

Natural Gas Perspectives – Rio 2019

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## Connecting the Global Energy Industry



# dmg::events

- Global database of over 1,000,000 oil & gas contacts
- We host over 40 energy events on an annual basis
- Active in 5 continents
- Suite of print and digital media covering the global oil & gas market
- dmg energy offices in London, Calgary, Houston, Dubai, Abu Dhabi,
   Singapore, Johannesburg, India, Tokyo and Seoul & Egypt
- dmg Global Energy hosts 3 of the top 4 oil & gas events

#### **Brazil Gas Market**



Global forecasts form consensus that natural gas & LNG will play an **increasingly vital role** as a source of energy worldwide, Brazil gas market overview are that:

**NATURAL GAS SUPPLIES UP**: The Brazilian Ministry of Mines and Energy (MME) Gas Statistics Report shows that the average Brazilian domestic natural gas (NG) supply in 2017 reached 60.46 million m3/day, up from an average of 52.40 mm3/d in the previous year.

**LNG EXPORTS TO BRAZIL**: To complement the domestic NG consumption in 2017, Brazil imported from Bolivia and LNG through the three existing LNG regasification terminals. The U.S. was the third largest LNG exporter to Brazil in 2017, following Nigeria and Angola. Other suppliers included Qatar, France, and Trinidad Tobago.

#### **IMPORT TRENDS:**

The domestic gas from Brazil's prolific pre-salt fields (PSF) is considered a potential future competitor for LNG imports;

Brazil needs to finds a way to bring its gas to the market, but until then there are opportunities for LNG exports to Brazil.

Brazil LNG imports are expected to rise again in the early 2020s, when the country's first long-term sale and purchase agreement to supply the CELSE LNG-to-wire project starts. Additionally, recent energy auctions and NG fired power plants under construction suggest a need for LNG over the next years.

### Gastech is...





The worlds largest meeting place for the upstream, midstream and downstream global gas & LNG industries



