

# Argus report sample

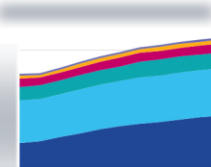
## Benzene Analytics

July 2024

### Global supply

As investments continue in [redacted], refinery-integration projects elsewhere are being paused or cancelled. The threat posed by broad [redacted] implementation is palpable but now thought less likely.

Global supply by source



Global supply by region



- Benzene recovery from [redacted] accounts for [redacted] of global production growth to 2032. This includes not only benzene recovery from [redacted]: also conversion of [redacted] streams.
- Benzene recovery from [redacted] has been declining in importance with less than [redacted] of 10-year production growth being derived from expansion in [redacted] output.
- Benzene production from [redacted] primarily in China, still has huge merchant capacity. Less than [redacted] of the next decade's production growth will come from [redacted] feedstock as environmental constraints cap operations.
- Close to [redacted] of global benzene production now comes from [redacted]. Almost all production growth is happening in the same areas of the world.

Copyright © 2024 Argus Media group. All rights reserved. 9

### Northeast Asia: Key updates

China is to remain the largest volumes of benzene as [redacted] suffer. South Korea is [redacted].

#### Key Market Changes

Supply	Demand	Trade
Operating rates in China are now being pulled [redacted] by ample [redacted] capacity, especially in [redacted]. Significant new production capability has been absorbed, with operating rates running at [redacted] levels.	Significant new [redacted] capacity in China is supporting consumption but intense competition is also driving some rationalization in [redacted] capacity in traditional [redacted]; countries like [redacted].	With increasing [redacted] operating rates in China, [redacted] imports have not [redacted] as much as expected. The outlook for imports is stable but it is more in [redacted] where the trade battles are being waged.

**China:** Calls for [redacted] on benzene have been premature as [redacted] expansions are [redacted] new production output.

**Taiwan:** Benzene production output will see some [redacted] as [redacted] margins [redacted] but consumption will also [redacted].



**South Korea:** South Korea is expected to maintain record high [redacted] exports as [redacted] are driven lower by competition.

**Japan:** Japan's [redacted] of its petrochemical capabilities is well underway as [redacted] have suffered intense international competition.



Copyright © 2024 Argus Media group. All rights reserved. 16



# About this report

Argus Benzene Analytics is a data-driven evaluation of supply-demand fundamentals forecasts for butadiene markets, published twice a year.

The service includes a 10-year forecast and five-year history covering balances and capacities, organized by country and region.

In this sample, we share insights from North America and Northeast Asia.

Subscribers receive a PowerPoint PDF written by our experts plus the accompanying Excel data files.

To find out more, [click here to get in touch.](#)



# Key features



**10-year forecast and a five-year history**  
Covering capacities, supply and demand, trade, and feedstock forecasts for leading derivatives, by country and region, published twice a year.



**Detailed report**  
In an easy-to-read PowerPoint format focusing on new plant capacities, growth rates in relevant markets, and regulatory developments.



**Regional insight**  
Covering capacities and operating rates based on global trade and economics.



**Downloadable datasets**  
With data on supply, demand, capacities, operating rates and trade balances, by country and region.



**Access to specialists**  
Speak to the experts behind Argus' long-term analytics forecast services.

# Associated Data

## Global and Region Capacity, Production, and Company Specific Data

Subscription includes detailed Excel downloads

Capacity to produce benzene													Capacity to consume benzene					Net
Region	Country	Company	Location	Coal	Disp.	HDA	MSTDP & MTPX	PyGas	Reformer	ALBZ	Aniline NB	Cyclo	CLBZ & Other	Cumene / Phenol	EB/SM	Maleic Anhy.	Net	
North America	Canada	CEPSA	Becancour							51							-51	
North America	Canada	Imperial Oil	Sarni															
North America	Canada	INEOS Styrolution	Sarni															
North America	Canada	Nova Chemicals	Sarni															
North America	Canada	ParaChem	Mess															
North America	Canada	Shell Chemicals																
North America	Canada	Shell Chemicals																
North America	Canada	Suncor																
North America	Canada	Suncor																
North America	Mexico	Clorobencenos																
North America	Mexico	Pemex																
North America	US	Americas Styrenics																
North America	US	Ascend Performance Materials																
North America	US	BASF																
North America	US	Chevron Phillips Chemical																
North America	US	Chevron Phillips Chemical																
North America	US	Chevron Phillips Chemical																
North America	US	Citgo																
North America	US	Citgo																
North America	US	Citgo																
North America	US	Cos-Mar																
North America	US	Covestro																
North America	US	Delek Refining																

World benzene supply and demand balance, '000t																	
		Historical			Estimate		Outlook										
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2018-2027
<b>Capacity</b>																	
Coal																	
HDA																	
MSTDP & MTPX																	
PyGas																	
Reformer																	
TDP																	
<b>Total capacity</b>																	
<b>Production</b>																	
Coal																	
HDA																	
MSTDP & MTPX																	
PyGas																	
Reformer																	
TDP																	
<b>Total production</b>																	
Operating Rate																	
<b>Total supply</b>		4															
<b>Derivative Capacity (Benzene)</b>																	

>>Want to see more data?  
Get in touch today.



**Executive Summary**

**Global capacities, production and demand**

**Regional summaries**

**North America**

**Western Europe**

**Middle East**

**Northeast Asia**

**Southeast Asia**

**Appendix**



# Executive Summary

\_\_\_\_\_ margins will continue to \_\_\_\_\_ operating rates and prompt more \_\_\_\_\_ in traditional aromatics recovery complexes.

