

nitrogen + syngas

www.nitrogenandsyngas.com



Nitrogen+Syngas is the only publication to cover synthesis gas and its derivatives – ammonia, urea, nitric acid, ammonium nitrate, UAN, hydrogen, methanol, gas-, biomass- and coal-to-liquid technologies, providing in depth technical coverage on processes and developments worldwide.

Nitrogen+Syngas is now distributed to decision makers in 56 countries throughout the world.

WORLDWIDE DISTRIBUTION

An additional 2,500+ copies of *Nitrogen+Syngas* are distributed at all the key industry conferences and events worldwide, emphasising its recognised position as the market leading title and ensuring your promotion reaches a wide, targeted, global audience.

Official publication of:

- Nitrogen+Syngas
- ANNA
- Asian Nitrogen+Syngas

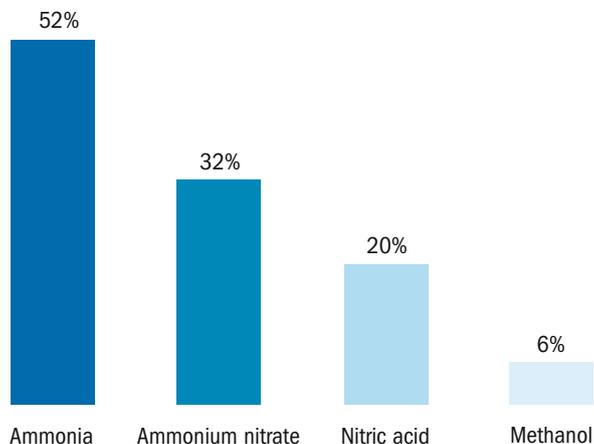
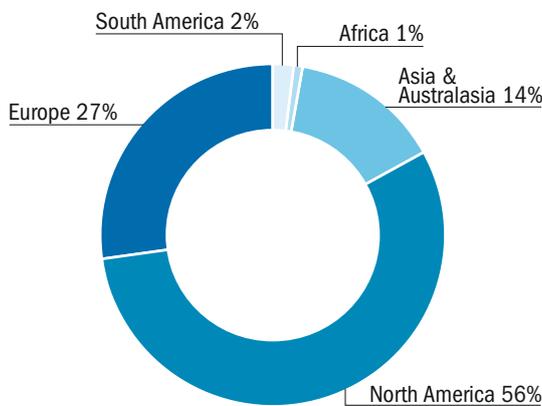
Additional distribution at:

- IFA Annual Conference
- AIChE Ammonia Safety Symposium
- GPCA Fertilizer Convention
- TFI World Conference
- Africa Fertilizers Agribusiness

TARGETED EXPOSURE

Digital back issues of *Nitrogen+Syngas* are accessed on regular basis – meaning your promotion is seen time and time again not just in the month of publication.

Nitrogen+Syngas is distributed to top level decision makers throughout the industry. Our readers are Presidents, CEOs, VPs, Technical Directors, Senior Engineers involved in production, logistics, shipping, plant, equipment, process licensing, construction, engineering, banks, governments, consultancies...



Circulation to companies involved in production

- 79% circulation to companies involved in technical nitrogen production
- 89% circulation to companies involved in nitrogenous fertilizer production

JANUARY/FEBRUARY

Advertisement deadline: 8 December 2016

● Southeast Asian nitrogen markets

Indonesia and Malaysia remain key exporters and are still investing in new capacity, while Thailand and, after a brief stint as an exporter Vietnam are major importers, but external factors such as South Asian demand and Chinese exports weigh heavily on the regional market.

● Nitrogen fertilizer project listing

A round-up of new ammonia, urea, nitric acid and ammonium nitrate projects worldwide.

● Process licensors

Profiles of key nitrogen process licensors.

● Early detection of process risks for improved safety and operational excellence

Most incidents and unexpected process failures can be avoided if the operating teams get timely information about developing risks and take preventive actions early on. This article outlines a transformational journey of an industrial fertilizer plant in achieving a proactive risk management culture and workflow through the use of a new early risk detection software platform, called Dynamic Risk Analyzer (DRA).

● 24/7 firebox monitoring in ammonia plants

Topsoe Furnace Manager (TFM) is a proven personnel and process safety system for ammonia plant primary reformers providing immediate economic benefits by avoiding outages and improving long term reliability.

