



Insights from ADI Chemical Market Resources



Batteries of the cars go round and round

As the EV market grows, ADI experts are helping to meet exponentially growing demand for critical minerals, metals and equipment, and battery waste growth. ADI is actively investigating critical mineral resources including new materials and chemistries for lithium-ion batteries. [Learn more >>](#)

What we are working on ...

- Global opportunity analysis for a polybutadiene (PBA) producer including product benchmarking and competitive benchmarking
- Decarbonization strategy and low carbon footprint assessment for a leading chemical group
- Polyol supply and market assessment for a spray polyurethane foam (SPF) producer
- Feasibility assessment of styrene-butadiene rubber (SBR) for high-performance use for a tire manufacturer

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Select Industry News Highlights

Plant announcements

Several plant announcements and expansions have been announced. A select list is summarized here, with a full list in the table below.

- SABIC opens a \$170 million Polybutadiene resin production facility in Singapore.
- SKMMA launches a chemical production facility in Israel.
- QIPAC starts production of a hydrogenated sulfone plant in India.
- Georgy announces the expansion of its propylene production in Rio, Brazil.
- BAEP will expand its expanded polyethylene production capacity in Germany.

Company	Announcement	Product	Capacity	Location	Energy
SABIC	Plant opening	Polybutadiene resin	150,000 t/a	Singapore	Nov 2024
SKMMA	Plant opening	Chemical production	100,000 t/a	Israel	Nov 2024
QIPAC	Plant opening	Hydrogenated sulfone	100,000 t/a	India	Nov 2024
Georgy	Plant expansion	Propylene	100,000 t/a	Brazil	Nov 2024
BAEP	Plant expansion	Expanded polyethylene	100,000 t/a	Germany	Nov 2024

Mergers and acquisitions

Highlights of recent M&A activity are listed here with a full list in the table below.

- Sony Advanced Composite completed the purchase of Goston Plastics.
- Waste Management finalized its \$1.2 billion acquisition of Enercycle.
- ABB Robotics (China) is acquiring a 50% stake in HEB Robotics (China) Petrochemical for \$104.3 million.

Acquirer	Acquired	Announcement	Value	Year	Completion
Sony Advanced Composite	Goston Plastics	Acquisition	\$100M	2024	Nov 2024
Waste Management	Enercycle	Acquisition	\$1.2B	2024	Nov 2024
ABB Robotics (China)	HEB Robotics (China)	Acquisition	\$104.3M	2024	Nov 2024

Feedstock supply contracts

Several feedstock supply agreements have been signed recently, highlighting a focus on sustainable gas, sustainable feedstock, and specialized materials.

- India to supply oxygen, nitrogen, and argon to TATA Steel in India.
- Chemical contracts with the Phospha-Gas for ammonia gases in Saudi Arabia.
- India will supply renewable and recycled feedstocks for polymer production to Dowchem in Saudi Arabia.
- Chevron Phillips collaborates with Braven Environmental for propyne of supply.

Company	Feedstock	Product	Location	Feedstock	Feedstock
PP Chemical	India	Oxygen, nitrogen, argon	India	India	Nov 2024
Phospha-Gas	India	Ammonia gases	Saudi Arabia	India	Nov 2024
Dowchem	India	Renewable and recycled feedstocks	Saudi Arabia	India	Nov 2024
Chevron Phillips	India	Propyne of supply	India	India	Nov 2024

Plant closures

Chemical producers in the U.S. are announcing plant closures. A summary of recent closures is provided in the table below.

Company	Product	Capacity	Location	Closure
Eastman	Acrylonitrile	100,000 t/a	USA	2025
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2025 ADI Forum

Discover the ADI Forum speaker lineup

Join us at the ADI Forum, the premier executive conference for the oil & gas, energy transition, and chemicals sectors coming up on February 11-12, 2025 in Houston, TX. Network with industry leaders, explore emerging technologies, and discover strategic insights for your business.

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Houston, TX
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David LaBonté
CEO, Shell Global Services

Michael Pagan
CEO, Phillips 66

George Engerer
CEO, M&P Energy

David LaBonté
CEO, Shell Global Services

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ADI Forum highlights

The 2024 ADI Forum filled three days with insights, energy, and networking. Watch video recordings of some of the sessions from the 2024 ADI Forum.

Mark your calendars for February 11-12, 2025 to join us at the ADI Forum next year.

Oil & Gas

Current trends in upstream operations

Robert Williams, Director, Sustainability, Chevron Energy Services and Michael Pagan, CEO, Phillips 66 discussed the ongoing consolidation in the shale industry.

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Energy Transition

Growth of innovation in energy

George Engerer, CEO, M&P Energy, David LaBonté, CEO, Shell Global Services, and Michael Pagan, CEO, Phillips 66 discussed the growing importance of AI in the energy sector.

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Chemicals

Material and ammonia panel

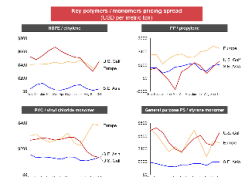
David LaBonté, CEO, Shell Global Services, Michael Pagan, CEO, Phillips 66, and George Engerer, CEO, M&P Energy discussed the challenges and opportunities associated with producing and using methanol and ammonia.

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Polyethylene Glycol (PEG)

Polypropylene (PP)

Polybutadiene (PB)

Polystyrene (PS)

Polyethylene Terephthalate (PET)

Polyvinyl Chloride (PVC)

Polyethylene Glycol (PEG)

Polypropylene (PP)

Polybutadiene (PB)

Polystyrene (PS)

Polyethylene Terephthalate (PET)

Polyvinyl Chloride (PVC)

Polyethylene Glycol (PEG)

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