- This is a light refresh of the *Benzene Analytics* that was previously published in January 2024. It incorporates any known changes to capacities, production, planned projects, as well as updated GDP figures used to model derivative end-use demand. As more accurate production and trade data for 2023 has become available, a complete update to the balances is now being undertaken and will be published later in 2024.
- Most of the benzene produced in 2023 was rec\_\_\_\_\_ erived from \_\_\_\_\_
- \_\_\_\_\_ represent not only the majority source of current benzene supply but will also be the overwhelming source of \_\_\_\_\_ over the next decade. This is primarily driven by the need to expand \_\_\_\_\_ supply to meet future demand for \_\_\_\_\_ rather than a need to make \_\_\_\_\_
- Benzene supply growth will therefore continue to be led by its \_\_\_\_\_ and as a co-product of \_\_\_\_\_ and \_\_\_\_\_. These streams can be converted using various conversion technologies, but more and more production growth is coming from \_\_\_\_\_ which are configured to maximize \_\_\_\_\_ barrel of crude oil feed.
- With \_\_\_\_\_ being the driver of modern aromatics complexes, \_\_\_\_\_ : capability comes second, and as a result, \_\_\_\_\_ supply growth from conversion tends to lag \_\_\_\_\_. Average \_\_\_\_\_ yields from \_\_\_\_\_ are expected to continue to fall as the boundaries of scale and \_\_\_\_\_ are pushed farther and farther. These \_\_\_\_\_ also include most of the slated \_\_\_\_\_. It is unlikely that the capabilities of the c\_\_\_\_\_ and \_\_\_\_\_ units will be expanded.
- On-purpose \_\_\_\_\_ production, mostly from \_\_\_\_\_ continues its decline. As capacity falls by the wayside, so the rate of decline is inevitably slowing.

## **Executive Summary**

## **Global capacities, production and demand**

## **Regional summaries**

**North America**

**Western Europe**

**Middle East**

**Northeast Asia**

**Southeast Asia**

Data is available for download here:  
Balances  
Company Balances  
Capacities

## **Appendix**

# Global capacities update

capacity closures occurred in in 2022-23, as exports struggled in a very competitive marketplace. This trend will continue as more plants come online in

## Key project updates

Country	Operating Company	Update
India		Around of benzene capacity is slated to be added at the sites between 2027 and 2030, together with by during 2025.
China		Rapid and material expansion of capacity in China continues, with 2024 adding another of net annual production capability. Further expansions are slated through with little announced, as of yet, resulting from the planned focus on reducing from older, less efficient plants.
Korea		The closure in 2024 of builds on the decision a couple of years ago to rationalize E capacity at I. Korea is now a net importer of.
Canada		has announced the planned closure of the operation by mid-2026.
Japan		The closure of has been announced to take place by the end of fiscal 2026.

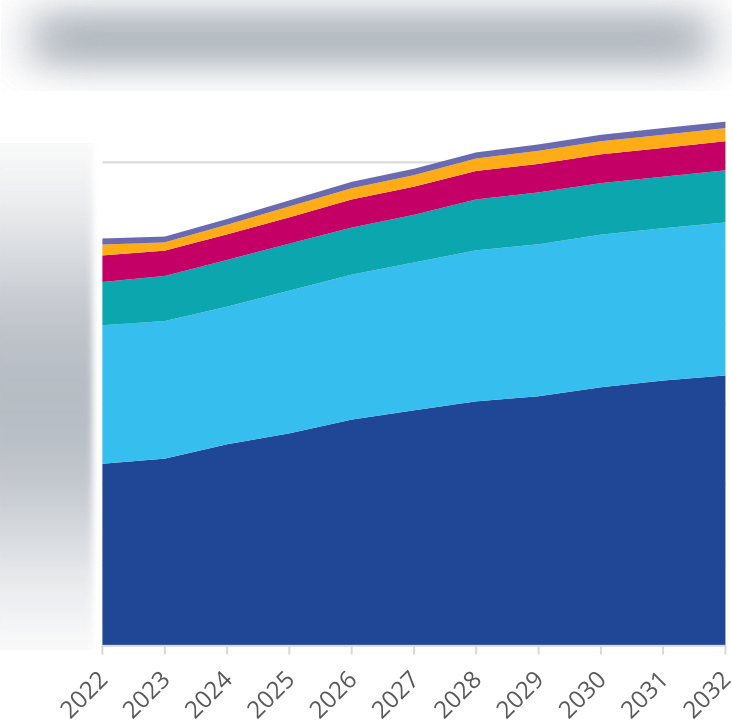
- From a capacity perspective, the closure of the is now complete.
- A slowing investment rate in capacity (due to recent overbuilding) has caused a corresponding slowdown in capacity expansion and production growth.
- Argus maintains a practice of removing specific units from the aromatics production fleet due to a prolonged dormancy and/or a lack of viable feedstock.



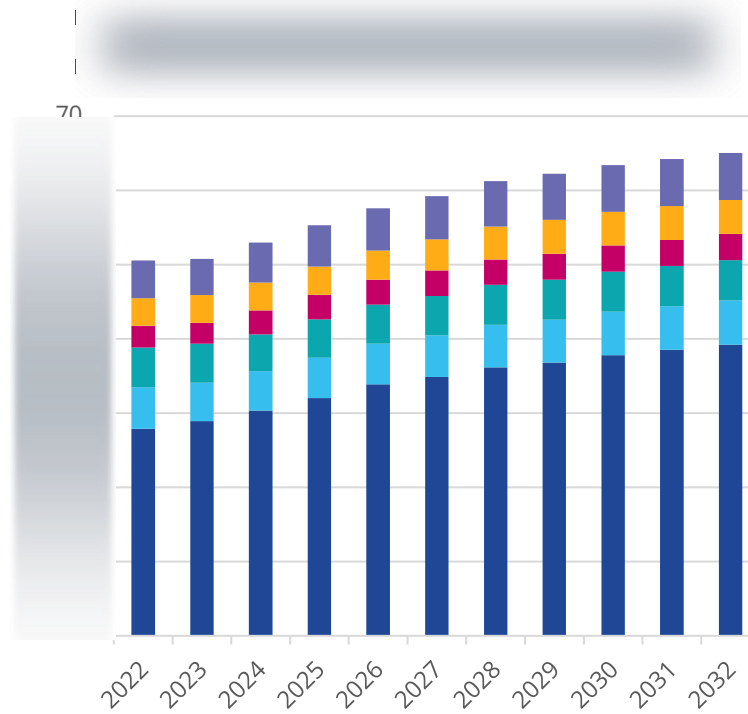
# Global supply

As [redacted] investments continue in [redacted], [redacted] refinery-integration projects elsewhere are being paused or cancelled. The threat posed by broad [redacted] implementation is palpable but now thought less likely.

