



The Oil & Gas Market's
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Special Presentation

JODI: Better Data – Better Analysis – Better Decisions

13th International JODI Conference



JBC ENERGY

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About the JBC Group



- Independent & Unbiased Industry Experts.
- Highly specialised consulting & analytical services solely focused on the oil & gas industry.
- Founded in 1994 as research arm of PVM. A 20 year history of successfully delivering consulting projects in the area of forecasting, pricing, energy trading, risk management, etc.
- One of the world fastest growing independent oil & gas market research centres.
- Staffed by mixture of energy industry veterans and professional consultants that allows us to bring real world experience plus business, process and technical innovation to our clients.



In 2005 JBC Energy (back then called PVM Oil Associates) was hired by the IEF to provide feedback on the reliability of JODI data against expected quality standards

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Agenda





- Importance of JODI
- How does JBC Energy use JODI
- Factors essential for JODI to succeed

Importance of JODI

Importance of JODI

#ENERGY JULY 19, 2017 / 2:52 PM / 2 MONTHS AGO

COLUMN-Saudi Arabia empties domestic crude tanks: Kemp

Reuters Staff 5 MIN READ  

(John Kemp is a Reuters market analyst. The views expressed are his own.)

* Chart 1: tmsnrt.rs/2uLi9dC

* Chart 2: tmsnrt.rs/2ua1nmg

* Chart 3: tmsnrt.rs/2tFTVM6

By John Kemp

LONDON, July 19 (Reuters) - Saudi Arabia has been progressively reducing its bloated domestic stocks of crude in a sign the global oil market is rebalancing, albeit more slowly than OPEC anticipated.

Saudi Arabia's domestic crude stocks declined in 16 of the 19 months between November 2015 and May 2017 according to government data reported to the Joint Organisations Data Initiative (tmsnrt.rs/2uLi9dC).

Simply speaking:
People increasingly use it, and this
is not just anecdotic evidence, JODI
is making headlines and...

Bloomberg Markets Markets Tech Pursuits Politics Opinion Businessweek

Saudi Crude Exports Fall Just as Domestic Stockpiles Dwindle

By **Claudia Carpenter**
17 August 2017 09:12

- Shipments drop to lowest since September 2014: Jodi data
- Energy Minister Al-Falih promised even deeper cuts for August

Saudi Arabia, the world's biggest crude exporter, shipped the least oil in almost three years in June, just as domestic stockpiles are dwindling.

Exports fell to 6.9 million barrels a day, the lowest since September 2014, from 6.92 million in May, according to data Thursday on the Joint Organisations Data Initiative website. Domestic stockpiles stood at 256.6 million barrels, the lowest since January 2012, the data show.

... JODI is developing into a very powerful and internally recognised data tool in an often very opaque environment.

Importance of JODI



- Our experience confirms that international oil companies, refiners, traders, and banks rely on JODI data
- In GENERAL it is the only
 - **publicly/freely available** database aiming to provide
 - an all encompassing and comprehensive **global overview** of historical and recent trends in the oil & gas market
 - for **crude, all oil products** and **natural gas**
 - with **monthly data** collected according to
 - the **same methodology**
 - in a uniform **format**
 - in a single **language**
 - in a single **location**

As simple as this sounds, this STANDARDISATION makes JODI very powerful for **all types of users** (incl. Media) => Transparency
- In SPECIFIC it is the only
 - **source of data on many Non-OECD countries as well as the**
 - **the source of the most recent data on**
 - Non-OECD trade
 - But also OECD trade: IEA MODS service DOES NOT contain “M-1” month. JODI does

