Type, Notification name, Source, Immediate, Daily, and Weekly. The 'Connect Daily Summary' notification is selected with a checkmark in the Daily column.

Type	Notification name	Source	Immediate	Daily	Weekly
Σ	Connect Daily Summary	Connect Daily Summary		<input checked="" type="checkbox"/>	
	Automotive Headline Analysis	Automotive	<input type="checkbox"/>	<input type="checkbox"/>	
	Automotive Service Bulletins	Automotive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Automotive Special Reports	Automotive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Chemical Advisory Service	Chemical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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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Mon. to Fri. 0800 to 1800 MYT (GMT +8hrs)
Email: customer care@ihsmarkit.com