MARCH/APRIL

Advertisement deadline: 10 February 2017

Distribution at: Nitrogen+Syngas 2017, London, UK

● Sourcing gas in Europe

Lower gas prices have eased the cost burden on European ammonia producers, but Europe remains dependent upon imports from elsewhere at the same time that gas markets are slowly liberalising.

● The effect of carbon markets

As emissions trading schemes and carbon pricing steadily spread, is it possible for there to be a level playing field for energy-intensive industries like ammonia and methanol, or will capacity be forced to the laxest regulatory environment?

● Strategies for hydrogen production

A look at the production options open for hydrogen generation in refineries and elsewhere.

● Nitrogen+Syngas 2017, London

A preview of CRU's Nitrogen+Syngas 2017 Conference which takes place at the Hilton London Metropole Hotel, 27 February to 2 March 2017.



● First performance assessments of innovative urea technologies

How are the latest new proprietary designs in urea plants performing and how do they benefit overall day-to-day performance of urea units?

● Personnel and equipment protection in ammonia plants

Many technologies are used for gas detection in ammonia plants in order to protect personnel and equipment. Toxic shelter-in-place or toxic safe havens are vital for deployment of gas detection as part of a strategy to manage risk from toxic releases.

MAY/JUNE

Advertisement deadline: 25 April 2017

● Methanol as a shipping fuel

Stena and Waterfront Shipping are now operating methanol-fuelled vessels and major engine manufacturers offer flexible fuel options. With regulations on sulphur content of marine fuels steadily tightening, is there a bright future ahead for methanol as a shipping fuel?

● Global urea markets

A review of key trends shaping urea supply, demand and trade worldwide.

● Caribbean nitrogen and methanol

Troubles in Venezuela, gas shortages in Trinidad and the rapid shift of production to the US Gulf Coast mean changing times in Caribbean nitrogen and methanol markets.

● Operational and performance improvements in steam methane reforming

Continuous improvements and modifications taking into consideration the availability of new materials, improvements in design and manufacturing, and the feedback from plant operators have led to today's state-of-the-art reformer designs.

● Highly efficient scrubbing systems in fertilizer complexes

A report on the latest emission scrubbing technologies designed to reduce energy consumption and protect the environment.

JULY/AUGUST

Advertisement deadline: 20 June 2017

Distribution at: AIChE Ammonia Safety Symposium, New York, NY, USA

● Safety incidents

A review of recent safety incidents in the ammonia, urea, nitric acid and ammonium nitrate industries.

● Urea to melamine

Melamine for resin production is a useful source of urea demand, and melamine production can offer useful synergies for urea producers as part of an integrated plant.

● China and the future of ammonia and methanol

A look at how proposed caps on energy consumption, fertilizer use and increased focus on environmental improvements in China's 13th Five Year Plan may affect the country's future production and export of ammonia, urea and methanol.

● Catastrophic incident analysis at urea plants

Analysis of root causes and lessons learned from major accidents in urea plants in the past 50 years.

● Optimising CO₂ removal systems in ammonia plants

What revamp options are available to increase the throughput, improve the energy efficiency and reduce solvent use in CO₂ removal systems to achieve the immediate and long term goals of operators?

● Formaldehyde-free urea granules

UFT has developed an alternative urea granulation additive which is capable of providing the same product quality as urea formaldehyde but which is not harmful to health and the environment.

SEPTEMBER/OCTOBER

Advertisement deadline: 22 August 2017

Distribution at: ANNA 2017 Conference, Austin, TX, USA

● Syngas project listing

A round-up of new methanol, hydrogen, gas to liquids and gasification based syngas projects worldwide.

● Trans-Pacific methanol

China needs methanol to fuel olefins production, while the US has cheap shale gas, but the economic arguments for building capacity in the US for export to China are more finely balanced than they might appear.

● UAN – not just a North American phenomenon?

In spite of the cost disadvantage of transporting water-based fertilizers as compared to solids, increasing safety and security concerns around solid ammonium nitrate fertilizers are seeing urea ammonium nitrate (UAN) solutions continue to gain in popularity.

● New concepts for nitric acid plants

Latest developments to reduce NO_x emissions, increase production, lower investment costs and improve reliability.