Importance of JODI



The world is trading

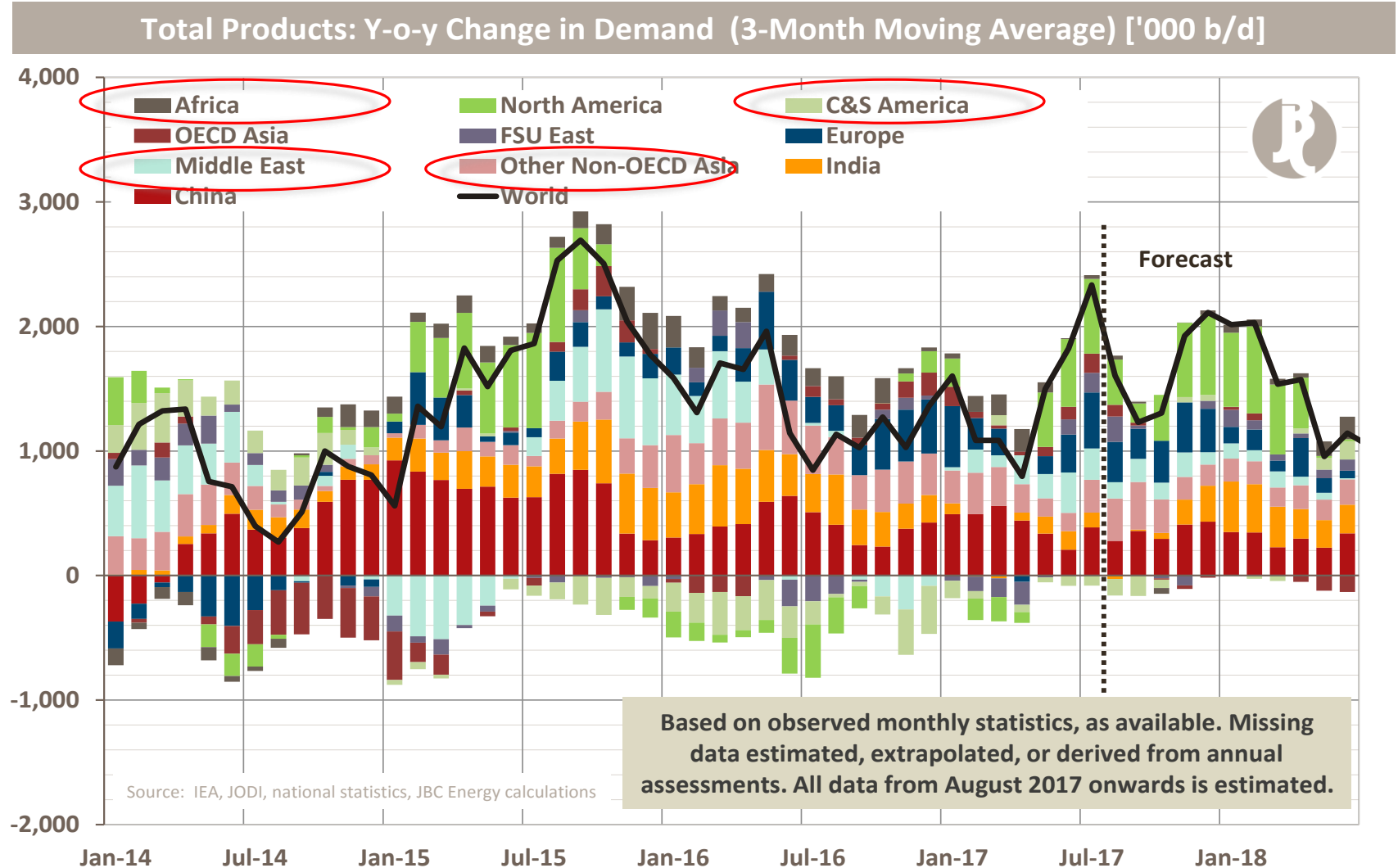
- on any little indication on changes in all sorts of data
- within parts of a second, which can decide how successful a trade was

=> Therefore, an organisation which builds the bridge between OECD and non-OECD (and thus provides higher transparency and insight into now more than 50% of the worlds global oil demand developments) is not only important but essential in today's world

How does JBC Energy use JODI?

- An additional input factor for
 - our global/regional/country balances
 - Contributing to our forecasts on a country-by-country and product-by-product and sector-by-sector basis for supply, demand, inventories, trade flows, prices, etc
- At the end this contributes to the accuracy of our forecasting capacities and thus
 - *better Data -> **better Analysis** -> better Decisions*
 - These decisions may be anything between short term trading decision to long term investment decisions

