Better Data – Better Decisions

Joint Organisations Data Initiative: JODI and Importance of Energy Data Transparency

Fuad A. AlZayer
Coordinator, Energy Data Transparency – JODI, IEF, Riyadh
Content

1. JODI as a key pillar of the IEF

2. Why does the world need energy data transparency?

3. The journey of JODI: Year 2000 and still going strong

4. JODI high on the international agenda
1. JODI as a key pillar of the IEF

2. Why does the world need energy data transparency?

3. The journey of JODI: Year 2000 and still going strong

4. JODI high on the international agenda
Successful Model of International Cooperation
Designed by Policy Makers

Ministerial Inspiration since 2000

The 7th International Energy Forum host and the co-host statement emphasised the importance of “improving and timely accessing to energy data” for “market assessment and transparency”.

Jodi Better Data, Better Decisions
Energy Transparency is at the Core of the IEF

• Neutrality

• Global Dialogue & Cooperation

• Energy Data Transparency (JODI)
Content

1. JODI as a key pillar of the IEF

2. Why does the world need energy data transparency?

3. The journey of JODI: Year 2000 and still going strong

4. JODI high on the international agenda
JODI was born in late 90’s to address oil prices volatility

Source: Chicago Board Options Exchange Crude Oil
JODI Started with Oil

- Oil’s fuel share steady growth
- A large percentage of this demand for Non-OECD industry
- Petrochemicals will play a dominant role in the future of Oil

BP Outlook, 2017
So, how does JODI work?

Cooperation model across data chain

Hundreds of Energy Companies feed their data to...

... more than 100 national administrations which then submit their data to...

... the 7 JODI Partners who deliver their findings to...

... the International Energy Forum which consolidates their data...

... and populates the JODI WDB available at www.jodidata.org

... which is used by a global audience, including market analysts, traders, investors, and government officials
JODI Collaboration Across the Industry
Content

1. JODI as a key pillar of the IEF

2. Why does the world need energy data transparency?

3. The journey of JODI: Year 2000 and still going strong

4. JODI high on the international agenda
Much progress made since 2000

- 2000: JODI was set up by (APEC/EUROSTAT/IEA/OLADE/OPEC/UNSD)
- 2003: JODI became a permanent initiative
- 2005: The IEF assumed the role of JODI Coordinator
- 2005: **JODI-Oil world database (90+ Countries) opened**
- 2009: JODI-Gas “exercise” (52 Countries) initiated
- 2012: Extended JODI-Oil data points released
- 2014: GECF became a JODI Partner
- 2014: **JODI-Gas with 75+ Countries launched**
- 2017: JODI Data can be seen on Industry Platform
Key Moments in JODI History

JODI-Oil World Database Public Launch November 2005

JODI-Gas World Database Public Launch May 2014
Active Engagement to make JODI happen

- JODI conferences & Seminars
- **Regional training workshops (Capacity Building)**
- Coordination meetings with JODI Partners
- Monthly update of database, managing the JODI website, etc.
- Continues interaction with: Leaders, stakeholders, users, media, researchers to increase visibility
JODI conferences: Latest JODI conference held in (London) in 2017

- Largest JODI Conference held (120+ Attendees)
- Large engaging data user attended
- With focus on cooperation with academia
- JODI is now a reference for Energy Analysis & modelling
- Strengthening relations with Data Users and researchers
Engagement with energy data analytic community: JODI User Seminar Series

• The first seminar was held in Geneva in collaboration with the University of Geneva.
• The second seminar took place at the Institute of Director in London.
• To help ensure a dynamic exchange of ideas places was limited to around 50 JODI data-users and technical experts.
JODI Capacity Building Workshops: A Key Component of JODI Journey
Extending JODI Reach: 16th Workshop for EU4Energy Countries, Odessa, Mar 2018

• In Collaborations with the IEA and EU4Energy
• JODI Partners Participations
• 50+ Attendees
• Back-to-back with another IEA Data Workshop/ Transport Symposium
Recent Additional JODI-Oil Participating Countries

114

Armenia
Belarus
Bangladesh
Gambia
Niger
Tajikistan
the FYR of Macedonia
Mauritius
Moldova
Bermuda

2018
Efforts to Extend JODI-Oil Reach

Participation countries/regions
Non participation countries/regions
Recent Additional JODI-Gas Participating Countries

2018

85

Angola
Algeria
Iraq
the FYR of Macedonia
Nigeria
Kazakhstan
Efforts to Extend JODI-Gas Reach

- Participation countries/regions
- Non participation countries/regions
Content

1. JODI as a key pillar of the IEF
2. Why does the world need energy data transparency?
3. The journey of JODI: Year 2000 and still going strong
4. JODI high on the international agenda
JODI: High on the Policy Agenda

- G20
- G8 actions on energy & climate change
- IEF Ministerial Meetings
- Asian Energy Ministerial Roundtable Meetings
- IEF-IGU Ministerial Meetings
- Annual EIA Conference
- High Level JODI Partners Events
- Various Industry Events
JODI: High on the Political Agenda

JODI Information Seminar | 21 November 2017 | Santa Cruz de la Sirrra, Bolivia

Hosted by GECF 2017 - Bolivia with support of Joint Organisations Data Initiative (JODI) partners

The JODI Seminar held in Bolivia on November 2017 was Inaugurated by the HE President Evo Morales Ayma of Bolivia
“…Ministers recognized the progress made by the JODI Partner Organisations welcoming the fact that JODI data now appears at Data Re-Distribution Agencies Industry platform (Argus, Bloomberg and Thomson Reuters) and thus greatly improves JODI data reach and visibility to users globally…” - Asian Ministerial Energy Roundtable AMER7 2017

“…We commit to strengthen JODI by ensuring greater visibility, more complete and comprehensive data, enhanced access and improved availability, and by maintaining support for capacity building…” - G20 Leaders Declaration

“… strong support for the progress on the usage and data capture, particularly with the launch of JODI Gas. Some members suggested expanding JODI to new energy resources…” - G20 ESWG Meeting 2015
Global media values JODI
Both producers and consumers will benefit from a more stable and transparent energy market
What are those benefits?

- Reduces market volatility & ensure market stability
- Supports sound decision-making
- Facilitates improved short-term forecasts
- Encourages investments
- Concrete outcome from producer-consumer dialogue
Energy Data Transparency Matters All

“...Everyone matters...”
JODI started with Oil: Oil is Historically the leader of energy sources

Source: OPEC World Oil Outlook 2017
“New Russian oil fracking technology could prove more productive than conventional fracking…” **Ship & Bunker, Aug. 2017**

“JODI data shows that Saudi Arabia’s crude oil exports fell to 6.889 million bpd in the month of June: ...” **Reuters, Aug. 2017**

“Crude Oil Prices May Extend Drop with US Supply Trends in Focus”... **DailyFX, Apr. 2017**

“Whenever we ask the Saudi oil minister about Saudi production, he always tells us to check the JODI website.” **Wael Mahdi, Energy Correspondent, Bloomberg**

“JODI is an invaluable database that allows oil market analysts easy and ready access to understand the supply and demand fundamentals of the energy market.” - **Octavio Santa Gadea, Trading Strategist, Phillips66 International Trading Ltd.**