● Large scale plants keep getting bigger

The trend for larger ammonia, methanol and urea plants is driven by economy of scale. Despite the considerable step increases in capacity over the past decade, process licensors continue to develop and evaluate new concepts for even larger plants.

NOVEMBER/DECEMBER

Advertisement deadline: 18 October 2017

● Global ammonia markets

A review of key trends shaping ammonia supply, demand and trade worldwide.

● Power to ammonia

The rapid growth in renewable energy is a source of new headaches for power producers, especially what to do with surplus power at times of lower demand. Is there potential for small scale ammonia production to act as a way of storing power, either for use as fertilizer or even fuel?

● The prospects for Indian urea capacity

India would dearly love to substitute new domestic ammonia/urea capacity for foreign imports, but in spite of a concerted government push, gas remains scarce and coal-based projects have run into difficulties. What are the prospects for new Indian nitrogen capacity over the next few years?

● Modernisation of nitrate plants

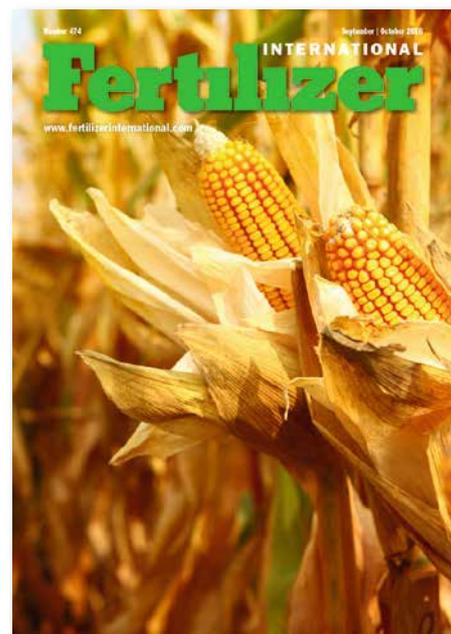
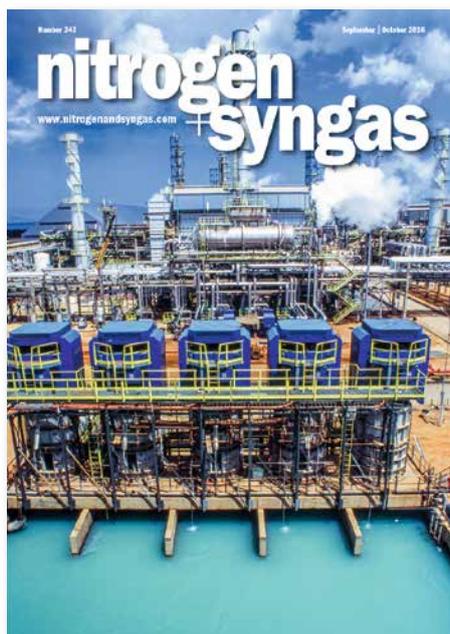
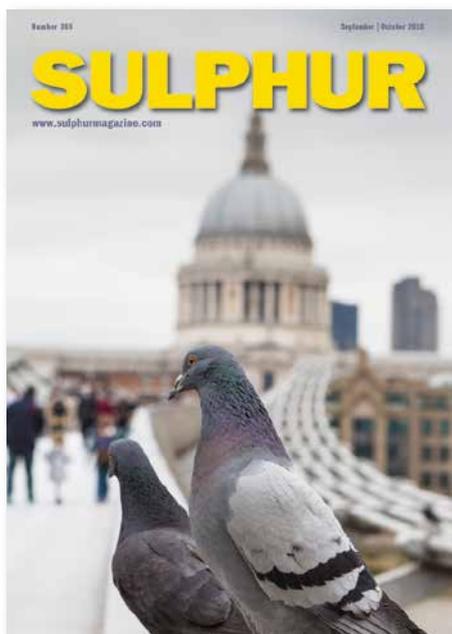
Latest technology trends and debottlenecking options to increase output and improve energy efficiency in ammonium nitrate and UAN plants.

● Design of critical equipment in syngas plants

The right technology selection can significantly reduce the cost of syngas production and help to improve overall plant profitability.



