

# Argus report sample

## Butadiene Analytics

July 2024

### Global: Economy

Central banks appear to have tamed inflation for now. The global GDP forecast continues to be revised lower for longer as China's growth lags.

#### GDP Forecast Assumptions

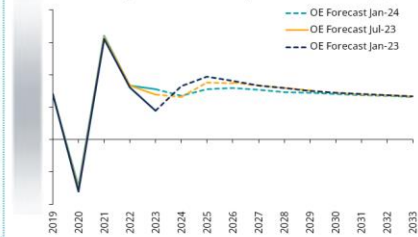
##### Inflation

Inflation will be more volatile than before the pandemic. Central banks are likely to keep inflation close to target in the medium and long term.

##### Monetary Policy

Central banks will cut rates this year. They will move cautiously to bring rates down slowly.

#### Global GDP growth rate forecast, Oxford Economics (OE)



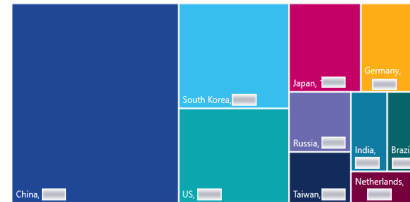
### World butadiene industry overview, 2019-2033

Asia-Pacific will remain the production and demand center.

- China remains the leader for both BD production and consumption. Its ability to lift domestic consumption, find derivative export outlets and gain market share will sway global demand.
- Europe is in a delicate place as the industry undergoes strategic business reviews of assets.
- The US is on the cusp of becoming more balanced as imports slide during the last half of the forecast period.

Top 10 Countries - Butadiene Production Capacity, 2023

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Top 10 Countries - Butadiene Consumption Capacity, 2023

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## About this report

Argus Butadiene 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 an overview of the global Butadiene industry as well as insights from North America.

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

Features capacities, supply and demand and trade 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 global trade flow.



## 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

## Butadiene Analytics Balance 2023; global supply, demand and trade by country

Subscription includes detailed Excel downloads

Argus direct 

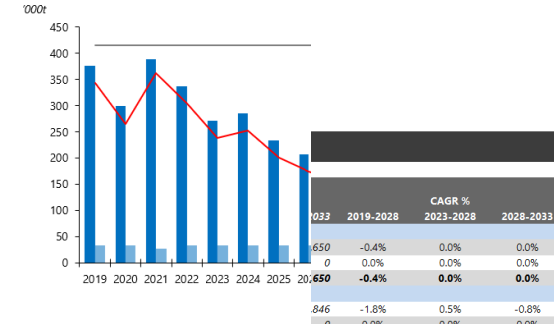
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Netherlands butadiene supply and demand balance, '000t

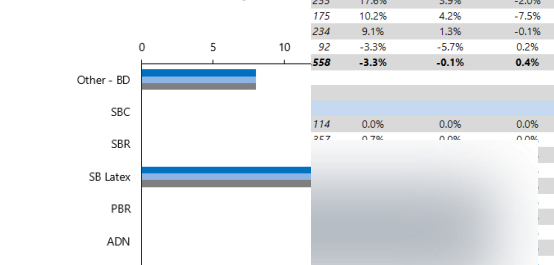
	2019	2020	Historical 2021	2022	Estimate 2023	Outlook 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2019-2028	CAGR % 2023-2028	2028-2033
<b>Capacity</b>																		
Extraction																		
Dehydrogenation																		
<b>Total capacity</b>																		
<b>Production sources</b>																		
Steam cracker																		
BD via dehydrogenation																		
<b>Crude C4 production (contained BD)</b>																		
Co-cracking																		
Hydrogenation																		
Crude C4 imports																		
Crude C4 exports																		
<b>Butadiene production</b>																		
Imports																		
<b>Total supply</b>																		
<b>Derivative capacity (butadiene)</b>																		
Acrylonitrile-butadiene-styrene																		
Adiponitrile																		
Methylmethacrylate-butadiene-styrene																		
Other - butadiene																		
Other - elastomeric polymers																		
Nitrile rubber																		
Nitrile rubber latex																		
Polybutadiene rubber																		
Polychloroprene rubber																		
Styrene-butadiene latex																		
Styrene-butadiene rubber emulsion																		
Styrene-butadiene rubber solution																		
Styrenic block copolymers																		
<b>Total derivative capacity</b>																		
<b>Derivative consumption (butadiene)</b>																		
Acrylonitrile-butadiene-styrene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Adiponitrile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Methylmethacrylate-butadiene-styrene	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	0.0%	0.0%	0.0%
Other - butadiene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Styrene-butadiene rubber emulsion																		
Styrene-butadiene rubber solution																		
Styrenic block copolymers																		
<b>Total derivative capacity</b>	2,212	2,231	2,249	2,246	2,276	2,180	2,150	2,193	2,234	2,234	2,234	2,234	2,234	2,234	2,234	0.1%	-0.4%	0.0%
<b>Derivative consumption (butadiene)</b>																		
Acrylonitrile-butadiene-styrene																		
Adiponitrile																		
Methylmethacrylate-butadiene-styrene																		
Other - butadiene																		
Other - elastomeric polymers																		
Nitrile rubber																		
Nitrile rubber latex																		
Polybutadiene rubber																		

Netherlands <---use drop-down

Netherlands butadiene supply and demand

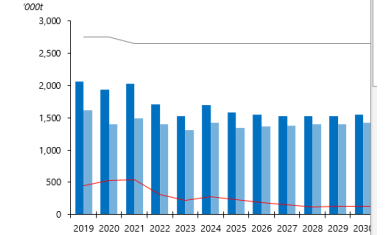


Netherlands butadiene demand by derivative

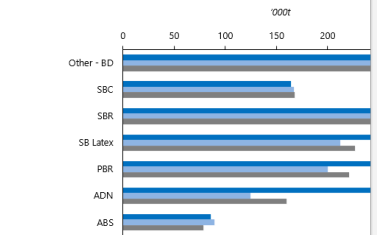


Western Europe <---use drop-down menu to select region

Western Europe butadiene supply and demand



Western Europe butadiene demand by derivative



# Associated Data, continued

## Capacity list for Butadiene with first-line derivatives and Company Balances

Subscription includes detailed Excel downloads

Argus direct					Capacity to consume butadiene											
Region	Country	Company	Location	Butadiene	PBR	SBRs	SBL	SBRe	ABS	NBR	MBS	NBRX	SBC	ELAST		
Middle East	Iran	Takht-e Jamshid Petrochemical	Bandar-e Mahshahr	0												
Middle East	Saudi Arabia	Arlanxco	Al Jubayl	0												
Middle East	Saudi Arabia	Al-Jubail Petrochemical	Al Jubayl	0												
North America	US	Lion Elastomers	Orange	0												
North America	US	Goodyear Tire & Rubber	Beaumont	0												
North America	US	Firestone Polymers	Lake Charles	0												
North America	US	Arlanxco														
Northeast Asia	China	Zhejiang Transfar Synthetic Materials														
Northeast Asia	China	Zhejiang Petrochemical														
Northeast Asia	China	Yulongdao Refining & Petrochemical														
Northeast Asia	China	TSRC-Ube														
Northeast Asia	China	Tianli High & New Tech														
Northeast Asia	China	Sinopec Shanghai Gaoqiao	Acrylonitrile-Butadiene-Styrene	Middle East	Iran	Tabriz Petrochemical	Tabriz									
Northeast Asia	China	Shandong Yulong Petrochemicals	Acrylonitrile-Butadiene-Styrene	Middle East	Saudi Arabia	Petrokemya	Al Jubayl									
Northeast Asia	China	Huayu Rubber	Acrylonitrile-Butadiene-Styrene	Middle East	Iran	Jam Petrochemical	Bandar-e 'Asaluyeh									
Northeast Asia	China	Haopy New Materials Technology	Acrylonitrile-Butadiene-Styrene	Middle East	Iran	Ghaed Bassir Petrochemical	Isfahan									
Northeast Asia	Japan	Ube Industries	Acrylonitrile-Butadiene-Styrene	North America	US	SABIC	Ottawa									
Northeast Asia	Taiwan	TSRC	Acrylonitrile-Butadiene-Styrene	North America	US	SABIC	Bay Saint Louis									
Northeast Asia	South Korea	Lotte Versalis Elastomers	Acrylonitrile-Butadiene-Styrene	North America	US	SABIC	Altamira									
Northeast Asia	Japan	Japan Elastomer	Acrylonitrile-Butadiene-Styrene	North America	Mexico	SABIC	Altamira									
Northeast Asia	Japan	ENEOS	Acrylonitrile-Butadiene-Styrene	North America	Mexico	INEOS Styrolution	Altamira									
Northeast Asia	Japan	Asahi Kasei	Acrylonitrile-Butadiene-Styrene	North America	US	INEOS Styrolution	Addyston									
Russia and Central Asia	Russia	Sibur	Acrylonitrile-Butadiene-Styrene	North America	US	INEOS Styrolution	Addyston									
Russia and Central Asia	Russia	Efremov Kautschuk	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Zhenjiang CHIMEI Chemical	Zhenjiang									
South Asia	India	Indian Oil Corporation	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Zhejiang Petrochemical	Zhoushan									
Southeast Asia	Thailand	Thai Synthetic Rubbers	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Zhangzhou CHIMEI Chemical	Gulei									
Southeast Asia	Indonesia	PT Synthetic Rubber Indonesia	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Zhangzhou CHIMEI Chemical	Gulei									
Southeast Asia	Malaysia	Lotte Ube Synthetic Rubber	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Zhangzhou CHIMEI Chemical	Gulei									
Southeast Asia	Malaysia	Lotte Ube Synthetic Rubber	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Yulongdao Refining & Petrochemical	Yantai									
Southeast Asia	Singapore	Arlanxco	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Tianjin Dagu Chemical	Tianjin									
Western Europe	United Kingdom	Versalis	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	SP Chemicals	Lianyungang									
Western Europe	Germany	Synthos	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Sinopec Shanghai Gaoqiao	Gaoqiao									
Western Europe	France	Michelin	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Sinopec Maoming Petrochemical	Maoming									
Western Europe	France	Arlanxco	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Sinochem Lianyungang	Jiangsu									
Western Europe	Germany	Arlanxco	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Shanghai Huayi Polymer	Shanghai									
North America	US	Denka Performance Elastomers	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Shandong Haili Chemical	Zibo									
Northeast Asia	Japan	Tosoh	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	PetroChina Jilin Petrochemical	Jieyang									
Northeast Asia	Japan	Showa Denko	Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	North Huajin Chemical	Panjin									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	North Huajin Chemical	Panjin									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Ningbo LG Yongxing Chemical	Ningbo									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Nanhai Maoming	Maoming									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Lihuyi Weiyuan Chemical	Dongying									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Liaoning KingFA	Panjin									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Lanzhou Petrochemical	Lanzhou									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Kumho Petrochemical	Jinshan									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Keyuan Petrochemicals/Guangxi Changke	Fangchenggang									
			Acrylonitrile-Butadiene-Styrene	Northeast Asia	China	Jilin Petrochemical	Jilin City									