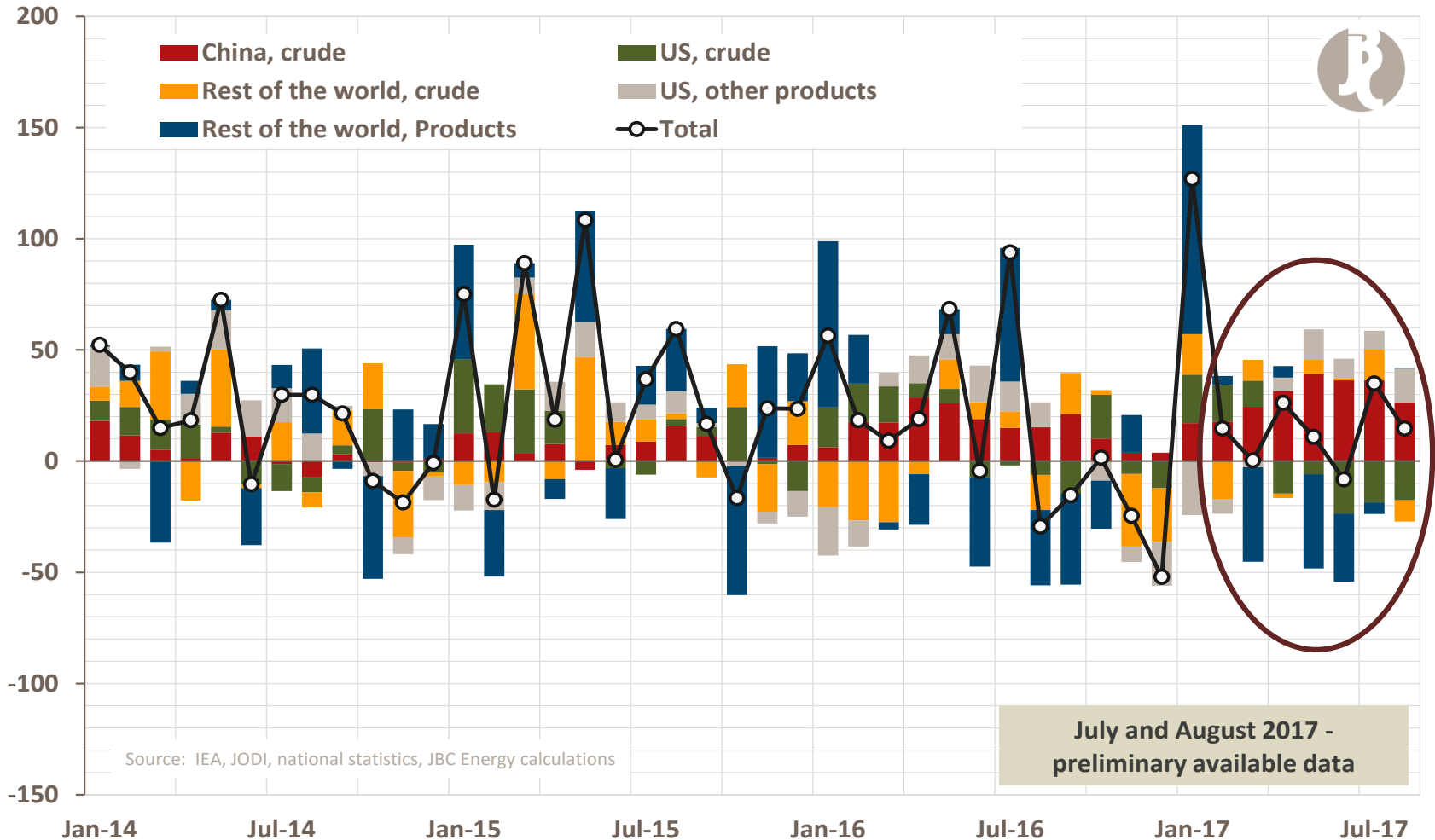
JBC Energy uses of JODI



JODI figures help us to assess M-1 month for OECD and provide crucial information on non-OECD developments