Global supply by source



Global supply by region

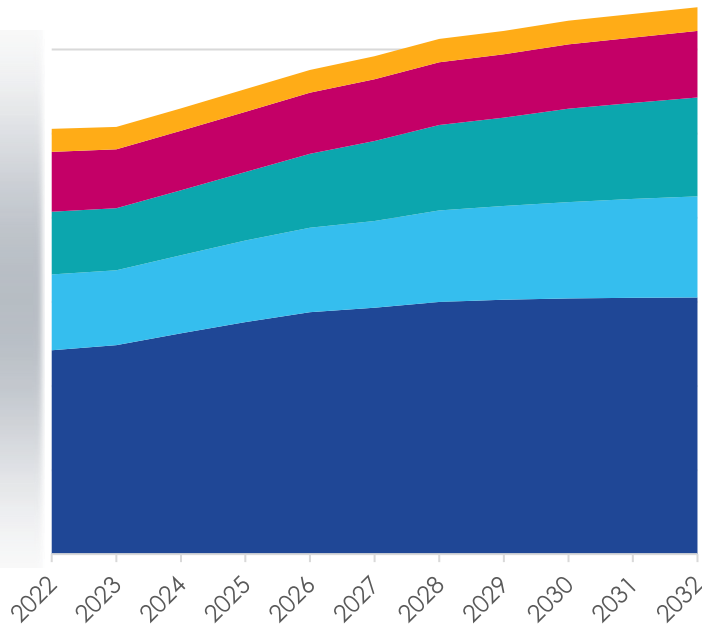


- Benzene recovery from [redacted] accounts for [redacted] of global production growth to 2032. This includes not only benzene recovery from [redacted]: also conversion of [redacted] streams.
- Benzene recovery from [redacted] has been declining in importance with less than [redacted] of 10-year production growth being derived from expansion in [redacted] output.
- Benzene production from [redacted] primarily in China, still has huge merchant [redacted]. Less than [redacted] of the next decades' production growth will come from [redacted] feedstock as environmental constraints cap operations.
- Close to [redacted] of global benzene production now comes from [redacted]. Almost all production growth is happening in the same areas of the world.

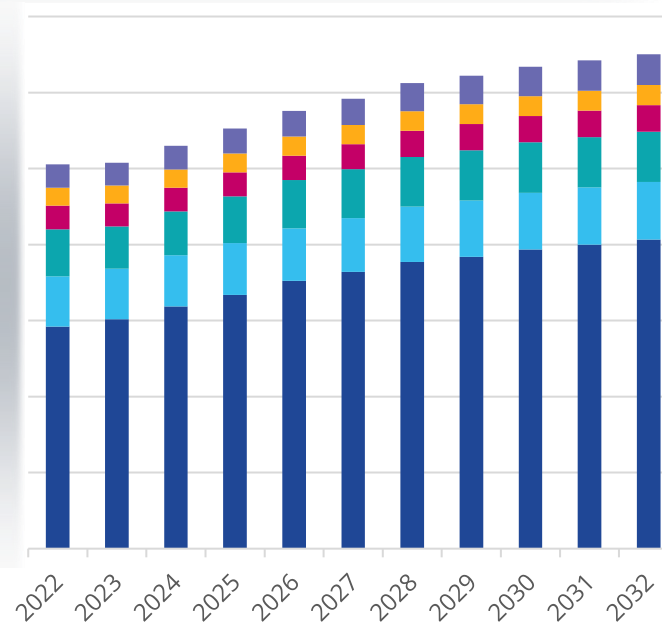
# Global demand

A huge investment cycle in capacity, mostly in Asia, has suppressed margins across the spectrum. The threat to western markets is in the form of waves of imports

Global demand by derivative



Global demand by region



- Global ( ) demand continues to lag GDP and Chinese import volume is in decline. Net benzene consumption growth into will account for less than of the global total growth.
- is the fastest growing benzene derivative, but consumption growth is slowing in a higher loan-cost environment.
- An investment cycle has propped up consumption growth, but growth rates are now slowing. represents just under of net consumption growth as supported by significant investment in and . This growth will steadily slow as the new capacity is integrated into the market.
- A more specialty orientated industry in the west is now being increasingly supplied with to the detriment of local consumption. Overall global benzene consumption growth into is less than of the total.
- Almost all net consumption growth is concentrated . Consolidation in the Atlantic Basin will continue as net derivative are almost completely