>>Want to see more data?  
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# 1. Executive Summary

## 2. Spotlight

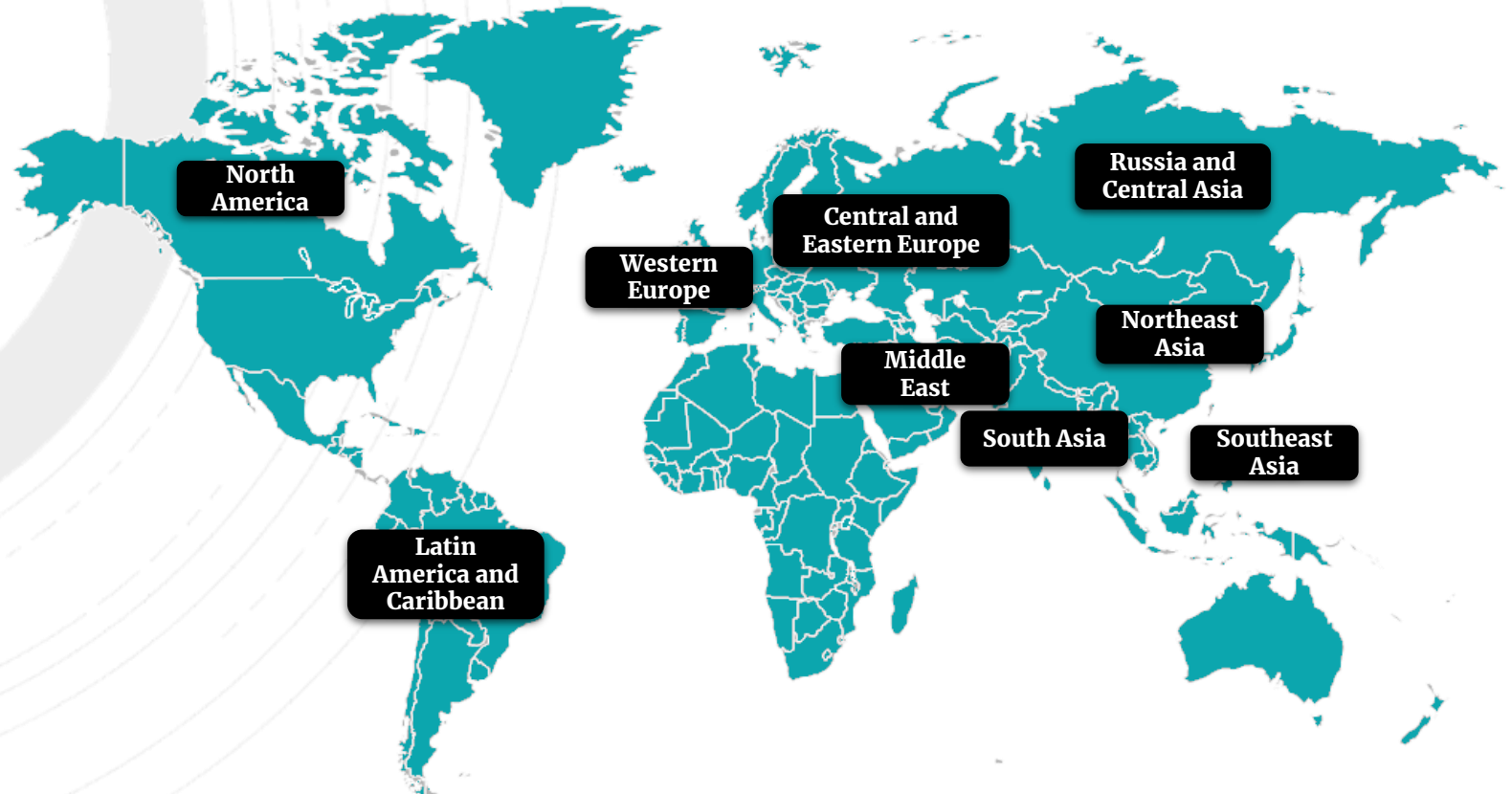
## 3. Global Supply and Capacity Changes

## 4. Breakdown of Key Regions

## 5. Technology

## 6. Contact us

## 7. Appendix



# Executive summary

## How did we get here?

- Producers and consumers across the globe would agree that 2024 was a peculiar year. At the end of 2023 during term negotiations, both anticipated ample supply. Consumers opted to reduce committed volumes in 2024.
- The reality is that demand was slightly better than planned in 2024. More importantly, crackers were running at lower rates and opting for lighter feedslates. There have also been cracker closure announcements in northwest Europe and Japan.
- Large consumers in the three major regions were forced to purchase spot volumes.
- China has still been importing, in spite of the new BD capacity additions.
- High freight rates along the Red Sea and Panama Canal plus longer transit times have resulted in an upheaval of logistics.
- This is why global BD prices were especially volatile, given that large consumers were exposed to the spot market in the face of snug supply.



# Executive summary

## Where are we headed?



- Butadiene has been and will remain a mere by-product of a cracker. Output is dictated by non-durable polymer demand while BD is heavily dependent on durable good orders.
- The 2023-2033 compound annual growth rate (CAGR) for global ethylene production via a steam cracker is about [redacted] whereas BD production will lag at just under [redacted]. Longer-term olefins production growth could slow on sustainability initiatives.
- Yield factors for crude C4 output from steam crackers have been reduced while co-cracking and hydrogenation were boosted to manage balances, particularly in the last half of the forecast period.
- On paper, Asia-Pacific should become self-sufficient, and imports should disappear. While imports have slowed, the market has been inefficient with the region importing deep sea BD cargoes.
- In Europe chemical giants LyondellBasell, ExxonMobil, Sabc, Dow and BASF have either made cuts or are conducting strategic reviews of assets.
- The US Gulf coast will continue to confront the unpredictability of hurricane threats.



# Global: Economy

Central banks appear to have tamed inflation for now. The global GDP forecast continues to be revised lower for longer as China's growth lags.

## GDP Forecast Assumptions

### Inflation

Inflation will be more volatile than before the pandemic. Central banks are likely to keep inflation close to target in the medium and long term.

### Monetary Policy

Central banks will cut rates this year. They will move cautiously to bring rates down slowly.

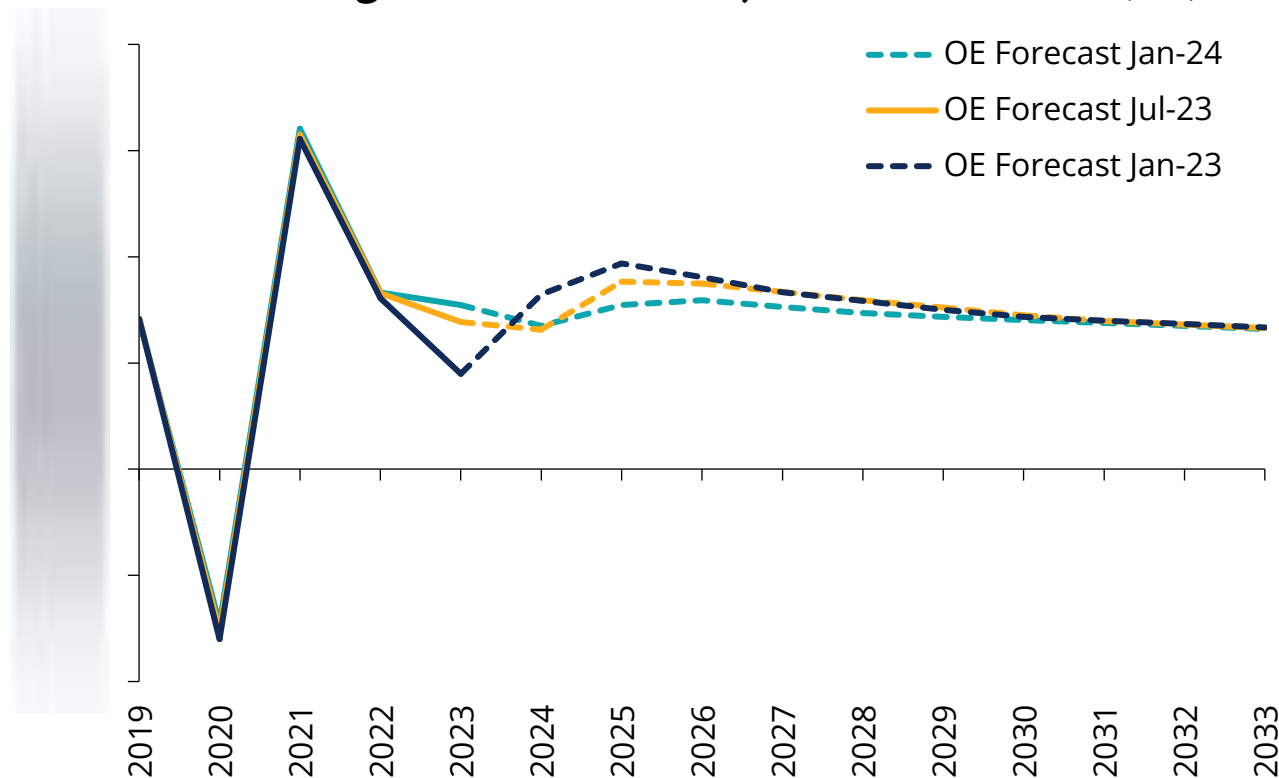
### War in Ukraine

Russia sanctions will persist long after any cease-fire. Europe will avoid future energy problems during winter months.

