

IHS ENERGY

# Waterborne Commodity Intelligence: LNG

IHS Energy's LNG Waterborne Commodity Intelligence services leverage unique capabilities and methods to provide data and analysis of the global waterborne LNG market of unparalleled accuracy and detail.



# Waterborne Live LNG

Monitor the most complete, detailed and accurate view of the global waterborne LNG market, with continual updates.

## Aggregated Data Analysis

- **Import Volumes** – Monthly LNG imports + forecast data
- **Imports by Source** - Breakdown of monthly imports by country source
- **Inbound Volumes** – Volumes on the water, in 5-day increments, out to 40 days
- **Export Volumes** – Monthly export volumes by country of destination
- **Supply Matrix** - Comprehensive view of import destinations vs. export sources

## Continually-Updated Spot Economics

- **Spot Landed Prices**
- **Freight Rates, Netback Table**

## Expert Analysis

- **Focused analysis** providing insight into key trends and events
- **Immediate alerts** of key intelligence picked up by our analysis

Import Volumes	Imports by Source	Inbound Volumes	Exports by Destination	Supply Matrix	Tanker Updates	Pricing	Spot Analysis	Freight Rates					
Europe	Spain	All Terminals	<input type="checkbox"/> Re-export	BCF	MT 000s	M to M %	Y to Y %						
From: 2014	To: 2014												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2014													
Barcelona	409	364	88	203	119	115	216	261	61	295	173	151	2,455
Bilbao	140	57	184	58	56	127	117	71	119	62	119	117	1,225
Cartagena	116	181	150	243	211	59	140	140	243	177	117	250	2,026
Huelva	240	150	289	263	189	108	175	151	228	262	189	130	2,374
Mugardos	95	119	185	118	59	89	63	165	149	111	114	109	1,376
Sagunto	248	97	114	252	177	245	234	167	191	240	265	160	2,391
Gross Imports	1,248	969	1,009	1,137	811	744	944	953	991	1,146	977	918	11,847
Re-exports	59	173	410	527	507	305	169	261	320	582	285	182	3,780
Net Imports	1,189	796	599	610	304	439	775	693	671	564	692	736	8,067

## Voyage Record Detail from 2003 forward

### Shipment Information

- Date Arrived
- Re-Export Load Date
- Source
- Re-Export Port
- Vessel
- Region
- Country
- Port
- Tanker Capacity
- Volume

### Commercial Information

- Current Charterer
- Buyer
- Supply Plant
- Spot Cargo
- Spot Type
- Tender
- Charter Rate
- Charter Start Date
- Charter End Date
- Execution Date

Date Arrived	Source	Vessel	Country	Port	Tanker Capacity	MT 000s	Current Charterer	Buyer	Spot
	Abu Df	Aamira, Abadi, Abde	Argentina, E	Adriatic LNG, P			,, ADGAS, Adno	ADGAS, AE	no, ye
2015-02-22	Qatar	Mesai Meer	United Kingdom	Dragon LNG	216200	94	Qatargas	Petronas	no
2015-02-18	Nigeria	Ribera Del Duero Knutsen	Japan	Chita	173400	76	Shell	-	yes
2015-02-17	Trinidad	Trinity Arrow	Mexico	Manzanillo	152655	67	BP	-	no
2015-02-16	Peru	Galea	Spain	Bilbao	136900	60	Shell	-	no
2015-02-15	Nigeria	LNG Benue	Japan	Joetsu	144000	64	NLNG	Chubu Electric	yes
2015-02-15	Norway	Grace Cosmos	Japan	Nihonkai LNG Niigata	149700	66	GDF Suez	-	yes
2015-02-13	Qatar	Golar Bear	Belgium	Zeebrugge	154948	68	-	-	no
2015-02-11	Nigeria	LNG Ogun	Japan	Joetsu	145000	64	NLNG	Chubu Electric	yes

# Waterborne LNG Production Tracker

Keep tabs on global liquefaction volumes, capacity utilization and geographic distribution of supply to the global market. Monitor plant outages and get updates on scheduled and unscheduled outages and maintenance.

## Global Production data

- Production volumes for all countries globally
- Plant-level data available

## Production vs. Nameplate Capacity

- Monthly analysis of actual production vs. nameplate potential
- Viewable at either regional or country level aggregation