學 YEARS

At the forefront of the international gas & LNG market



Held in different strategic global gas production and consumer market locations



Organised by the industry for the industry

## 35,000 Attendees come to Gastech to...

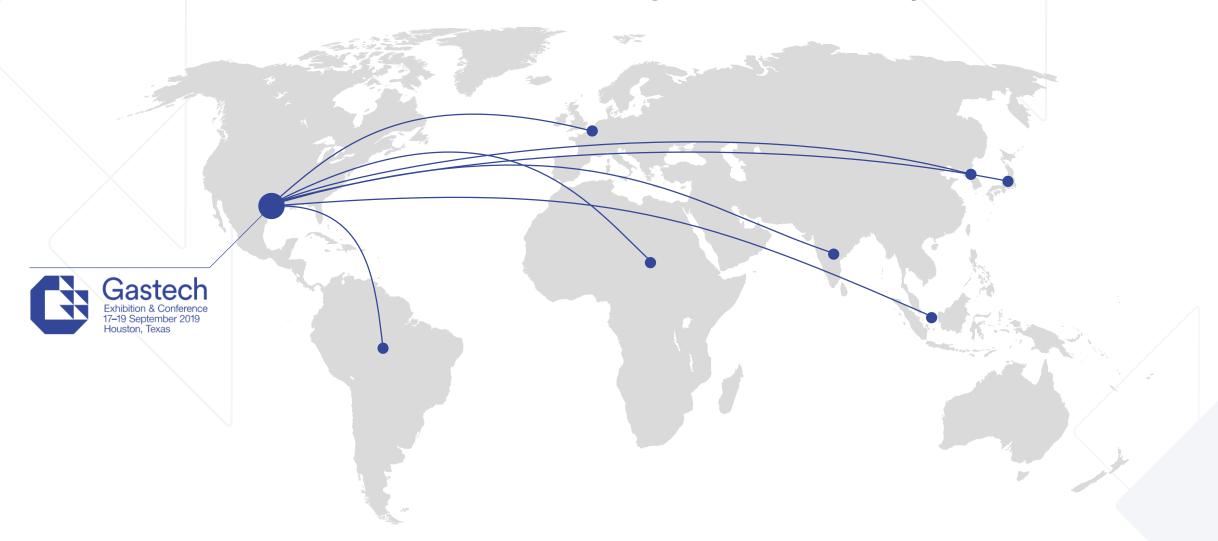




### Gastech Moves West for 2019



Hosted in the **heart** of the West's gas & LNG **demand epicentre** 





### A Trusted Brand for over 47 Years & 31 Editions



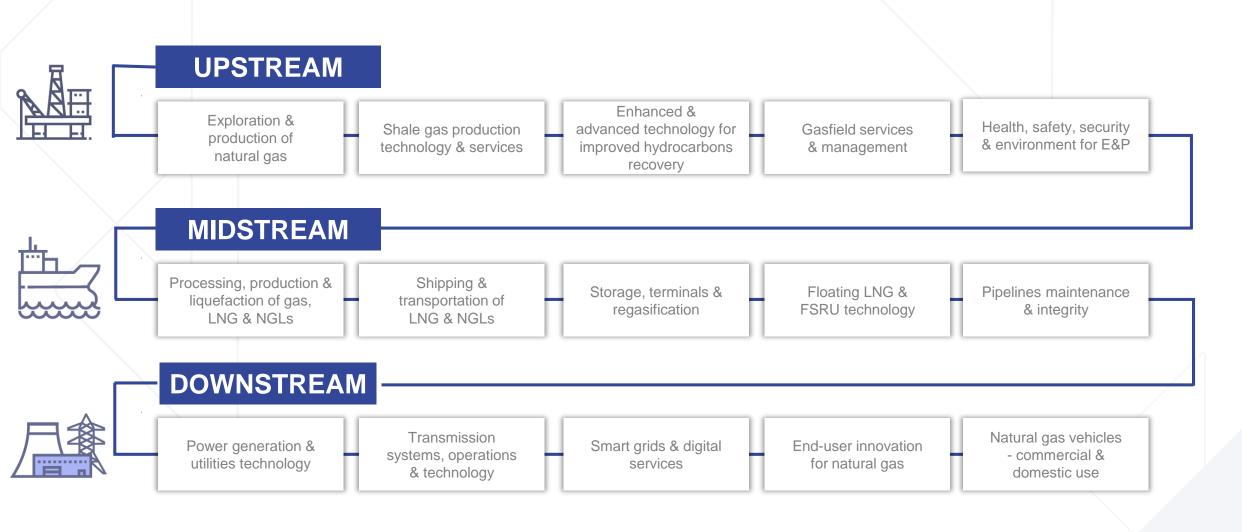


Gastech has been at the forefront of the gas and LNG business for more than four decades, with each edition being supported by a host partner since 2002.

2019 Houston, USA	2008 Bangkok, Thailand	1993 Paris, France	1979 Houston, USA
2018 Barcelona, Spain	2006 Abu Dhabi, UAE	1990 Amsterdam, Netherlands	1978 Monaco
2017 Tokyo, Japan	2005 Bilbao, Spain	1988 Kuala Lumpur, Malaysia	1976 New York, USA
2015 Singapore	2002 Doha, Qatar	1986 Hamburg, Germany	1975 Paris, France
2014 Seoul, South Korea	2000 Houston, USA	1985 Nice, France	1974 Amsterdam, Netherlands
2012 London, UK	1998 Dubai, UAE	1984 Amsterdam, Netherlands	1973 London, UK
2011 Amsterdam, Netherlands	1996 Vienna, Austria	1982 Paris, France	1972 London, UK
2009 Abu Dhabi, UAE	1994 Kuala Lumpur, Malaysia	1981 Hamburg, Germany	

## Covering the Complete Value Chain





#### Gastech 2019 in Numbers





700+
International exhibitors
& sponsors



55,000+ Sqm exhibition space



100+
Countries representing the global gas value chain

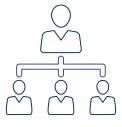


35,000+
International attendees



Speakers from leading energy companies and stakeholders

300+



1,200+
CEOs, Chairmen,
Managing Directors,
Presidents, Government
officials & Ministers