### Globalization

No meaningful change in the global trading system or US/China relationship is expected. Recent tariffs and other trade barriers will stay in place.

## Global GDP growth rate forecast, Oxford Economics (OE)



# China macro factors

## Beijing has unveiled recent initiatives to boost consumption.

- In May the IMF raised its projection of China's gross domestic product (GDP) growth to █ in 2024 and █ pc in 2025, because of China's strong first-quarter GDP data and recent policy measures.
- The People's Bank of China to issued new mortgage easing policies on 17 May to support the market. Mega cities like Shanghai, Shenzhen and Guangzhou have announced policies to ease downpayments for homebuyers since then.
- The government's provision of Yn1 trillion of reconstruction special bonds, Yn1 trillion of ultra-long bonds, and Yn1 trillion of refinancing bonds also reflect Beijing's efforts to help debt-ridden local governments.
- Real estate investment dropped by █ pc in April compared with a year earlier. The "real-estate climate index" — which measures the general performance of property sector — dropped to █ in April, continuing to break historic lows, NBS data show.
- Subsidies have been issued for up to █ for each car purchase and █ mn of consumption coupons to travelers.
- The IMF expects China's GDP growth to slow to █ pc by 2029 because of an aging population and slower productivity growth.



# 1. Executive Summary

## 2. Spotlight

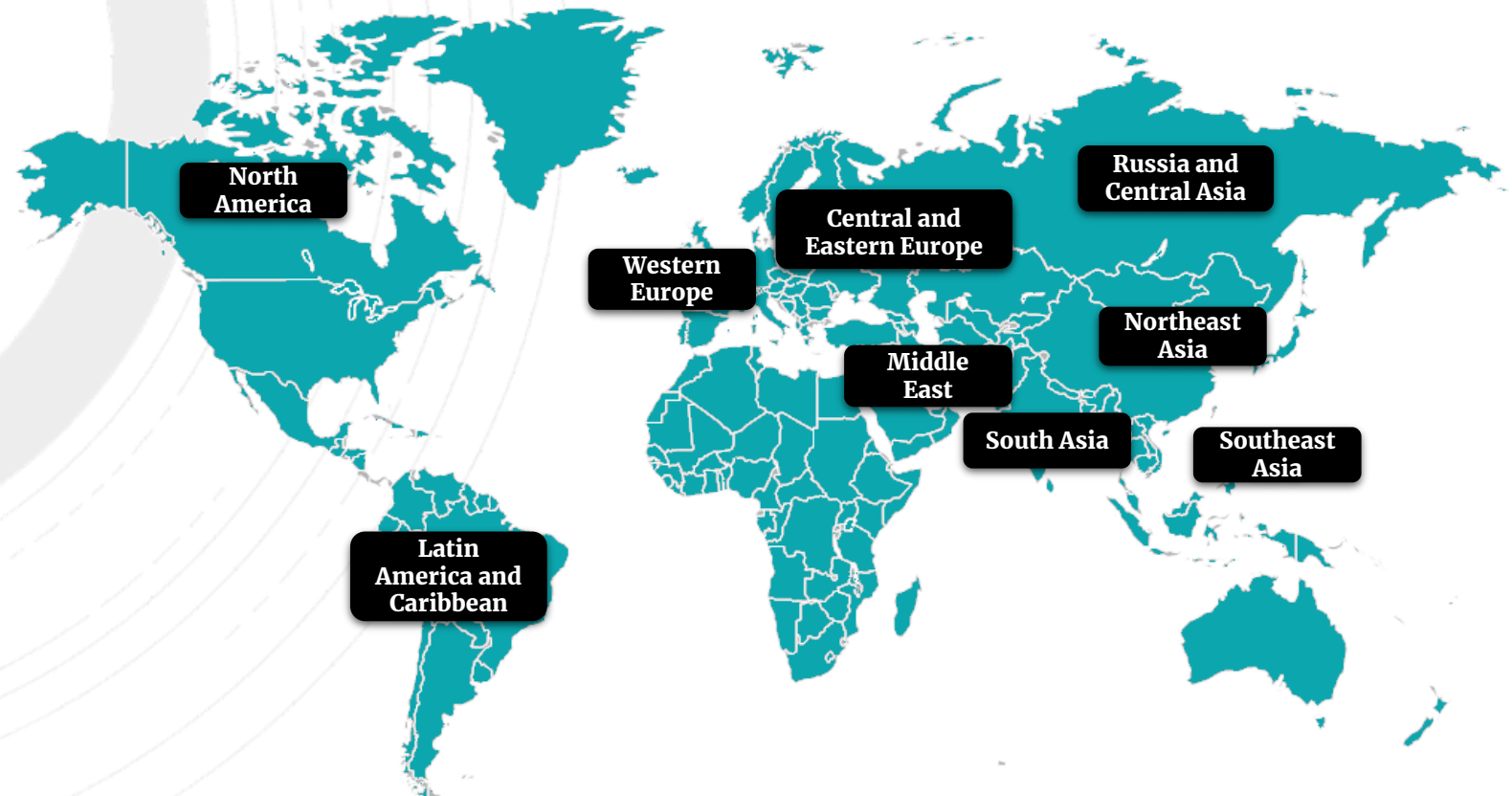
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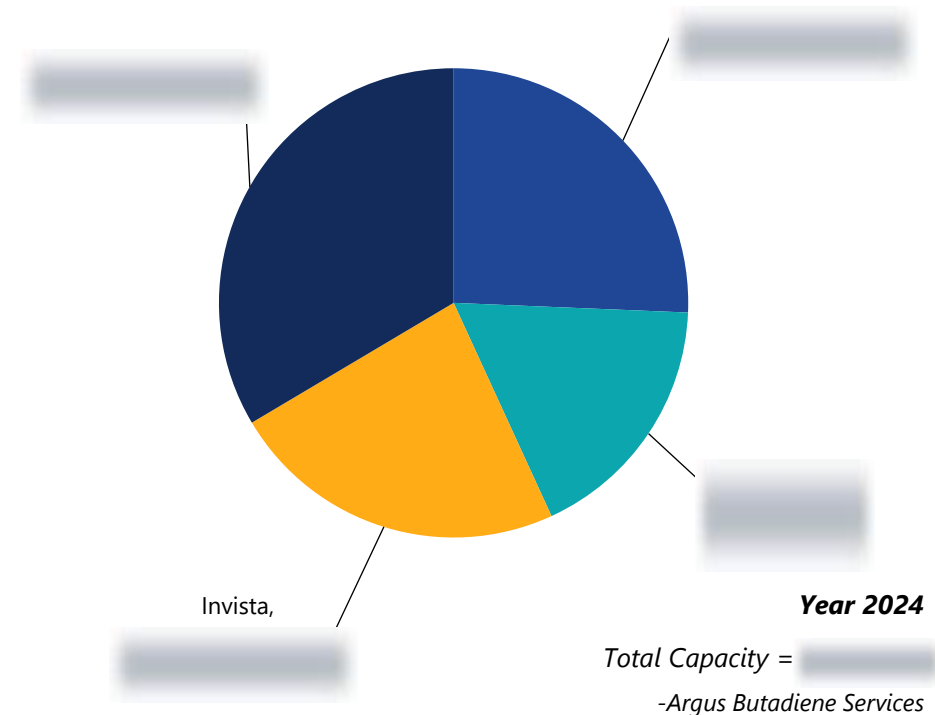


# Adiponitrile

## The Crude C4-derived ADN market rebalances itself.

- The adiponitrile segment, like the rest of the BD market, has had a dynamic 2024 to date. The jumping point was when Invista in October 2023 permanently shut its [REDACTED] t/yr facility in [REDACTED]. The company cited “lower-than-anticipated growth and an increase in global supply.”
- In turn European ADN production in the first half of 2024 jumped to cover for planned turnarounds in both the US and China, plus global rebalancing.
- Estimated operating rates for France’s Butachimie escalated to the high [REDACTED] range in the first half of 2024, from [REDACTED]: since the Russia-Ukraine conflict.
- Dutch TTF natural gas prices on a day ahead basis have eased, according to *Argus* data. From January to June 2024 prices averaged € [REDACTED] MWh from July to December 2023 and € [REDACTED] MWh from the same period a year earlier. This has alleviated some of the margin pressures on French ADN production.