## **Executive Summary**

## **Global capacities, production and demand**

## **Regional summaries**

**North America**

**Western Europe**

**Middle East**

**Northeast Asia**

**Southeast Asia**

Data is available for download here:  
Balances  
Company Balances  
Capacities

## **Appendix**

# North America: Key updates

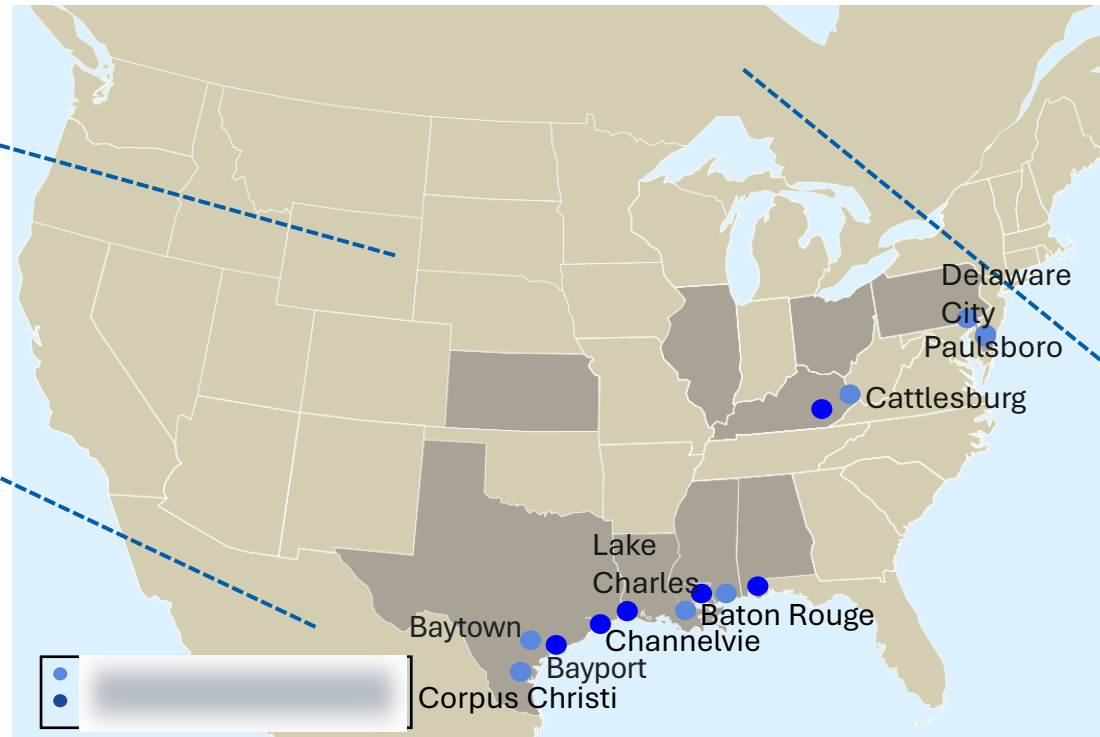
North America continues to rely on [redacted] but its consumption and [redacted] are slowly being eaten away by [redacted] in the international arena.

## Key Market Changes

Supply	Demand	Trade
<p>Benzene supply has hit [redacted] due to reduced availability of feedstock [redacted], plus [redacted] alternative values for [redacted] in the gasoline pool.</p>	<p>US styrene monomer [redacted] are critical to benzene [redacted] as more SM is [redacted] than [redacted] within north America. High benzene [redacted] have reduced US competitiveness.</p>	<p>[redacted] exports out of [redacted] has left US buyers to search further afield, but the announced closure of some [redacted] capacity in Canada could change that.</p>

**US:** The US has a long-standing [redacted] position on benzene, requiring net [redacted] well over [redacted]. The net [redacted] position has been in decline as US derivative [redacted] lack any real competitive advantage.

**Mexico:** Like in many other petrochemical value chains, Mexico has [redacted] as both a producer and consumer of benzene. This [redacted] is unlikely to change course within the forecast period.

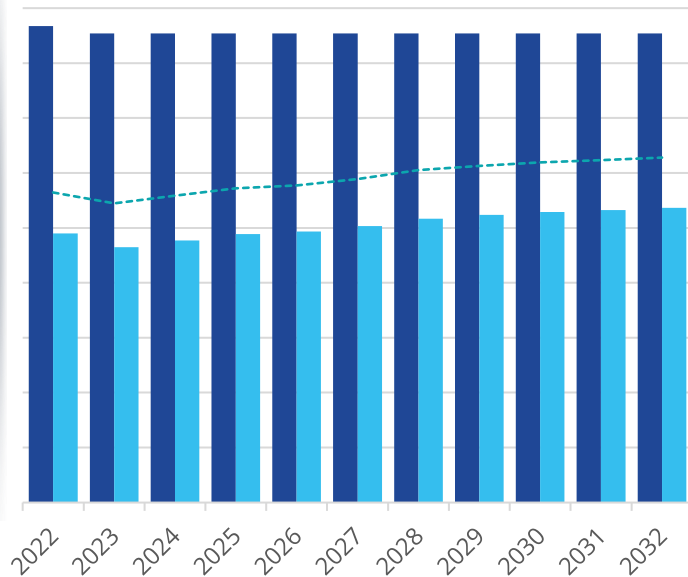


**Canada:** [redacted] benzene output is limiting exports from the [redacted] and adding to imports into the [redacted]. Domestic consumption has been erratic at times due to maintenance and unplanned outages. The announced closure of the [redacted] plant in [redacted] by 2026 will shift the balances once again.

# North America supply/demand

The region is dependent on benzene **to feed its exports. Consumption has been hampered by , erratic reliability, and**