3,500+
Commercial and technical delegates

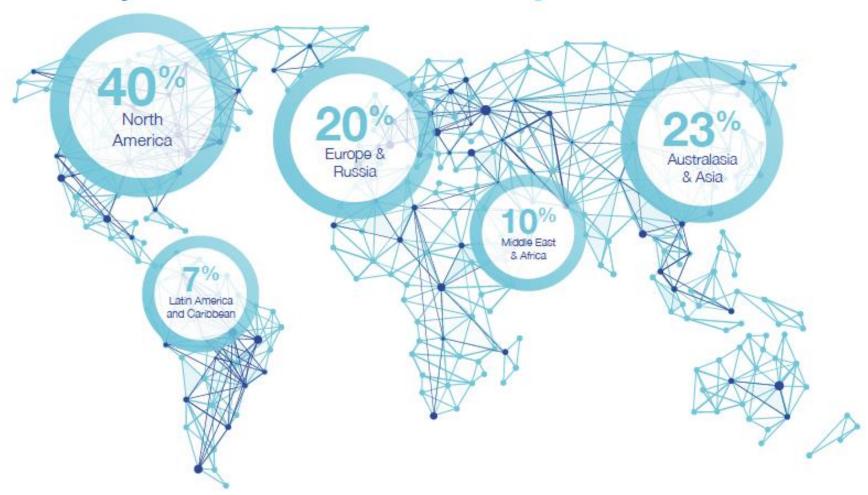


250
Commercial and technical presentations

### Who Will Attend



### Attended by International Industry Professionals



## Audience Profile / Job titles – Strategic Jobs



#### 3,500 delegates including:

- Ministers
- Policy Makers
- •COO's
- Vice Presidents
- Chairmen
- Presidents
- •CEO's
- Head of Departments & Directors
- General Managers
- •CCO's
- •CDO's
- •CTO's
- Board Members
- •Business Development Managers
- Sales & Marketing Managers
- Country Managers
- Traders
- Financiers & Lawyers
- Purchasing Managers
- Purchasing Directors
- Deal Originators
- Heads of Strategy

## From the following fields and many more:

- Arbitrage
- Atlantic Basin
- Co-Generation
- Commercialisation
- Community
- Compliance
- Contracts
- •CSR
- •CTO
- •E&P
- Electricity
- Energy
- •Engagement
- Ethane
- Exports
- Feedstock
- Finance
- •Financial Officer
- •Fleet
- •FLNG
- •FRSU

- Fuelling
- •Gas
- Gas Projects
- •Gas To Liquids
- Generation
- Government
- •GTL
- •HR
- •Hydrogen
- •Imports
- Infrastructure
- Innovation
- •Legal
- LNG Bunkering
- LNG Sales
- Monetisation
- Negotiator
- •NGV
- Operations
- Origination
- Policy
- Power
- Procurement

- Project Development
- Regulation
- Renewables
- •Risk
- Ship Broker
- Shipping
- •Solar
- Storage
- Strategy
- Supply
- Sustainability
- Synfuels
- Syngas
- Trading
- Transport
- Upstream
- Wind

#### Audience Profile / Job titles – Tech Jobs



#### 3,500 delegates across the following •Co-Generation job functions:

- Chairmen
- •CEOs
- Presidents
- Board Members
- Vice Presidents
- Directors
- General Managers
- Senior Staff
- Heads of
- Specialists
- Superintendents
- Supervisors
- Managers
- Engineers
- Technicians

#### From the following technical fields and many more:

- Analytics
- Artificial Intelligence
- Asset Integrity
- Automation
- Blockchain
- Business Development
- Business Innovation
- Capacity Building
- Carbon Capture
- Carbon Processes
- Cargo Systems
- Catalytic Processes
- Chemical Engineering
- Chemical Shipping
- Climate

- Commissioning
- Communications
- Community
- Completions
- Compliance
- Connectivity
- Construction
- Containers
- Contracting
- Corporate Affairs
- Critical Instructure
- Cryogenic
- Crypto
- Cyber Security
- Data & Analytics
- Deepwater
- •Digital Transformation / Digitalization
- Diversity & Inclusion
- Drilling
- •E&P
- Electrical Design
- Electrical Instrumentation
- Emissions
- Energy
- •Engine Conversion
- •Engine Design
- Environment
- •EPC Planning
- Exports
- Feedstock Procurement
- Field Planning
- Fleet Director
- Fleet Optimisation
- •FLNG