Global adiponitrile capacity based on butadiene feedstock 000't



\*Butachimie is a joint venture between Invista and BASF

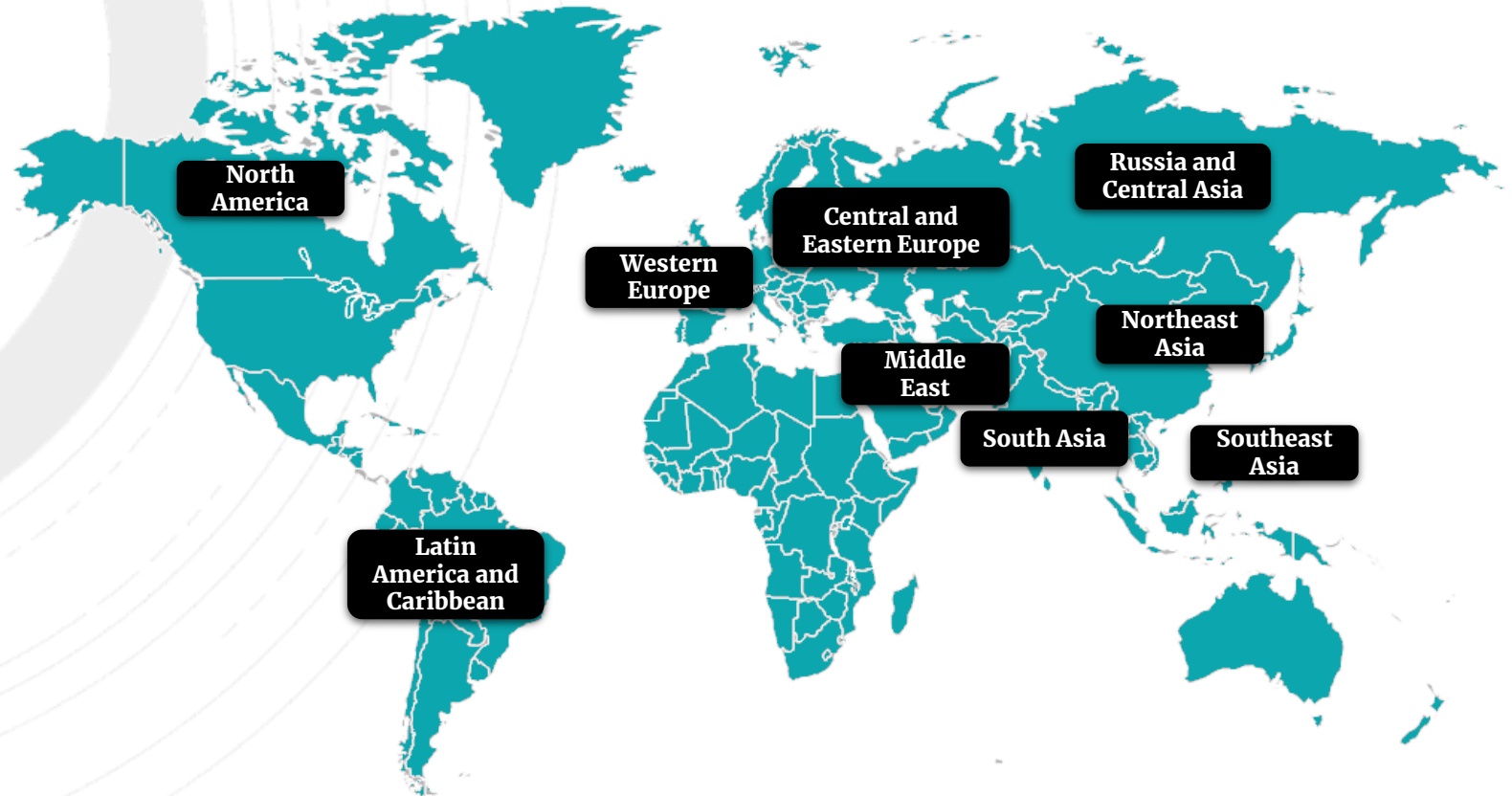


# Water restrictions in Mexico

- The Mexican state of Tamaulipas and the federal interior ministry enforced water restrictions because of an ongoing severe drought. This has slowed or even stopped operations in the port cities of Tampico, Madero, and petrochemical hub Altamira in May and June 2024.

Company Name	Affected Capacity (000't)	Derivatives
SABIC		
INSA		
INEOS Styrolution		
Dynasol Elastomers		

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### China

- The CAGR for 2023-2033 for BD capacity will expand by 7%pc with derivative capacity at 5%pc.

### US

- Prolonged ethane cracking since 2022 and into the second quarter, coupled with supply constraints, supported higher BD prices.

### Western Europe

- Two crackers will shut by the end of 2024: 1. [redacted] northern France and 2. [redacted].

### Central and eastern Europe

- There could be a risk to a new BD unit in the region, depending on whether a cracker project proceeds as planned.

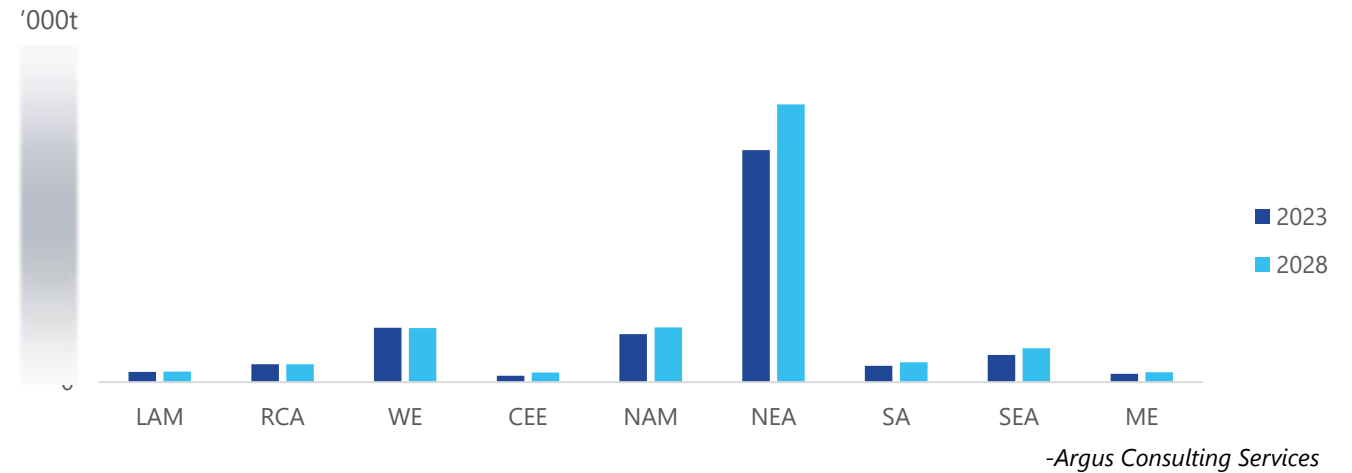
### Russia

- We are projecting flat long-term for both BD production and consumption given geopolitical uncertainties.

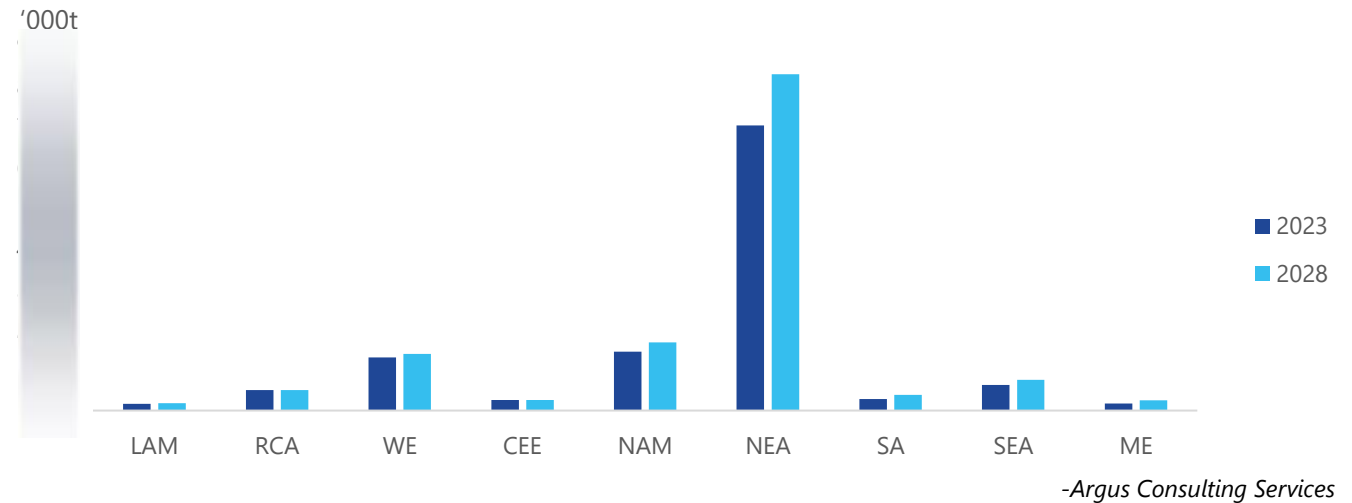
### Southeast Asia

- Technical issues at units in Malaysia, the Philippines and Vietnam have resulted in less BD output but an uptick in crude C4 exports.

Regional Butadiene production



Regional Butadiene demand

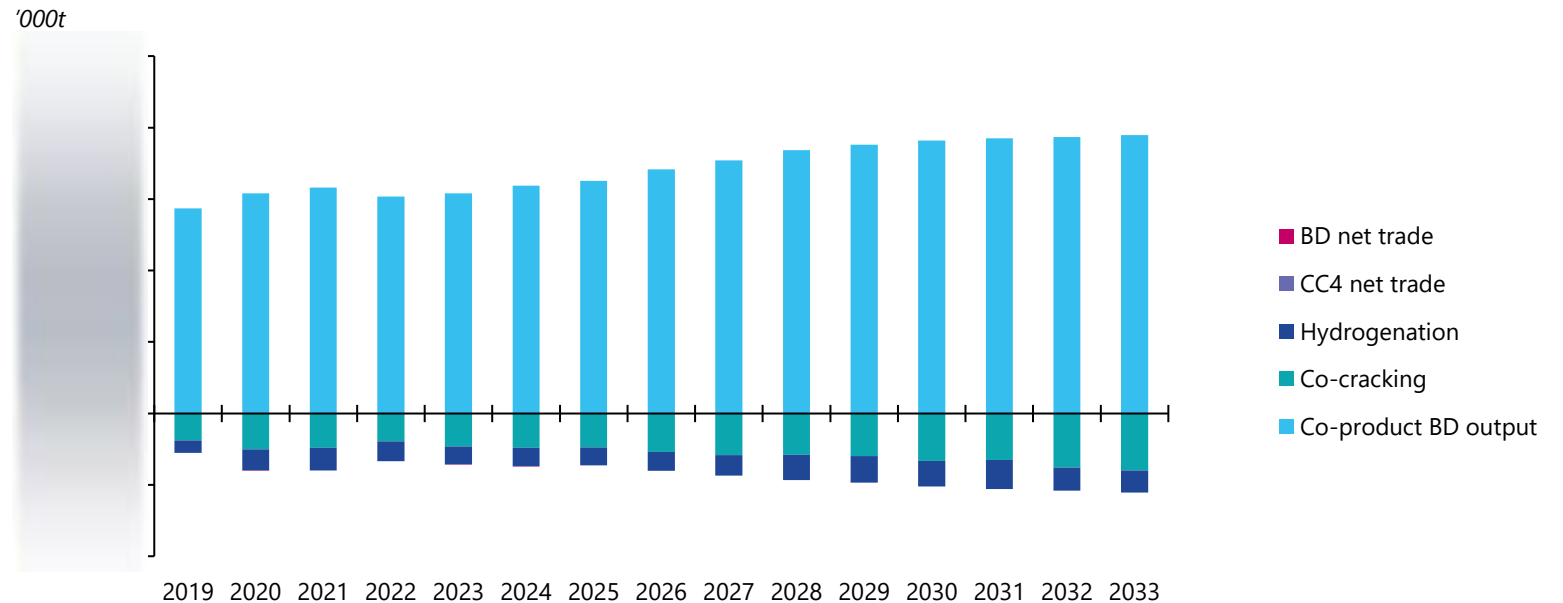


# World butadiene industry overview, 2019-2033

A majority of the growth is slated for the first half of the forecast period.