Advertisement rates



Size/colour	Single insertion			3 x insertion rate			6 x insertion rate		
Full page									
4 colour	£2000	€2600	\$3800	£1800	€2350	\$3335	£1640	€2135	\$3100
mono	£1250	€1625	\$2375	£1125	€1465	\$2135	£1010	€1320	\$1920
Half page horizontal									
4 colour	£1450	€1885	\$2755	£1375	€1788	\$2615	£1310	€1705	\$2485
mono	£700	€925	\$1330	£665	€865	\$1265	£635	€825	\$1205
Half page vertical									
4 colour	£1525	€1980	\$2900	£1445	€1880	\$2750	£1375	€1795	\$2600
mono	£735	€975	\$1400	£700	€910	\$1330	£668	€865	\$1265
Half page island									
4 colour	£1650	€2150	\$3135	£1565	€2035	\$2975	£1485	€1930	\$2825
mono	£780	€1015	\$1485	£745	€970	\$1415	£705	€920	\$1340
Quarter page									
4 colour	£1250	€1625	\$2375	£1180	€1535	\$2242	£1125	€1465	\$2138
mono	£500	€650	\$950	£475	€620	\$905	£455	€595	\$865
Double page spread									
4 colour	£3500	€4550	\$6650	£3150	€4095	\$5985	£2835	€3685	\$4875
mono	£2500	€3250	\$4750	£2250	€2925	\$4275	£2025	€2635	\$3845
Cover positions									
Outside back cover	£2200	€2860	\$4180	£1980	€2575	\$3765	£1780	€2315	\$3385
Inside front cover	£2200	€2860	\$4180	£1980	€2575	\$3765	£1780	€2315	\$3385
Inside back cover	£2000	€2600	\$3800	£1800	€2340	\$3335	£1640	€2135	\$3100

Page	Top banner		Side button	
	2 months	1 month	2 months	1 month
Home page	\$3000	\$1500	\$2950	\$1450
Fertilizer International & Fertilizer Industry Directory	\$2850	\$1350	\$2850	\$1350
Nitrogen+Syngas & Fertilizer Industry Directory	\$2850	\$1350	\$2850	\$1350
Sulphur & Sulphur Industry Directory	\$2850	\$1350	\$2850	\$1350

Banner data

Files to be supplied as static .jpg or animated .gif files

Position	Pixels
Top banner	500 (W) x 100 (H)
Side button	190 (W) x 250 (H)