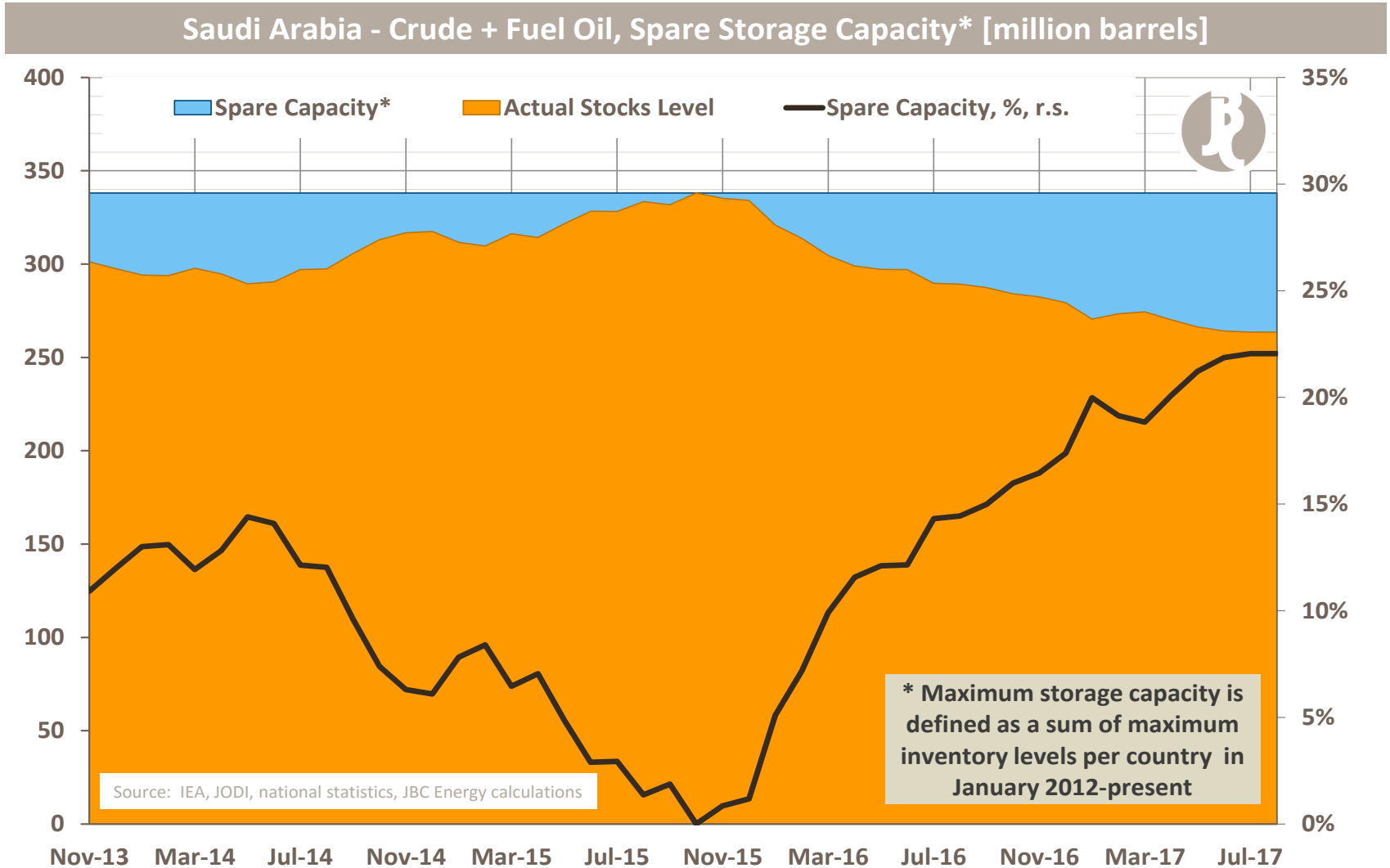
JBC Energy uses of JODI

Global Observed Monthly Stock Change [million barrels]



JODI figures help us to assess M-1 month for OECD and provide crucial information on non-OECD developments