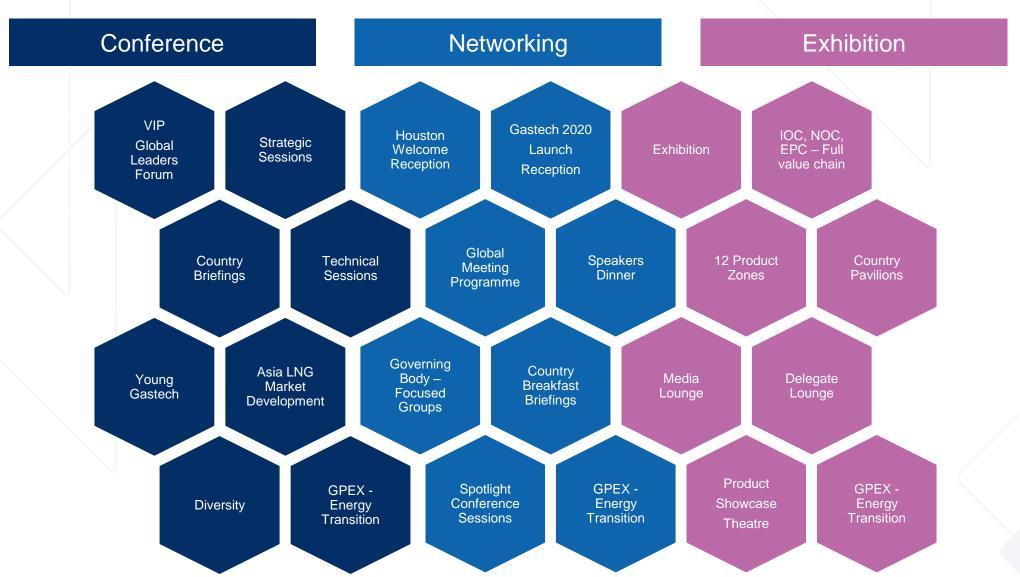
- Floating Technology
- Flow Assurance
- •FSRU
- •Fuel Cell
- •Fuel Procurement
- Fuel Supply
- Fuelling Infrastructure
- Future Energy Systems
- Gas & Power
- Gas Commercialisation
- Gas Fuel
- Gas Imports
- Gas Marketing
- Gas Monetisation
- Gas Processing
- Gas Projects
- Gas Quality
- •Gas Storage
- Gas Supply
- Gas Treatment
- Geology
- Government Relations
- •GTL
- •HSSE
- Human Capital
- Human Resources
- Hydraulic Fracturing
- Hydrogen
- Industrial Control
- Industrial Security
- Information Security
- Infrastructure Innovation
- •Knowledge Transfer
- Lead Process

- Legal
- LNG Bunkering
- •LNG Power Solutions
- LNG Processing
- •LNG Procurement
- **•LNG Production Operations**
- LNG Projects
- LNG Sales
- LNG Shipping
- LNG Storage
- LNG Tank Designer
- LNG Technical
- LNG Technology
- LNG To Power
- Local Content
- Long Term Sales
- LPG Engineering
- Marine
- Natural Gas Liquids
- Natural Gas Vehicles
- Naval Architecture
- Offshore
- Onshore
- Onsite Generation
- Operational Integrity
- Origination
- Petroleum
- Pipeline Integrity Policy & Framework
- Port Facilities
- Power Generation
- Principal Analyst
- Principal Cryogenic
- Process Control Technology

- Process Engineering
- Processing Technology
- Produced Water
- Project Development
- Project Financing
- Public Relations
- Quality Control
- Recruitment
- Regulation
- Renewables
- Research & Development
- •Reservoir Engineering
- Risk
- Robotics
- Rotating Equipment
- Security
- Shale
- Ship Brokering
- Shipping
- Site Operations
- Site planning and maintanence
- Small Scale LNG
- Standardisation
- Storage
- Strategy Structured Finance
- Subsea
- Sulphur
- Sustainability
- Trading Transport
- Treatment & Processing
- Unconventional
- Upstream