BCInsight

**TOP BANNER ADVERT FILLS THIS SPACE
500 (w) x 100 (h) pixels**

COMPLETE COVERAGE OF THE INTERNATIONAL SULPHUR, FERTILIZER, RELATED CHEMICALS AND RAW MATERIALS INDUSTRIES

**SIDE BUTTON ADVERT FILLS THIS SPACE
190 (w) x 250 (h) pixels**

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Advertisement dimensions

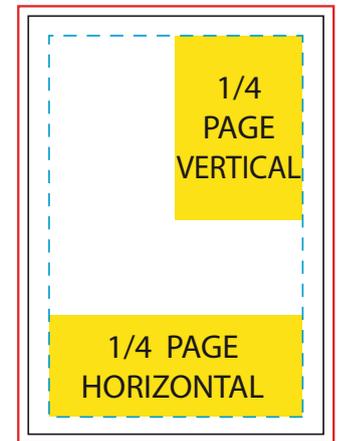
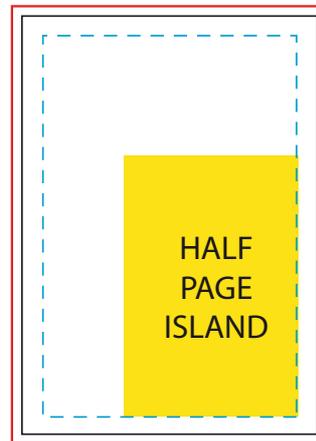
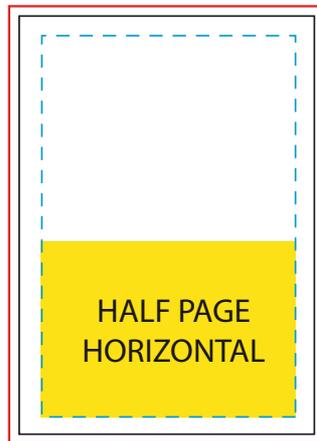
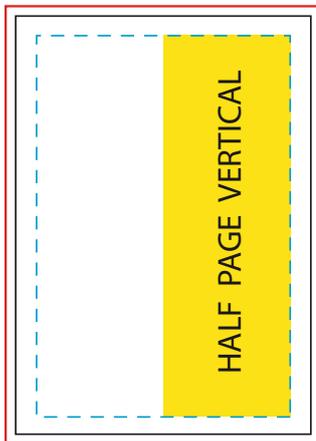
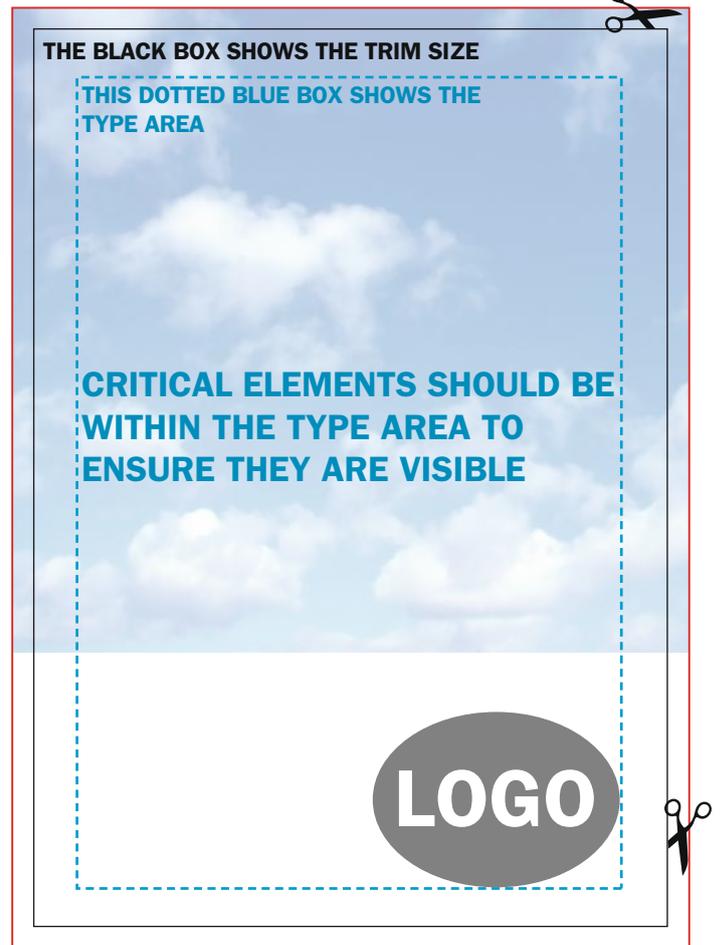
Sulphur, Nitrogen+Syngas & Fertilizer International

Space	mm	inches
Full page type area	178 x 262	7.0 x 10.32
Full page trim	210 x 297	8.23 x 11.69
Full page bleed	216 x 303	8.50 x 11.93
Double page spread trim	420 x 297	16.54 x 11.69
Double page spread bleed	426 x 303	16.77 x 11.93
Half page (horizontal)	178 x 124	7.01 x 4.88
Half page (vertical)	85 x 262	3.35 x 10.32
Half page (island)	117 x 180	4.61 x 7.09
Quarter page (horizontal)	178 x 72	7.01 x 2.83
Quarter page (vertical)	85 x 124	3.35 x 4.88

Sulphur & Fertilizer Industry Directories

Space	mm	inches
Full page type area	125 x 180	4.92 x 7.09
Full page trim	148 x 210	5.83 x 8.23
Full page bleed	154 x 216	6.06 x 8.50

THE RED BOX SHOWS THE BLEED SIZE.
BLEED IS AN EXTRA 3mm ADDED ON EACH EDGE OF YOUR DESIGN WHICH IS CUT OFF AT THE PRINTING STAGE.



Advertisement data

When preparing artwork for advertisements, please note the following:

- Digital files as high res PDF saved using the **press quality** settings.
- **CMYK only**. No RGB. No spot colours.
- Image resolution 300 dpi. Line art should be saved at 1200 dpi.
- All high res images and fonts must be embedded within the file.
- Printer's marks and document bleeds should be enabled.
- Output with no colour conversion, do not use OPI settings.

Please flight check your final files before supplying them. We will also make checks and will inform you of major problems before going to press, but this may cause delays.