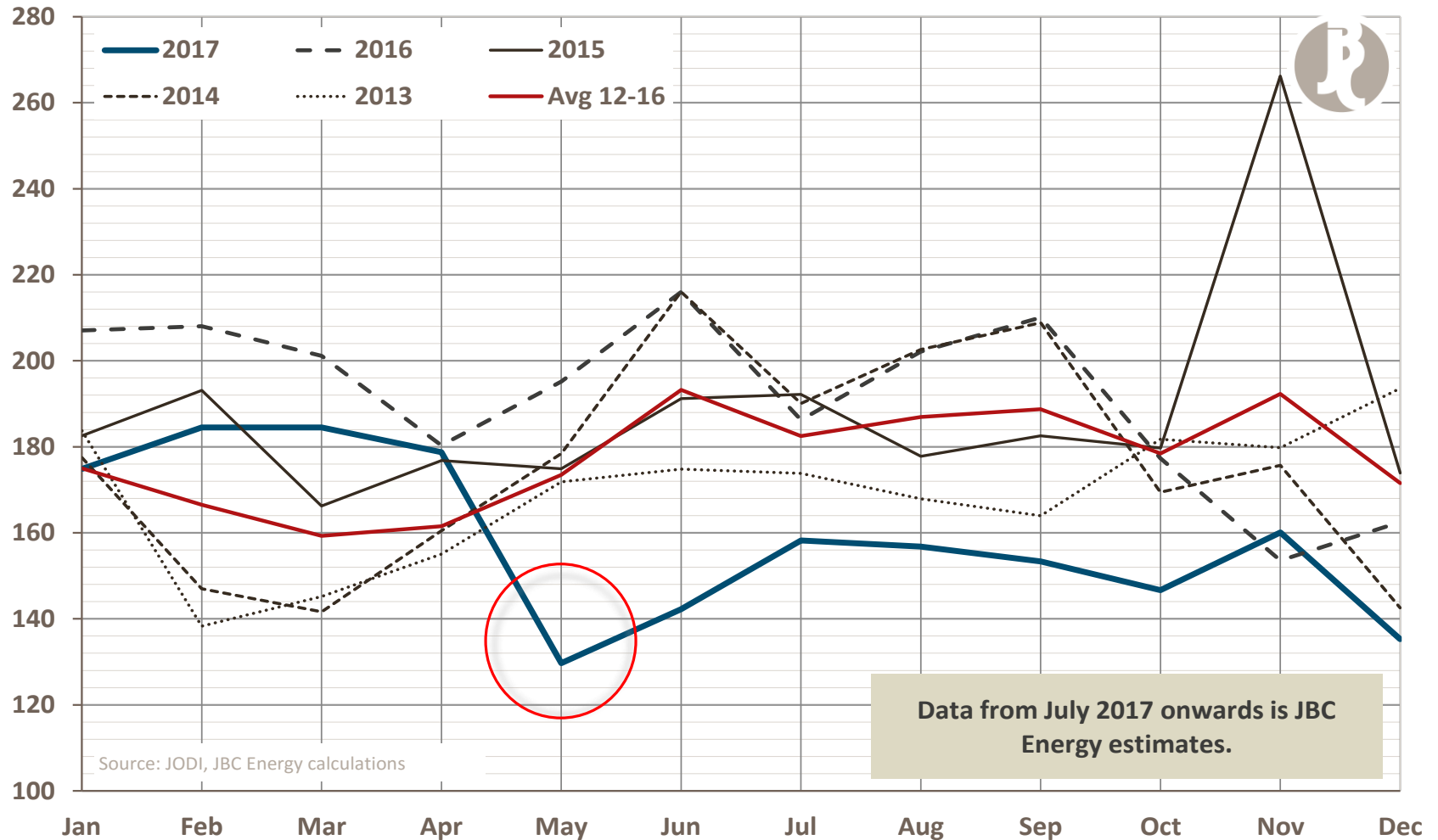
JBC Energy uses of JODI



Saudi Arabia JODI figures are closely watched: Crude oil stocks were depleted by about 75 million barrels since Nov-15.