## Event overview – Gastech eco-system





## **Supporting Companies**





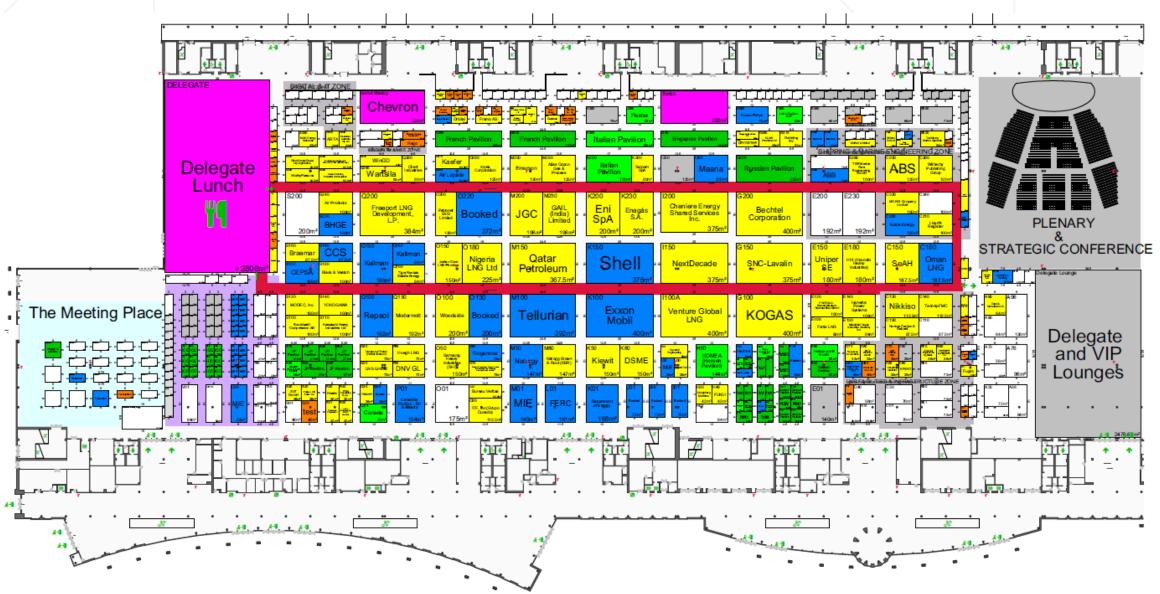
## **Supporting Companies**





## Exhibition – NRG Centre, Houston





#### **Exhibition: What's New?**



### 8 specialist Industry Zones...



Gas & LNG processing



LNG Facilities & Infrastructure



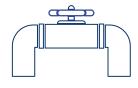
IT & Digital Infrastructure



Security & HSE



Natural Gas Vehicles (NGVS): road, marine & rail



Pipeline



Shipping & Marine Engineering



Storage

### Gastech 2019 exhibition will host

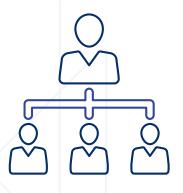


## 21 Country Pavilions...



### Conference – Strategic – Technical 2019 will be Bigger, Bolder, More Innovative





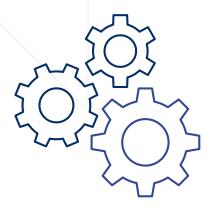
C-Suite/Leadership/ VIP & Ministerial

(9 Themes)



Commercial/Strategic

(18 Core Themes 30+ Sessions)



**Technical** 

(20 Core Themes 80 Sessions)