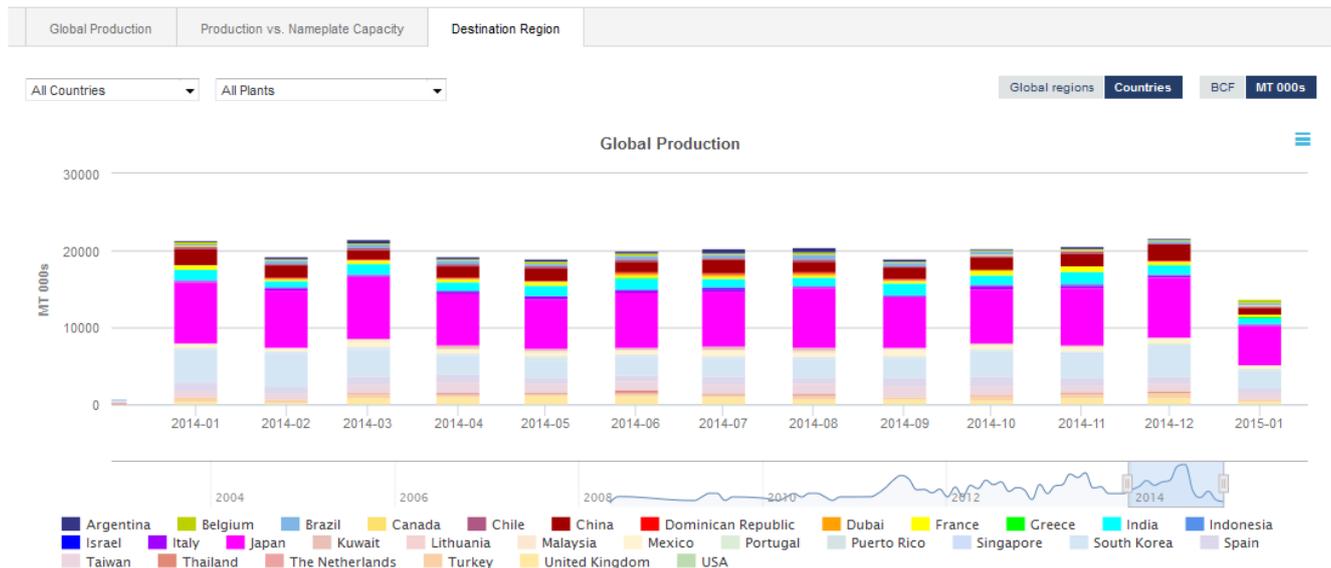
## Production Destination

- Track destination of LNG production down to the Country level
- Specify either country or production plant as a source

## Headline Analysis Notes of Interest

- Expert analysis of waterborne LNG production globally
- Published monthly

### LNG Production Tracker



## Who uses Waterborne Commodity Intelligence LNG services?

### Commodity Traders

Traders use Waterborne Commodity Intelligence to monitor the spot market in real time, to be the first to identify inbound tankers at all ports, view the menu of tankers coming off charter, and obtain time-sensitive market alerts.

### Research Analysts/ Strategic Planners

Analysts and planners use Waterborne Commodity Intelligence to analyze global LNG flows, monitor pricing trends, and drill down into voyage-specific commercial detail to better understand market dynamics, tanker fleet utilization patterns, and the commercial activity of other market participants.

# Key Differentiators

## Expert-Vetted Information produces Unparalleled Accuracy

Voyage records are never simply populated from tanker tracker data feeds with automated calculations. Instead, IHS LNG experts with deep knowledge of the market and access to proprietary information sources vet every single voyage record. Inaccuracies common to tanker tracker-sourced data are corrected, and commercial detail on the voyage is added. All aggregated LNG data provided to clients have been bottom-up calculated from these voyage-specific data records, and the underlying voyage information is always available for inspection.

We are the only data provider confident enough to publically demonstrate the accuracy of our data via annual comparisons with GIIGNL (The International Group of Liquefied Natural Gas Importers) statistics. Each year since 2011 IHS has subjected its waterborne LNG data to a rigorous comparison with GIIGNL reporting, and for each of these years we have found less than 1% difference in our volumetric data. We view the transparent presentation of our comparisons as critical to validating for clients the extreme accuracy provided by our unique methods whereby IHS LNG experts examine and confirm the details of each and every LNG shipment IHS Waterborne Commodity Intelligence reports.

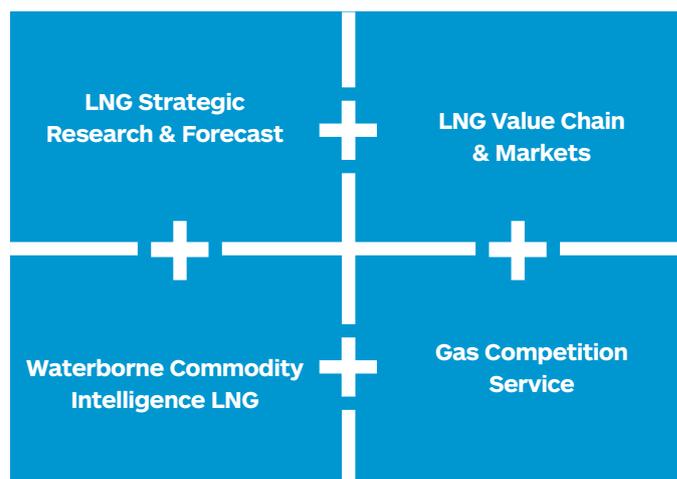
## Ground Intelligence Collection

For decades, our LNG analysts have maintained relationships with market participants throughout the industry: traders, producers, buyers, port authorities, and brokers. Via this proprietary network, IHS analysts obtain detailed market intelligence that is unavailable anywhere else. This unique vessel-level commercial detail is provided directly to clients via searchable voyage records. It is often critical to understanding hidden or emerging trends in the data, which our experts also present for clients in time-sensitive analytical reports.

## Part of IHS Energy's Comprehensive LNG Product Portfolio

IHS Energy produces a full range of LNG market analysis services, and Waterborne Commodity Intelligence LNG products fit seamlessly into that product portfolio. Along with our detailed waterborne LNG market analysis and data, subscribers can choose to receive:

- **LNG Strategic Research & Forecast Service:** Long-term scenario analysis and forecasting.
- **LNG Value Chain & Markets Service:** Liquefaction project profiles, country regasification outlooks, country profiles, company profiles.
- **Gas Competition Service:** Analysis of the global gas strategies of 50 companies.



### FOR MORE INFORMATION

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### ABOUT IHS ENERGY

IHS Energy, a part of IHS (NYSE: IHS), is the industry's authoritative provider of information, analytics, and insight to help customers to understand the interconnected, dynamic forces that shape energy markets and asset performance. Our experts and analytical tools enable customers to continuously improve their strategy and operations across the entire energy value chain, covering oil and gas, coal, power, and renewables.