JBC Energy uses of JODI

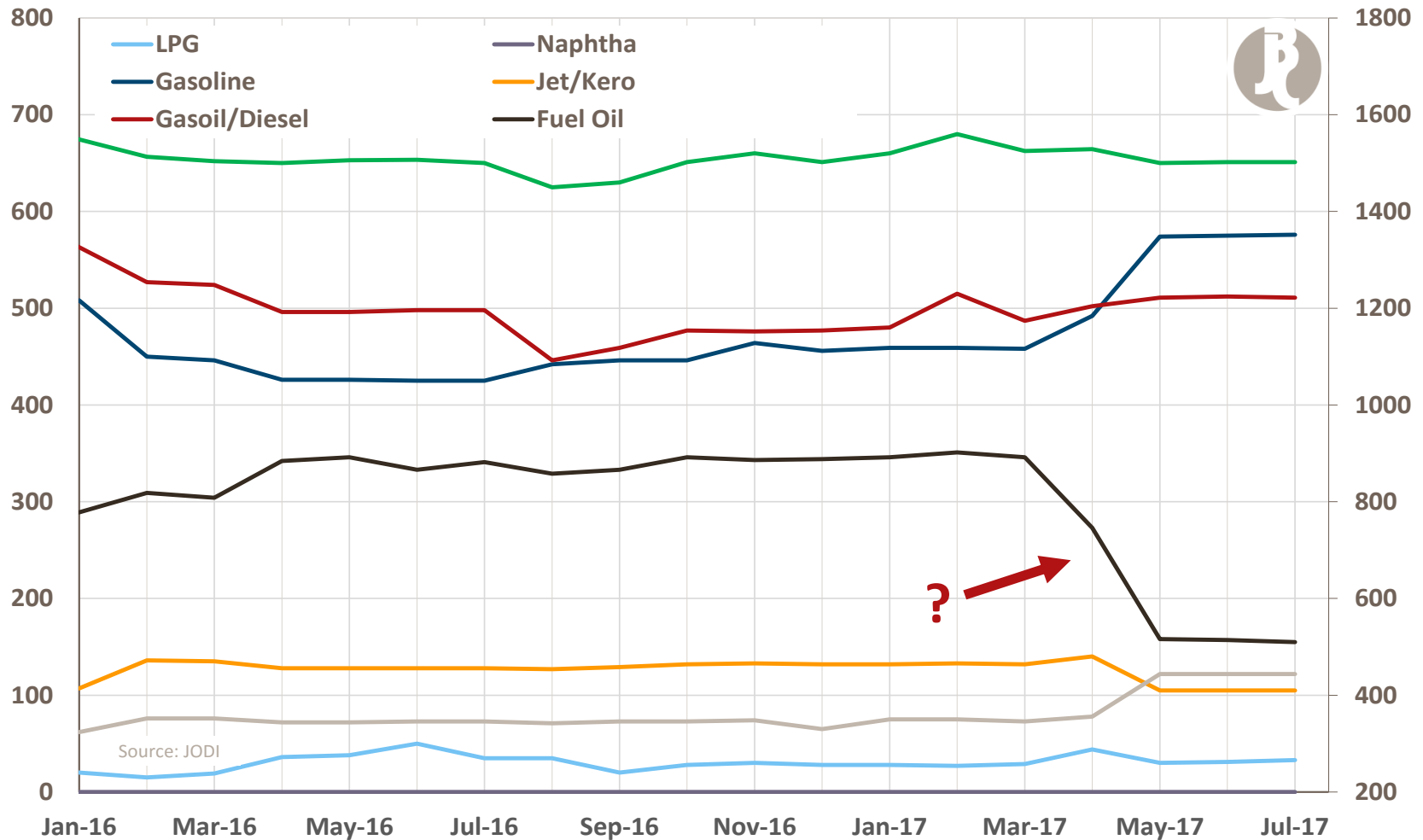
Egypt: Fuel Oil Demand ['000 b/d]



JODI figures help us to assess /confirm major developments. Egypt: The first phase of the Siemens' Megaproject (will be the world's largest natural gas power plant) was put into commercial operation. Significant reductions to fuel oil imports from the beginning of the year, to demand later on.