- Production growth from 2023-2033 will reach [redacted] with most of the development concentrated in 2023-2028 at [redacted] pc.
- China's BD output will soar to [redacted] pc from 2023 to 2028.
- Major risks to BD production include lighter feedslates, reduced cracker operating rates and lower polymer demand as sustainability efforts increase.
- Producers who have the option to co-crack and hydrogenate will use these processes to achieve a market balance.
- A less likely threat is that durable demand will outpace nondurable orders.

Global butadiene supply



-Argus Consulting Services



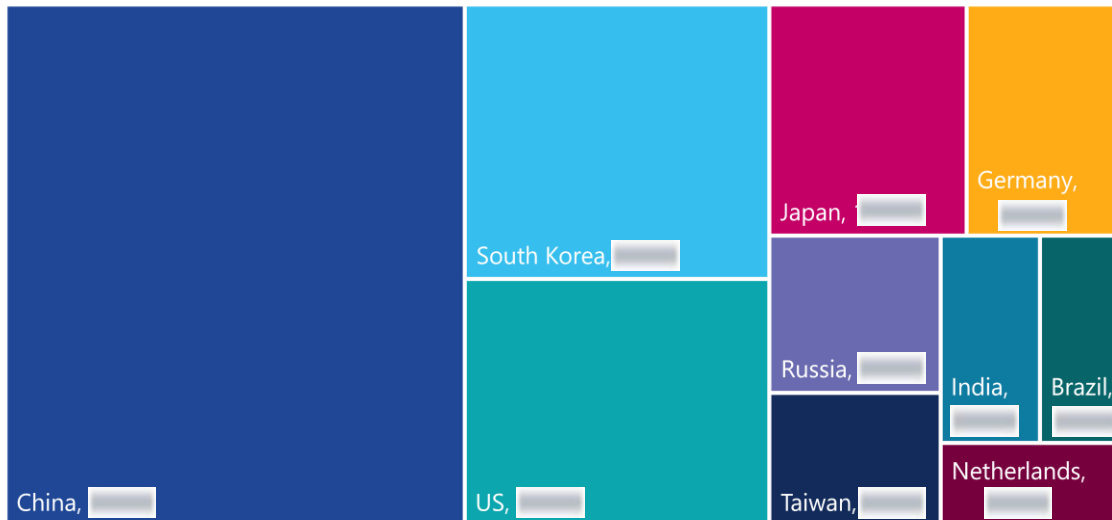
# World butadiene industry overview, 2019–2033

## Asia-Pacific will remain the production and demand center.

- China remains the leader for both BD production and consumption. Its ability to lift domestic consumption, find derivative export outlets and gain market share will sway global demand.
- Europe is in a delicate place as the industry undergoes strategic business reviews of assets.
- The US is on the cusp of becoming more balanced as imports slide during the last half of the forecast period.

Top 10 Countries – Butadiene Production Capacity, 2023

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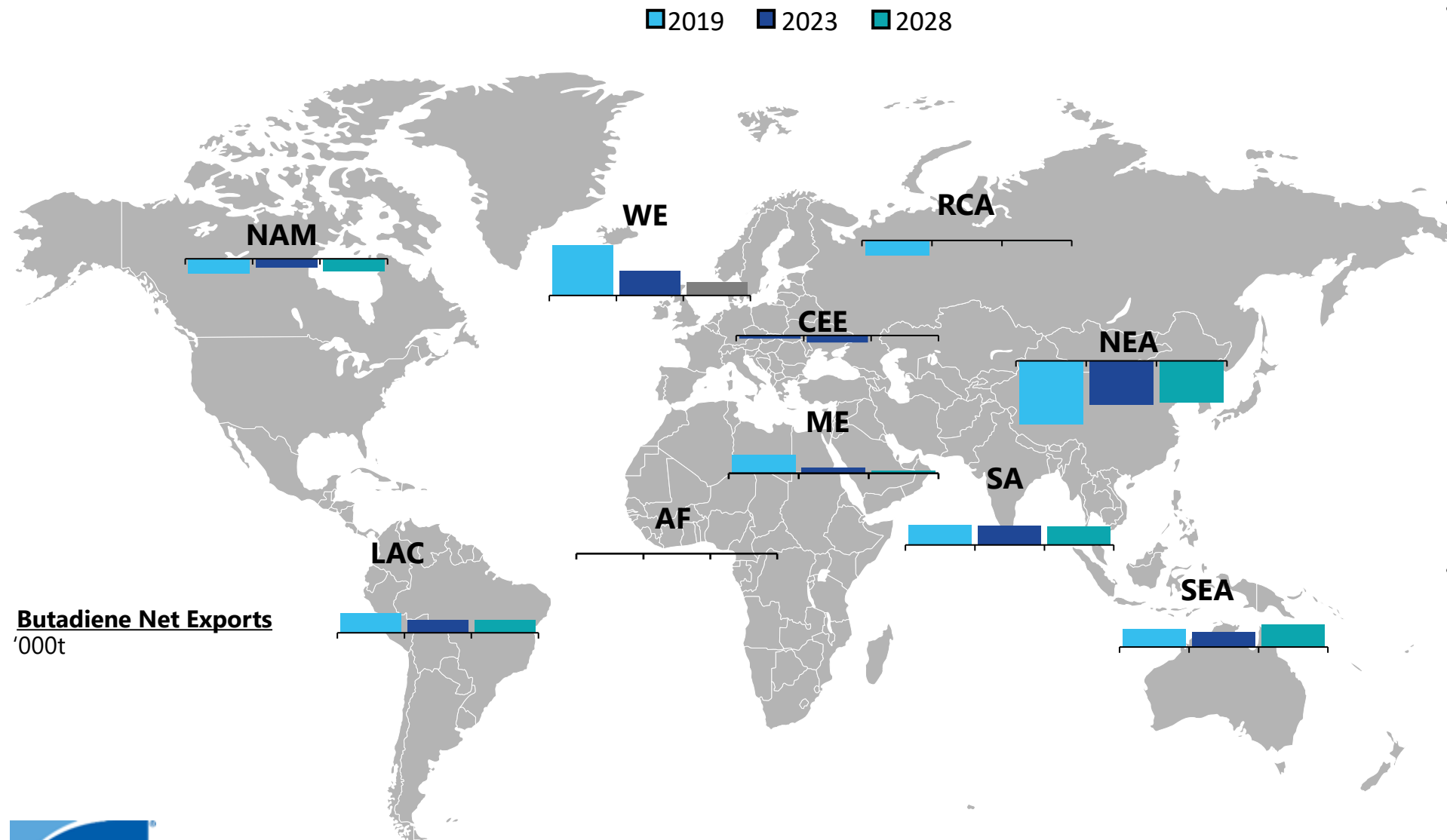


Top 10 Countries – Butadiene Consumption Capacity, 2023

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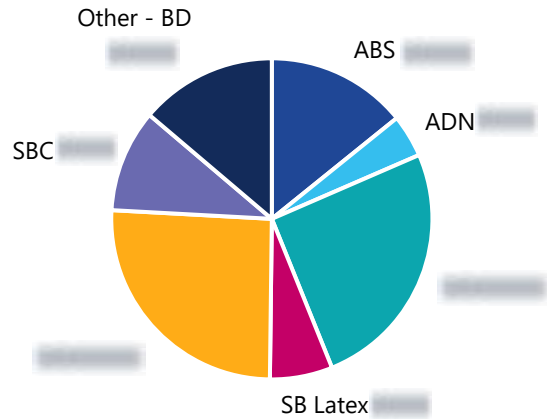
# Butadiene trade



Butadiene Net Exports  
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# World butadiene industry overview