US Benzene Production

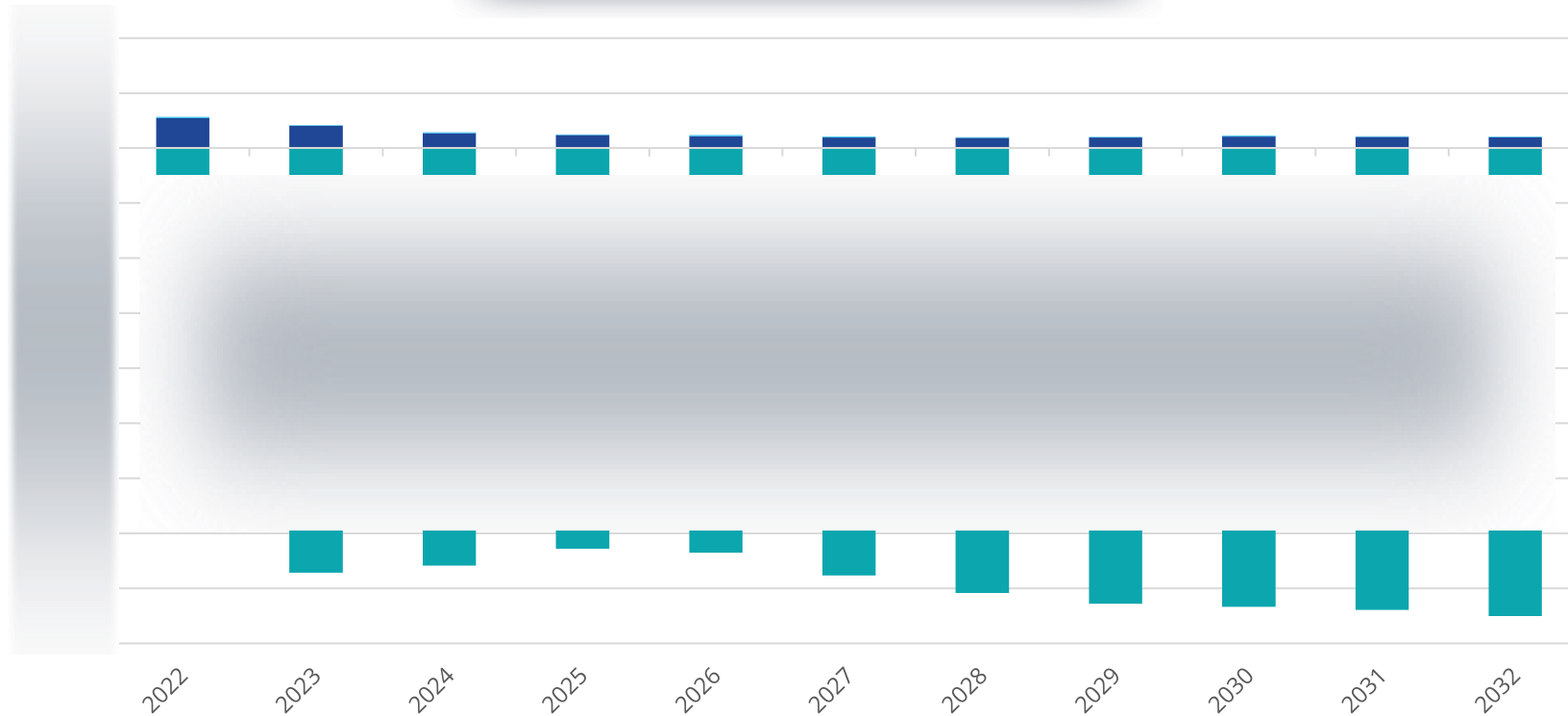


- Benzene production **has been in decline as refineries close and process mostly**. The US dominates the region with near **of capacity to produce and near-** of all production output.
- North American benzene **has been in steady decline for some years due to reduced availability of feedstock** as **process mostly**. In recent years, higher alternative values for **in gasoline** have further reduced output. This is impacting both benzene production and the competitiveness of the primary derivatives. Benzene production is primarily sourced from **, and recently costs have been high. US supply has been impacted by ongoing net rationalization of its** as some refineries close, and expansions are typically for processing **with low** yields.
- Imports of benzene have been hampered by logistical challenges in the Panama Canal and via the Suez Canal. Charter costs have been extraordinarily high, further reducing competitiveness of **in the export markets.**
- Domestic benzene **is seeing little underlying**. There has been rationalization in some **and new projects are having difficulty getting over the line due to more permitting challenges and high major project costs.**
- Poor **export performance has been partially compensated for with sales of** into gasoline, but high benzene costs are now pricing EB out of contention.
- Consumption into **has also been supplemented by some blending into gasoline but this is** Underlying growth is lackluster and slowing. The phenol expansion at **near** remains paused.

# North America trade

The availability of local regional benzene to meet the US net need has been forcing buyers to look This is adding to and

Net Trade by Country



- The US is most of its benzene from and this has added cost and risk at the worst possible time. Shipping disruptions and freight costs have been at unprecedented levels, and costs are expected to remain elevated.
- Mexico will continue to be a contributor to regional benzene trade, with being the major movers.
- Traditionally Canada has been an of both benzene and some of its . This has changed in recent years as alternative values for gasoline have increased and benzene output has Feed benzene has been increasingly imported into the from the US and but this will change post 2026.



## **Executive Summary**

## **Global capacities, production and demand**

## **Regional summaries**

**North America**

**Western Europe**

**Middle East**

**Northeast Asia**

**Southeast Asia**

Data is available for download here:  
Balances  
Company Balances  
Capacities

## **Appendix**

# Northeast Asia: Key updates

China is to remain the largest volumes of benzene as benzene in the world, while South Korea is suffer.

## Key Market Changes

### Supply

Operating rates in China are now being pulled down by ample capacity, especially in Shandong. Significant new production capability has been absorbed, with operating rates running at 70-80% levels.

### Demand

Significant new capacity in China is supporting consumption but intense competition is also driving some rationalization in capacity in traditional markets; countries like South Korea.

### Trade

With increasing operating rates in China, benzene imports have not increased as much as expected. The outlook for benzene imports is stable but it is more in flux where the trade battles are being waged.

### China:

Calls for expansion on benzene have been premature as capacity expansions are outpacing new production output.

### Taiwan:

Benzene production output will see some increase as margins improve but consumption will also increase.

### South Korea:

South Korea is expected to maintain record high benzene exports as margins are driven lower by competition.

### Japan:

Japan's expansion of its petrochemical capabilities is well underway as margins have suffered intense international competition.