JBC Energy uses of JODI

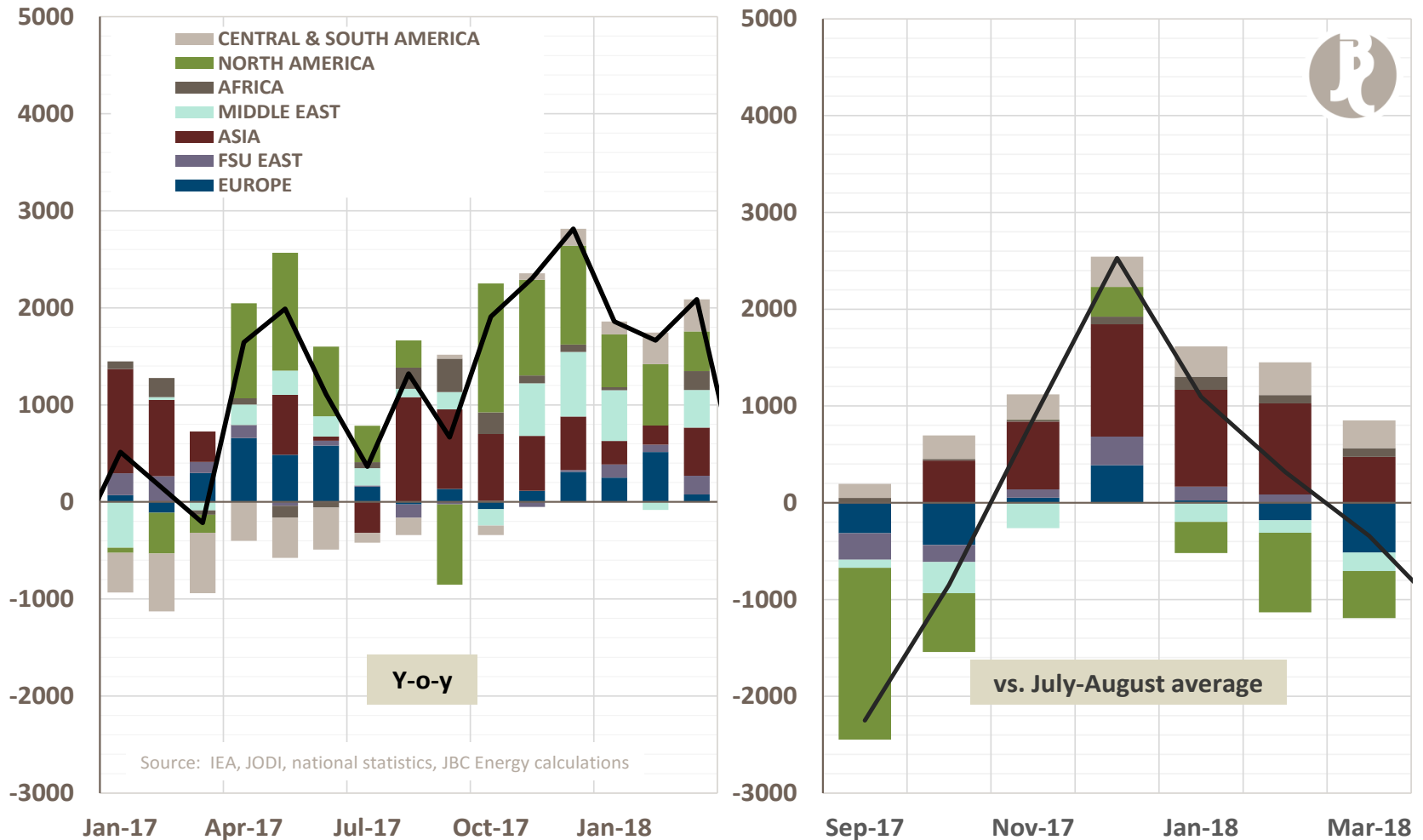
Iran Product Demand according to JODI ['000 b/d]



Iran: Demand decline between April and July might be explained by the recent commissioning of a new gas pipeline to feed the north of the country and causing feedstock substitution in power generation. We are sceptical about the magnitude of the decline.

JBC Energy uses of JODI

Total Crude Run Growth by Region ['000 b/d]



While JODI provides one part of the historical assessments on a country level, JBC Energy mostly focuses on the forecasts and regional/global developments.

What is essential for the success of JODI

Factors essential for JODI success

- Regular reliability checks of all received input
- Quality assessment, comparability with national statistical sources
- Regular check of definitions
- Metadata with actual information
- JODI support unit: inquiries about data issues and ability to adjust/correct data

RELIABILITY

- Aim to reduce missing data, especially for the most recent months

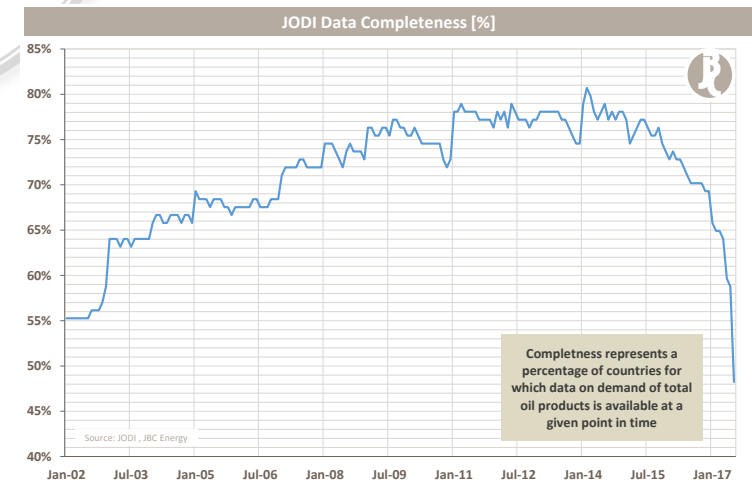
COMPLETENESS

enhancing

TRANSPARENCY

- Data release information/commentary
- JODI support unit: inquiries about data issues
- Revisions: Information on what has changed month-on-month:
 - by country & product
 - previously missing data that has become available
- OECD demand: JODI vs. IEA differences

TIMELINESS





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Thank you!

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