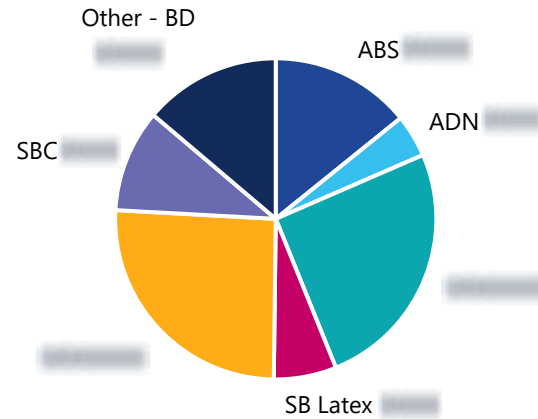
Global butadiene demand 2023



**Year 2023**

Total demand = [redacted] mn t  
-Argus Consulting Services

Global butadiene demand 2028

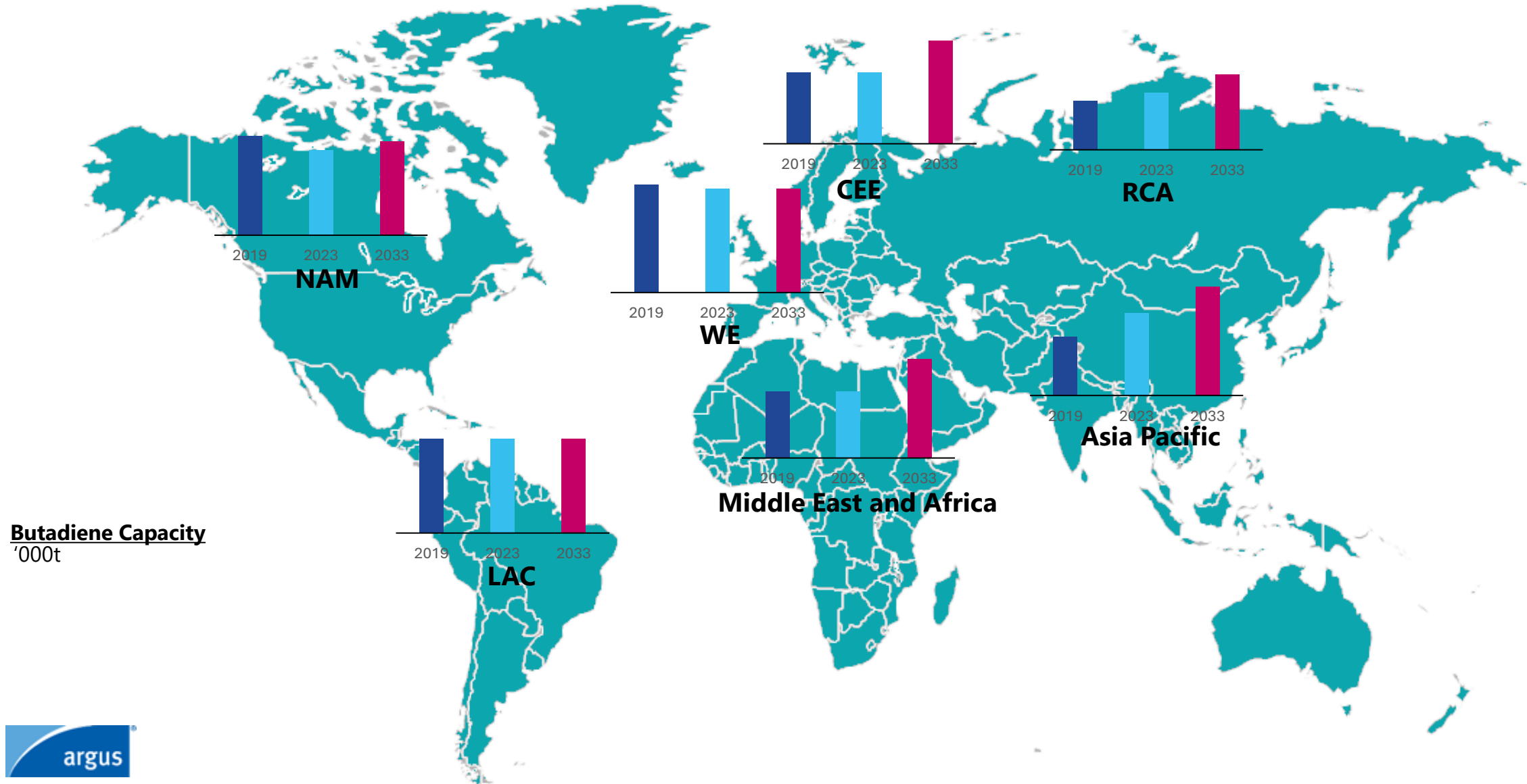


**Year 2028**

Total demand = [redacted] mn t  
-Argus Consulting Services

- World butadiene production is projected to grow [redacted] pc from 2023 to 2028 but stabilize between 2028 to 2033. The slowdown is attributed to sustainability efforts and moderate economic growth throughout the end of the forecast period.
- High interest rates have kept western buyers away from purchasing durable goods and new homes. This is why demand is slated to grow [redacted] pc from 2023 to 2028.
- Passage through the Panama Canal has improved since the start of this year, but Red Sea conditions remain highly volatile with no signs of improvement.

# Butadiene capacity expansions



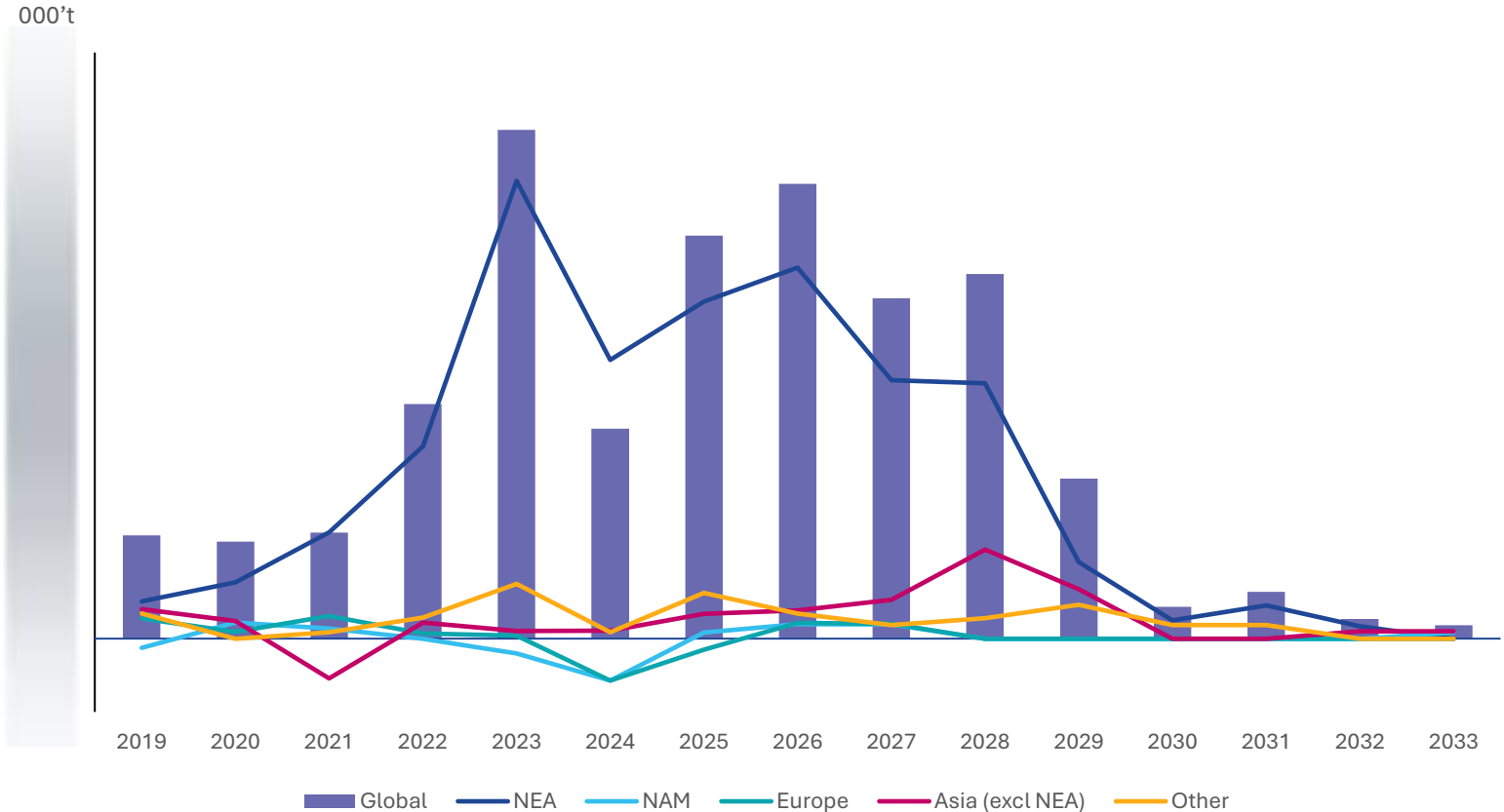
**Butadiene Capacity**  
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# Derivative capacity additions

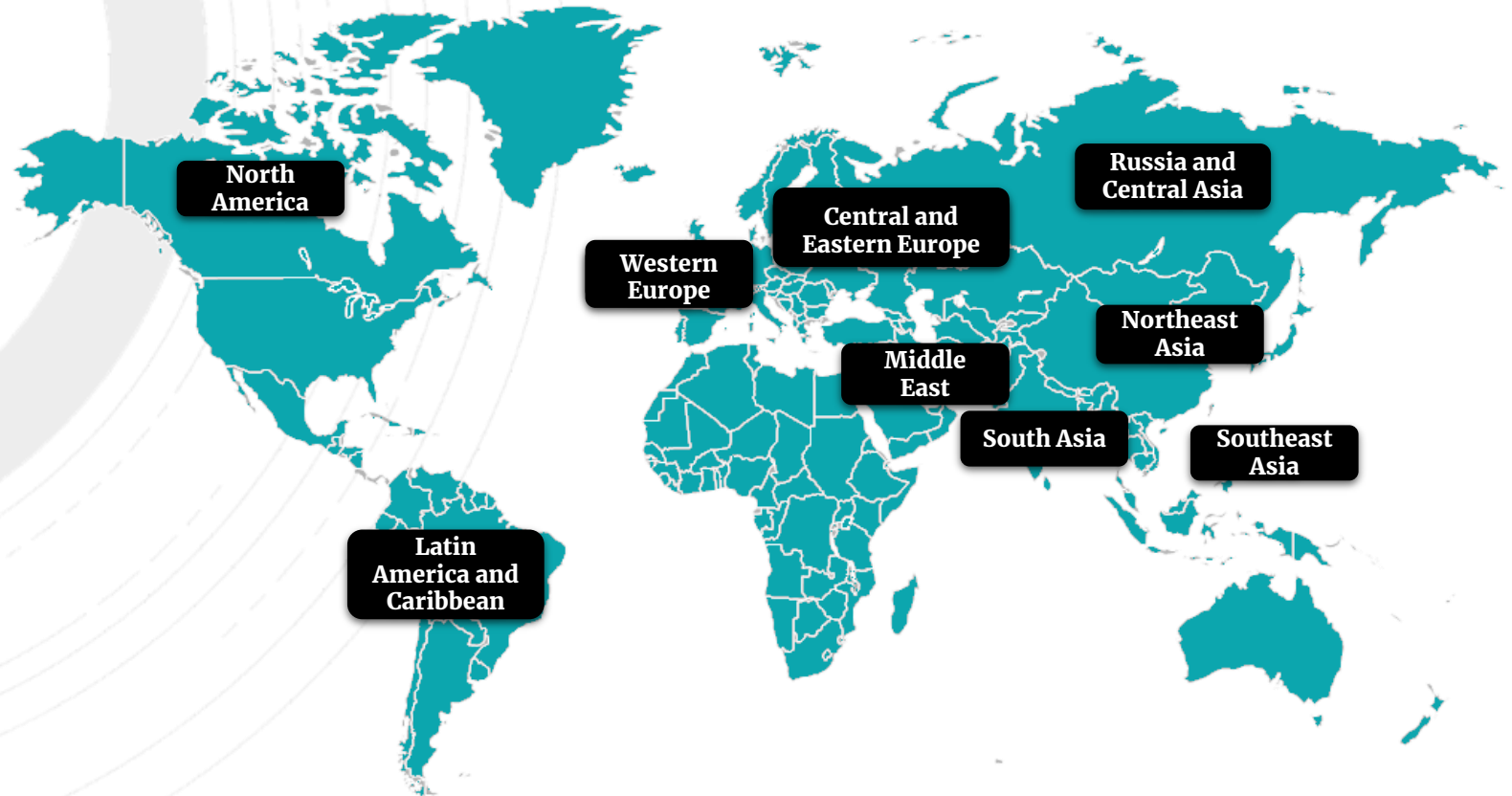
## The ABS and SBC segments will lead the way.