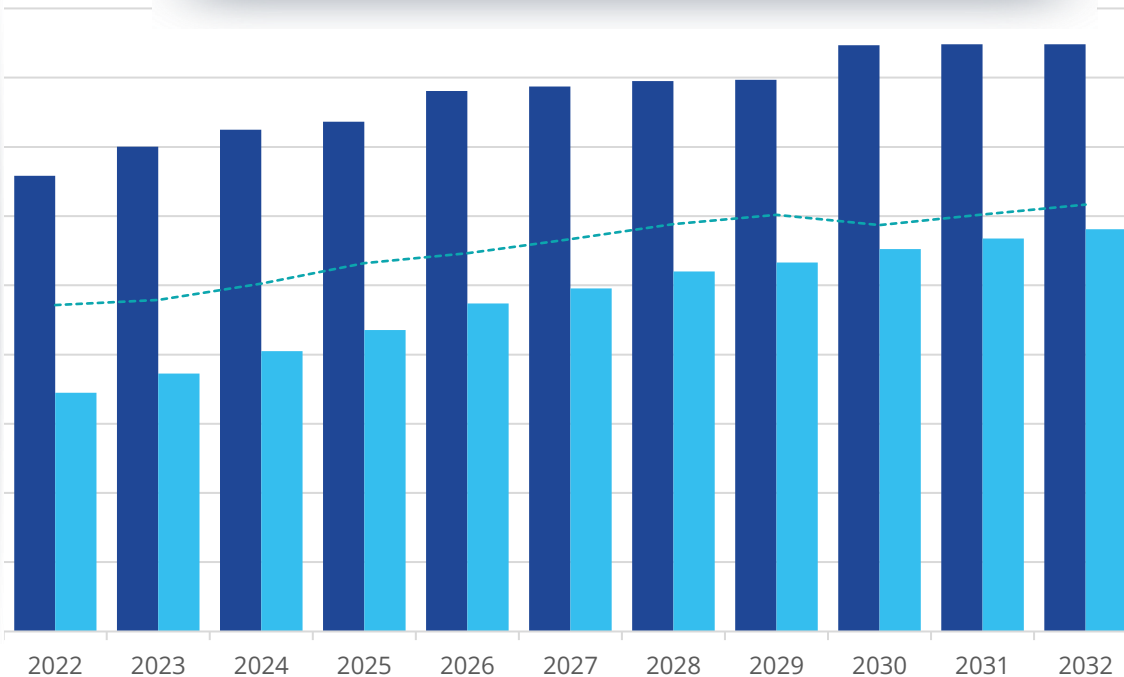


# China supply

The window of opportunity for large-scale obvious and new projects are expected to remain somewhat limited.

investments is becoming less

China Benzene Summary



- Investments in large-scale [redacted] are expected to be somewhat limited, as the increments of capacity have become vast. Tie-ups between [redacted] and integrated chemical and polymer producers however will remain attractive as a strategy for integrated cost competitiveness and [redacted]
- New [redacted] investments in China continue to add to [redacted] supply, although there are several [redacted] projects in the mix. Most all of the [redacted] projects will have associated benzene recovery.
- The Chinese government's regulation to limit [redacted] export and environmental policies mean that new incremental petrochemical producing units should be followed with [redacted] facilities. Some provincial administrations, however, are still fostering [redacted] as a way of side-stepping the risk of [redacted]
- More firms are also taking carbon footprint and [redacted] account in new [redacted] investments. While carbon tax or similar cost regimes in Asia-Pacific remain sporadic in some countries and non-existent in others, companies are generally cognizant of its potential introduction further down the road.
- Outside of China, investments in new [redacted] units in NE Asia are expected to be very limited.

# Northeast Asia demand

Many new-build projects have [redacted], with most capacity-pressure being felt in the [redacted]

Demand by Country mn t/yr

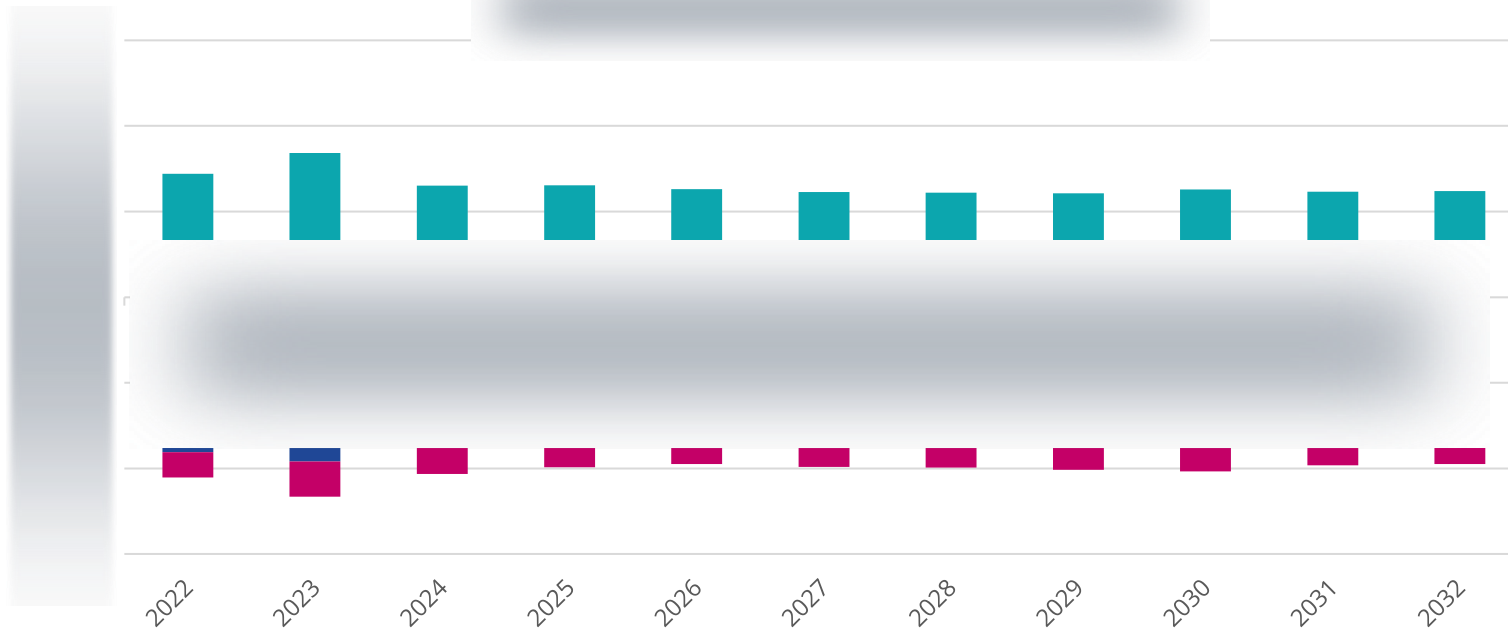


- Plentiful investment in [redacted]; acting to pass the pressure of excess [redacted] along to the [redacted] markets, rather than directly into the [redacted] merchant marketplace.
- Accordingly, benzene operating rates in the region are expected to [redacted] between now and 2032, although this will undoubtedly [redacted] as new projects are [redacted]. The regional average however masks a disparity between the [redacted] of traditional [redacted] countries in Asia, and net [redacted].
- [redacted] the traditional benzene [redacted] will face a different picture. With rising [redacted] rates in China, benzene [redacted] will likely [redacted], increasing competition and compressing margins. Some rationalization of export-orientated capacity is anticipated.
- [redacted] for benzene is [redacted]; in the short-term, as the Chinese economy struggles to reinstate consistent growth. This is holding back [redacted] growth as the primary beneficiary outside of China. [redacted] of benzene producing units in [redacted] are hence expected to struggle to reach pre-Covid levels even by [redacted].