#### Technical themes you can submit your abstract on:



UPSTREAM



MIDSTREAM



DOWNSTREAM



Drilling Completions & Wellbore Management

Conventional Offshore E&P

Flaring Reduction

Flow Assurance

Gas from Shale Extraction Technologies

Gas Recovery Advancements

Managing Environmental Challenges of Hydraulic Fracturing

Reservoir Management

Management of High Pressure Temperature Wells

Ultra-Deepwater Plays

Upstream Field Development Production & Planning



Floating LNG – Liquefaction

Floating LNG – Regasification

Gas Processing Technology

Gas Quality

ISO Transport Containers and Trucking

Managing Methane Emissions

Natural Gas Transmission Pipelines & Storage

Pipeline Maintenance & Integrity Management

Shipping

Small Scale LNG

Storage & Tank Maintenance & Integrity Management

#### CO2 Recycling

Combined Heat & Power (CHP) Development

Ethane Transportation and Supply

Future Developments for Gas & LNG-Powered Transport

Hydrogen

Integrated Energy – Co Generation Technologies

LNG to Power

Power to Gas (Hydrogen via Synthesis)

#### 188F

Local Content & Corporate Social Responsibility

New Business Models for a New Energy Landscape

Recruitment, Development & Talent Retention

The Future Energy Supplier Landscape





## US Consulate - Brazil - Gastech 2019 Delegation



- IBP (International Buyer Programme) Support has been allocated to Gastech 2019
- Gastech will be the only major Energy Event within USA in 2019 to receive
   IBP Support to host international delegations.
- Opportunity to attend Gastech as a gas and LNG specialist with the US
   Commercial Service Brazil delegation
- Please contact

Regina Cunha Commercial Specialist

**U.S. Commercial Service** 

U.S. Department of Commerce | International Trade Administration American Consulate General - Rio de Janeiro Cellphone: +55-21-99628-3001 - Office: +55-21-3823-2416;

Email - Regina.Cunha@trade.gov







## Exhibit – Speak at Gastech



#### **Exhibition & Sponsorship at Gastech**

- Sandra Basler Regional Director Latin America sandrabasler@dmgevents.com
- Charlie Cracknell Portfolio Director Gastech charliecracknell@dmgevents.com

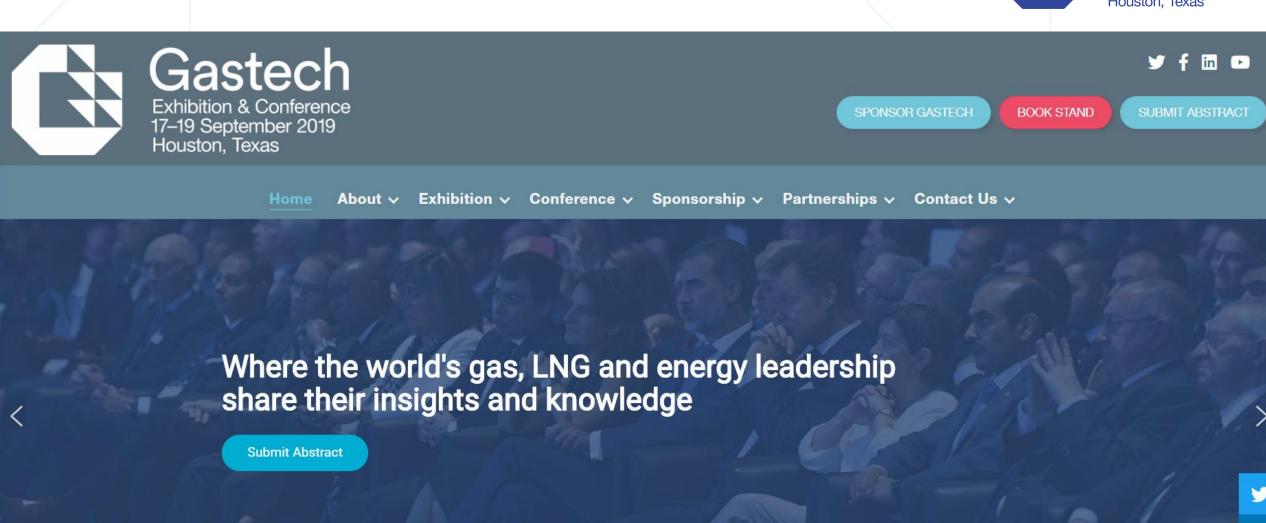
#### Conference

- To submit papers/abstracts
- Deadline 18<sup>th</sup> January <u>www.gastechevent.com/speak</u>

To find out more please visit – <u>www.gastechevent.com</u>

## Thank you - Questions





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