Global Butadiene consumption capacity additions / shutdowns



- The bulk of derivative expansions are in Asia-Pacific, namely China.
- Acrylonitrile butadiene styrene, styrene block copolymer and solution styrene butadiene rubber will have the large growth. Newer, efficient units are expected to drive more mature assets to reduce rates or even permanently idle.
- During peak covid, demand nitrile rubber latex for medical gloves exploded. Since then, demand has normalized.

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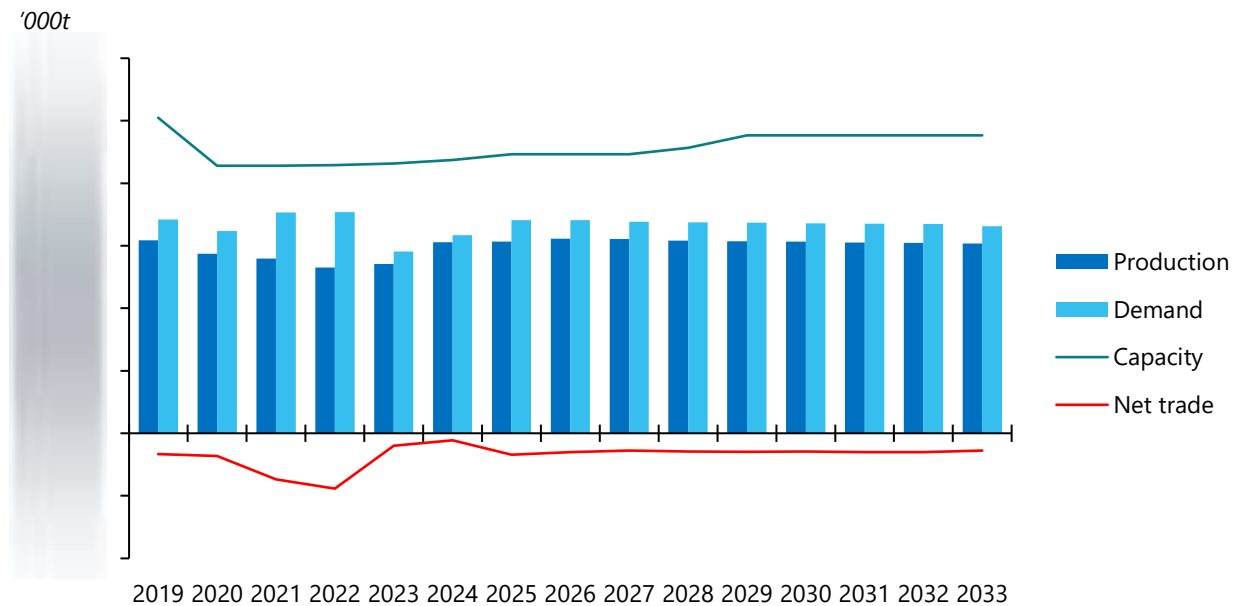
# North America butadiene summary

## Ethane cracking continues to dominate.



- New cracker capacity has slowed as North America's export role continues to grow.
- Cracker operating rates will run in the high 'spc in 2029 and beyond.
- By 2031, high operating rates and a sustained ethane cost advantage will likely lead to at least one additional cracker project.

North America butadiene supply and demand



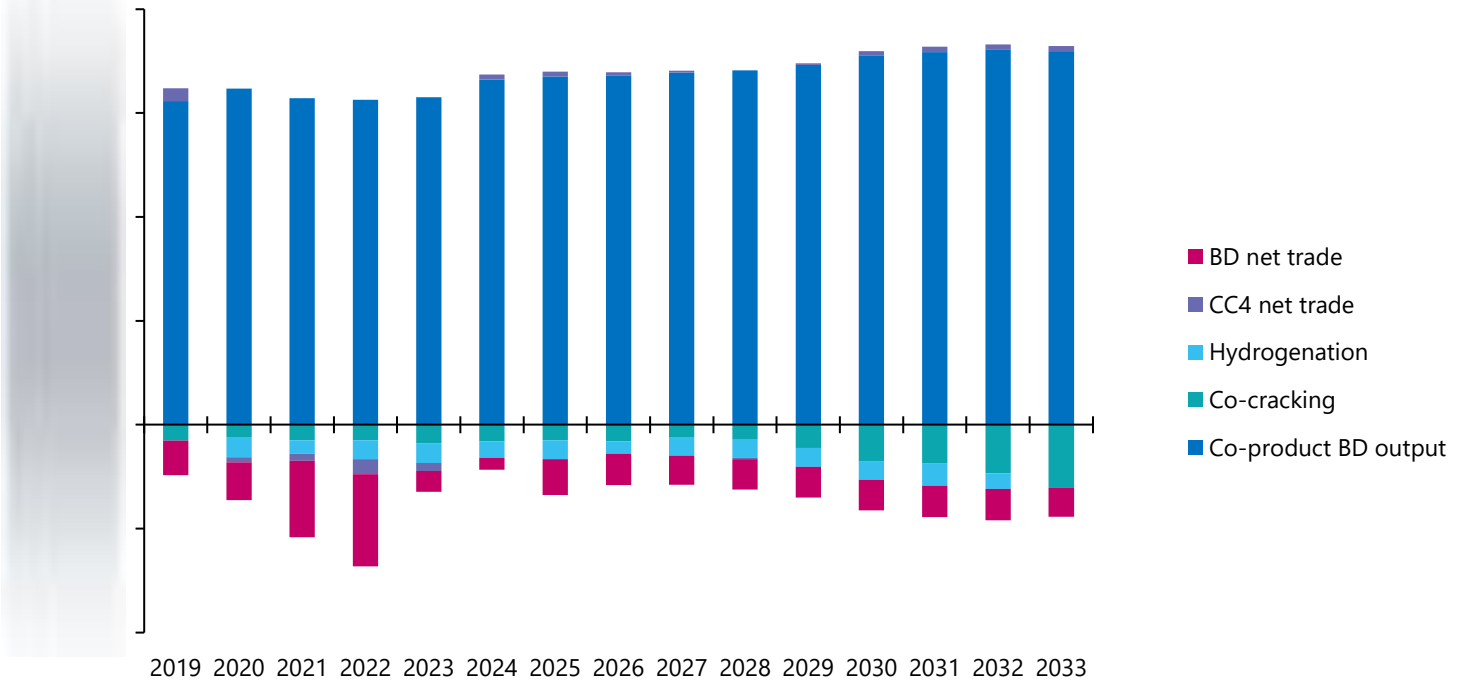
-Argus Consulting Services

# North America supply, 2019-2033

TPC is slated to expand in 2024.

North America butadiene supply

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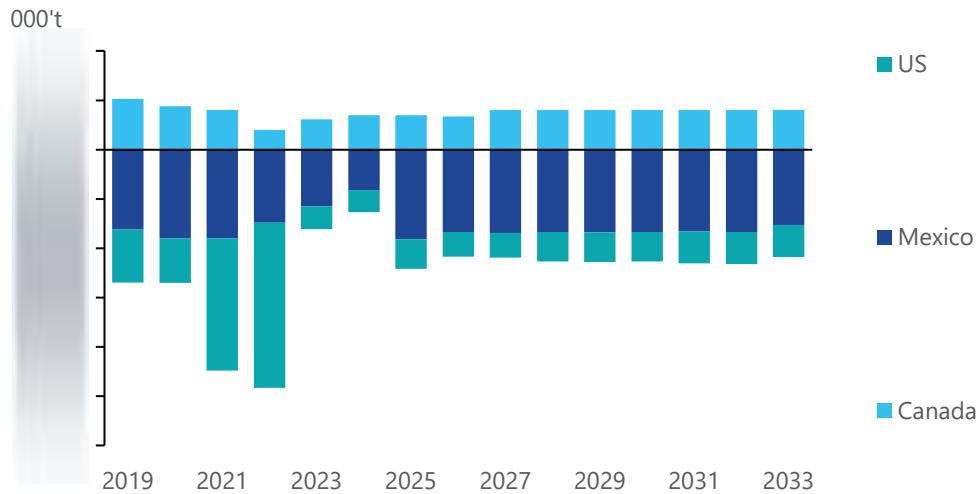
-Argus Consulting Services