# Northeast Asia Trade

China remains unlikely to become a net exporter, due to the focus on maximizing production growth. Imports should remain stable, but with increased competition from the region.

Net Trade by Country Mn t/yr



- With increasing production in China, benzene imports are expected to decrease between 2024 and 2032. The region remains elusive as production remains the priority in terms of product yields.
- The region also traditionally a net exporter of benzene with nearly 10 Mn t/yr likely during 2023. With the continued start-up of new units in China, the region's position is however under threat. The country's benzene needs are expected to become increasingly sensitive to margin performance, with units becoming more sensitive to margin performance.
- The region is expected to remain as the region's primary position as an exporter will likely diminish with increasing consolidation of its petrochemical capabilities. Some rationalization is also anticipated as competition for production builds.
- Production outside of the region will remain stable in nature, especially if shipping costs remain elevated as expected.

# We hope you found this sample report for Argus Benzene Analytics valuable.

The Argus Benzene Analytics service is for anyone engaged in the benzene market and seeking insight into the fundamentals driving key trends, including global supply, demand growth, trade, operating rates, etc.

If you want to learn more about becoming an Argus subscriber and receiving full PDF reports complete with accompanying Excel data files twice a year, click below:

**> Find out more**



# | Argus Media group notices

- The Argus Media group (referred to herein as “Argus”) makes no representations or warranties or other assurance, express or implied, about the accuracy or suitability of any information in this presentation and related materials (such as handouts, other presentation documents and recordings and any other materials or information distributed at or in connection with this presentation).
- The information or opinions contained in this presentation are provided on an “as is” basis without any warranty, condition or other representation as to its accuracy, completeness, or suitability for any particular purpose and shall not confer rights or remedies upon the recipients of this presentation or any other person. Data and information contained in the presentation come from a variety of sources, some of which are third parties outside Argus’ control and some of which may not have been verified.
- All analysis and opinions, data, projections and forecasts provided may be based on assumptions that are not correct or which change, being dependent upon fundamentals and other factors and events subject to change and uncertainty; future results or values could be materially different from any forecast or estimates described in the presentation.
- To the maximum extent permitted by law, Argus expressly disclaims any and all liability for any direct, indirect or consequential loss or damage, claims, costs and expenses, whether arising in negligence or otherwise, in connection with access to, use or application of these materials or suffered by any person as a result of relying on any information included in, or omission from, this presentation and related materials or otherwise in connection therewith.
- The information contained in this presentation and related materials is provided for general information purposes only and should not be construed as legal, tax, accounting or investment advice or the rendering of legal, consulting, or other professional services of any kind. Users of these materials should not in any manner rely upon or construe the information or resource materials in these materials as legal, or other professional advice and should not act or fail to act based upon the information in these materials.
- Copyright notice: Copyright © 2024 Argus Media group. All rights reserved. All intellectual property rights in this presentation and the information herein are the exclusive property of Argus and and/or its licensors and may only be used under licence from Argus. Without limiting the foregoing, you will not copy or reproduce any part of its contents (including, but not limited to, single prices or any other individual items of data) in any form or for any purpose whatsoever without the prior written consent of Argus.
- Trademark notice: ARGUS, the ARGUS logo, Argus publication titles, the tagline “illuminating the markets®”, and Argus index names are trademarks of Argus Media Limited. For additional information, including details of our other trademarks, visit [argusmedia.com/trademarks](https://argusmedia.com/trademarks).

# Methodology

## Period presented

- The annual period for this study is the historical years 2018 through 2022, and forecast data for 2023 through 2032, inclusive.

## Analysis and forecasting

- The Analytics service contains detailed information such as capacities, production, demand and trade for most producing and consuming countries in the world. Demand forecasts are based on relationships to derivative and end-use consumption trends and expected country-by-country economic growth projections.
- Argus uses data, market opinions and views on market trends to develop the medium-term supply and demand and corresponding price and margin forecasts. When appropriate, Argus makes adjustments to published data, for example trade data reported by countries or government-reported statistics.
- Although data gathering is essential to understanding the Benzene market's history and potential future trends, Argus believes the interpretation of this data is the most valuable part of this analysis.

## Weights, currencies and percentages

- Unless explicitly stated, all weights are given in metric tonnes and all references to dollars are to US dollars.
- Currency conversions have been made either at a current or relevant historical exchange rate, as required by the context.
- Numbers may be rounded. This means that table totals may differ from the sum of the individual figures, and percentages may sometimes appear not to total exactly 100pc.

## Your feedback is welcome

- Argus thanks our valuable clients and contacts for sharing opinions and expertise during the compilation process. Data verification is the cornerstone of the quality of the analysis, and the input received from global market participants is critical to arriving at logical and realistic conclusions.
- It is important that this product meets client's expectations, and we encourage feedback to ensure continuous improvement. If additional company-specific or more detailed long-term analysis is desired regarding Benzene or other petrochemicals, please contact the *Argus* team.

# Related services

## Other Argus publications on related markets are available

### [Daily Spot Pricing Report](#)

Europe, US Gulf, Asia-Pacific

### [Weekly Benzene Report](#)

Ongoing commercial analysis of events and trends

Current contract and spot pricing for key markets

### [Monthly Market Outlook](#)

24-month rolling price forecast for all major regions

### [Benzene Analytics](#)

5-year history, 10-year forward global Benzene supply/demand

80+ countries. All major derivatives. Production.