# North America demand, 2019-2033

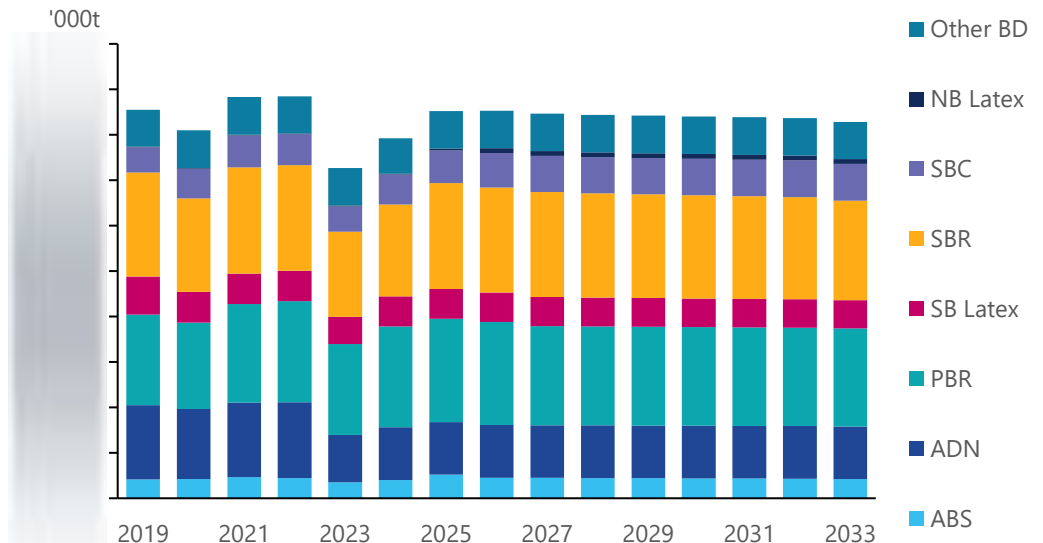
The US will move closer to a balanced state.

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North America butadiene net exports



North America butadiene demand



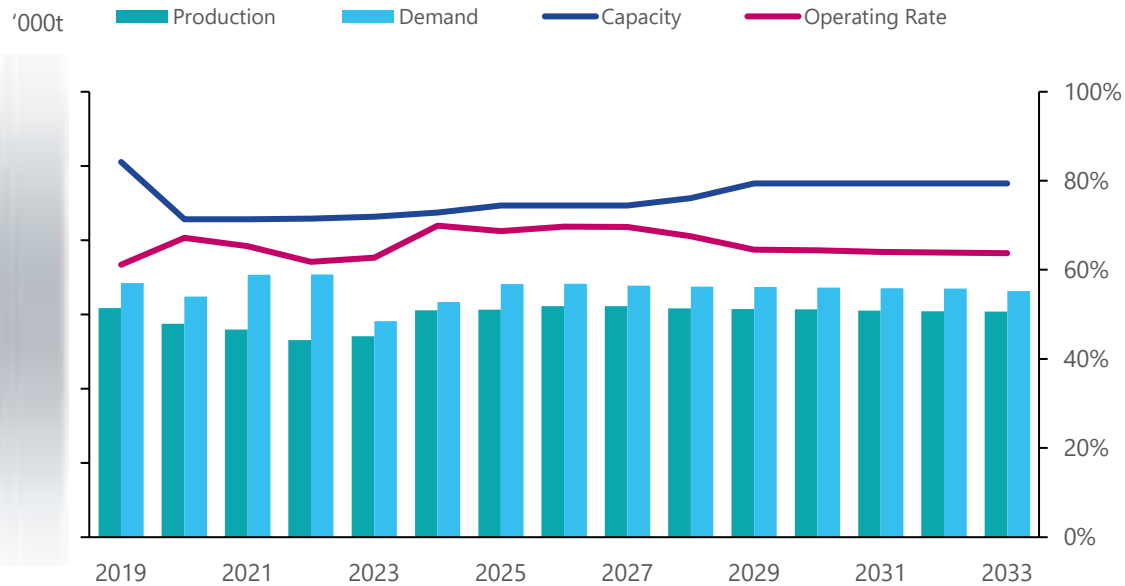


# North America demand projects, 2019-2033

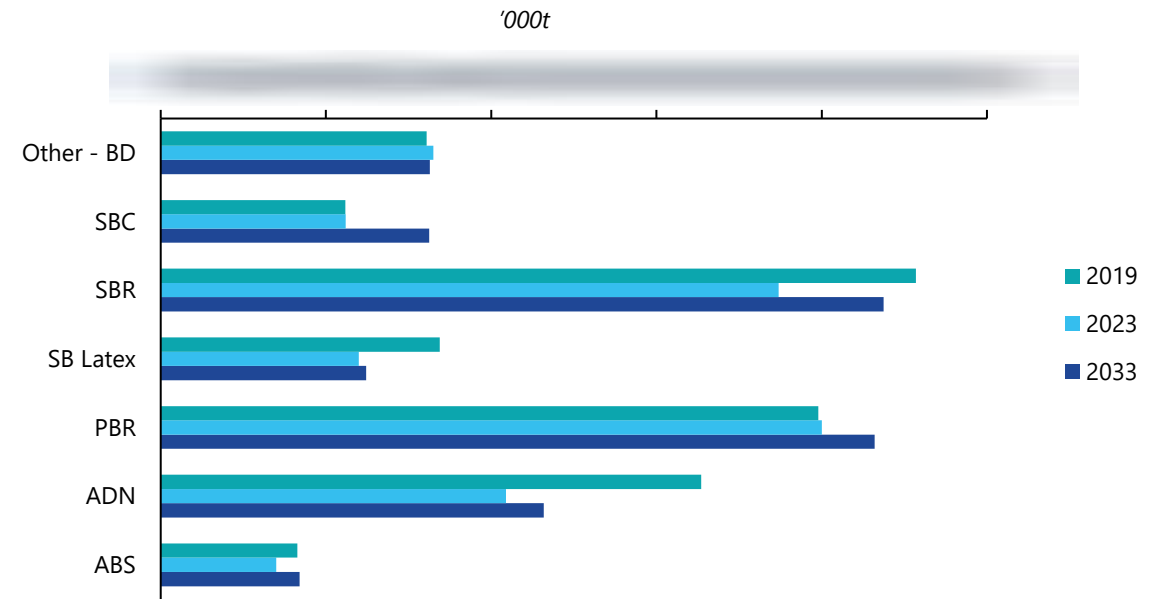
The region will see some derivative expansions in the coming years.



North America butadiene supply / demand



North America butadiene demand by derivative



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

The Argus Butadiene Analytics service is for anyone engaged in the butadiene 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:

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# Contact us



**Angie Joe**  
**Vice President Global Butadiene and Derivatives**

Angie leads the crude C4, butadiene and derivatives consulting practice at Argus. She spearheads the creation and production of the butadiene newsletter, monthly outlook and long-term supply and demand analytics publications. Angie has more than 15 years' experience in the petrochemical industry, including roles as an analyst and broker, and in business development and communications. She also has expertise in styrenics, aromatics, olefins and methanol. Angie enjoys tapping her experience along the entire petrochemical value chain to piece together market information in a global context.



**Akash Chavanke**  
**Business Analyst - Chemicals**

Akash is involved in improving the granularity of integrated aromatics and olefins derivative markets. He previously spent one and half years at Prismane Consulting in Pune, where he worked on projects related to specialty polymers, bulk polymers, petrochemicals, bio-plastics and inorganic chemicals. Akash holds a B.Tech degree in Petrochemical Engineering from Maharashtra Institute of Technology, Pune.



**Brian Leonal**  
**Editor – Chemicals Asia**

Brian Leonal is the Asia Pacific editor of Argus' petrochemicals desk. He has nine years of experience in the hydrocarbon industry. Before joining Argus for the second time, 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.

# Argus acronyms

- Aa – Australasia
- AFR – Africa
- ARA – Amsterdam Rotterdam Antwerp
- b/d – barrels per day
- bl – barrel
- bn – billion
- Btu – British thermal unit
- CAGR – Compound annual growth rate
- CEE – Central and Eastern Europe
- CTO/CTP – Coal to olefins/Coal to propylene
- DME – Dimethyl Ether
- DMT – Dimethyl terephthalate
- EIA – Energy Information Administration
- EPA – US Environmental Protection Agency
- ETBE – Ethyl tertiary butyl ether
- HAc – Acetic acid
- HCHO – Formaldehyde
- INO – Indonesia
- kl – Kiloliter
- LAC – Latin America and Caribbean
- LPG – Liquid petroleum gas
- ME – Middle East
- MDF – Medium density fiberboard
- MDI – Methylene diphenyl diisocyanate
- MEA – Methylamines
- MeOH – Butadiene
- MMA – Methyl methacrylate
- mn – million
- MTBE – Methyl tert-butyl ether
- MTO/MTP – Butadiene to olefins/Butadiene to propylene
- NAM – North America
- NEA – Northeast Asia
- NZE – New Zealand
- OSB – Oriented strand board
- PET – Polyethylene terephthalate
- POM – Polyoxymethylene
- PBT – Polyethylene butyl terephthalate
- pc – percent
- RCA – Russia and Central Asia
- RFS – Renewable Fuels Standard
- ROW – Rest of world
- SEA – Southeast Asia
- SA – South Asia
- t – metric ton
- t/yr – metric tons per year
- TAME – Tertiary amyl methyl ether
- VAM – Vinyl acetate monomer
- WE – Western Europe
- yr – year
- eSBR – Emulsion Styrene Butadiene Rubber
- sSBR – Solution Styrene Butadiene Rubber

# Argus Butadiene and Derivative services

*Argus experts combine decades of experience and insight in analyzing the global markets for butadiene, from the upstream wellhead, via refineries and steam crackers, to downstream products such as synthetic rubber.*

## An Argus market service

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- 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

### Butadiene Analytics

- 5-year history, 10-year forward global butadiene supply/demand
- Trade capacity data forecast
- Quarterly updates addressing key industry trends
- Argus analyst access provides customers with tailored support

### Audience

- Anyone associated with the global butadiene industry, including producers, consumers, end users, traders, shippers and investors

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**ISSN:** 2399-939X

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