Trade Capacity data/forecast for Benzene and all major derivatives

Quarterly updates addressing key industry trends

Argus analyst access provides customers with tailored support

### **Audience**

Anyone associated with the global Benzene industry including producers, consumers, end users, traders, shippers or investors will find this service essential

### **Consulting**

Lending institutions now request Argus for 3rd party Benzene industry analysis and price forecasting.

### **Indexation examples**

Argus postings dominate contract settlement pricing in the US. Monthly weighted spot average included in a number of US contracts in the trading arena.

Argus daily Benzene price is the settlement basis for the CME futures trading platform in the US. EU likely soon to follow

Argus weekly prices penetrating Middle East/Asia-Pacific contract settlement reference pricing beginning in 2019.

# Argus Benzene experts



**Simon Palmer**  
Vice President  
Global Aromatics

Simon Palmer joined Argus as VP, Global Aromatics in August 2021, and is based in Houston. He brings to Argus broad experiences from across the petrochemical industry. He has worked in hydrocarbon processing, plastics manufacturing, market consulting, petrochemical trading, major project management and strategy/business development. He spent his formative years in Europe working for ICI plc before moving to the USA. In the US he has spent around twenty years in market consulting specializing in aromatic hydrocarbons. He joined Argus after Motiva Enterprises, a wholly-owned affiliate of Saudi Aramco.



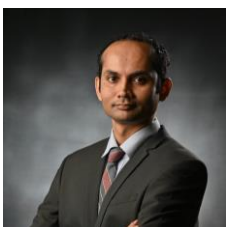
**Monicca Egoy**  
Editor,  
Europe Aromatics

Monicca Egoy is the editor in charge of the aromatics market in Europe, based in London. She mainly covers the benzene and styrene markets, as well as overseas coverage and publication of Argus' daily and weekly aromatics reports. She joined Argus in early 2013 when it was forming the petrochemicals team and integrating DeWitt, which it acquired in 2012. Prior to joining Argus, Monicca was an editor at S&P Global Platts, covering polymers and olefins. Additionally, she has years of experience covering the energy and financial markets, having worked at AFX Financial News, Thomson Financial News, and ThomsonReuters in Europe and Asia. Monicca holds a master's degree in Global Politics from Birkbeck College, University of London, and a bachelor's degree in Accounting and Management from the Polytechnic University of the Philippines.



**Brian Leonal**  
Associate Editor,  
Asia Aromatics

Brian Leonal is responsible for the coverage of benzene and styrene in Asia-Pacific. He has seven years of experience in the hydrocarbon industry. Most recently he was a corporate banker in DBS Bank covering oil and gas as well as petrochemical markets. He has been involved in a diversity of transactions, including asset-backed, project, trade, and M&A financing, as well as clean corporate loans. He started his career in Argus in 2015 as part of the petrochemical team, with exposures to olefins, aromatics, and polymers.



**Santosh Navada**  
Senior Analyst

Santosh is a senior business analyst, based in Mumbai. He supports aromatics and other related product areas for Asia-Pacific region. In addition to an undergraduate degree in chemical engineering, he has garnered market research experience from companies including MarketsandMarkets, Bureau Veritas and AgileIntel. In these roles, he was involved in projects related to chemicals and materials domain.



**Jeff Eickholdt**  
Senior Analyst

Jeff is a Senior Analyst in the Chemicals sector supporting Aromatics. Prior to joining Argus, Jeff worked for Shell for over 20 years in various roles, most recently as a Risk Analyst in their Chemicals division where he advised commercial and finance staff on pricing structure, risk management, and contract development. Beyond his tenured career at Shell, Jeff holds a certification from Rice in Data Analytics, as well as a BA and MS in Statistics.

# Argus benzene analytics

## Registered office

Lacon House, 84 Theobald's Road,  
London, WC1X 8NL  
Tel: +44 20 7780 4200

**ISSN: 1467-3916**

## Copyright notice

Copyright © 2024 Argus Media group  
All rights reserved

All intellectual property rights in this publication and the information published herein are the exclusive property of Argus and/or its licensors (including exchanges) and may only be used under license from Argus. Without limited the foregoing, by accessing this publication you agree that you will not copy or reproduce or use any part of its contents (including, but not limited to, single prices or any other individual items of data) in any form or for any purpose whatsoever except under valid licence from Argus. Further, your access to and use of data from exchanges may be subject to additional fees and/or execution of a separate agreement, whether directly with the exchanges or through Argus.

## Trademark notice

ARGUS, the ARGUS logo, ARGUS MEDIA, ARGUS Agritel Outlook, other ARGUS publication titles and ARGUS index names are trademarks of Argus Media Limited.

Visit [www.argusmedia.com/Ft/trademarks](http://www.argusmedia.com/Ft/trademarks) for more information.

## Disclaimer

The data and other information published herein (the "Data") are provided on an "as is" basis. Argus and its licensors (including exchanges) make no warranties, express or implied, as to the accuracy, adequacy, timeliness, or completeness of the Data or fitness for any particular purpose. Argus and its licensors (including exchanges) shall not be liable for any loss, claims or damage arising from any party's reliance on the Data and disclaim any and all liability related to or arising out of use of the Data to the full extent permissible by law.

All personal contact information is held and used in accordance with Argus Media's Privacy Policy  
<https://www.argusmedia.com/en/privacy-policy>

## Publisher

Adrian Binks

## Chief operating officer

Matthew Burkley

## Global compliance officer

Jeffrey Amos

## Commercial manager

Jo Loudiadis

## President, Expansion sectors

Christopher Flook

## SVP Chemicals

Chuck Venezia

## Customer support and sales:

[support@argusmedia.com](mailto:support@argusmedia.com)

[sales@argusmedia.com](mailto:sales@argusmedia.com)

**London** Tel: +44 20 7780 4200

**Houston** Tel: +1 713 968 0000

**Singapore** Tel: +65 6496 9966



THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
2015

