

Better Data – Better Decisions

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

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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

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Successful Model of International Cooperation Designed by Policy Makers- JODI was born

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**”.



What the IEF can do for you?

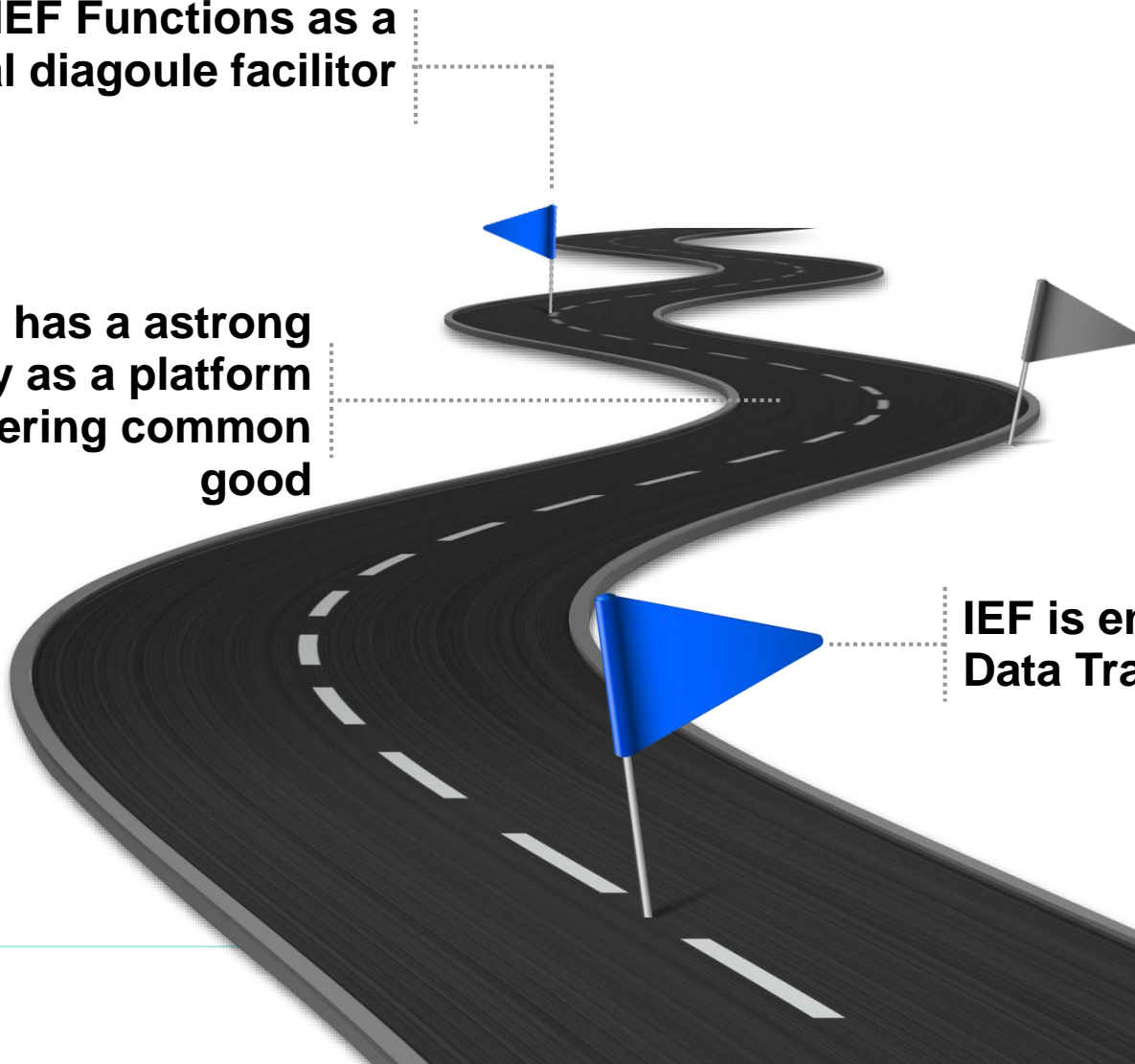
- Provide a neutral and energy specific forum to facilitate...
- A more secure environment for investment
- The advance efficient development of sovereign resources
- Encourage mutually advantageous development of infrastructure

Role of the IEF- Energy market security and orderly energy transitions

The IEF Functions as a neutral diagooule facilitor

IEF has a astrong history as a platform for fostering common good

IEF is engaged on Energy Data Transparency



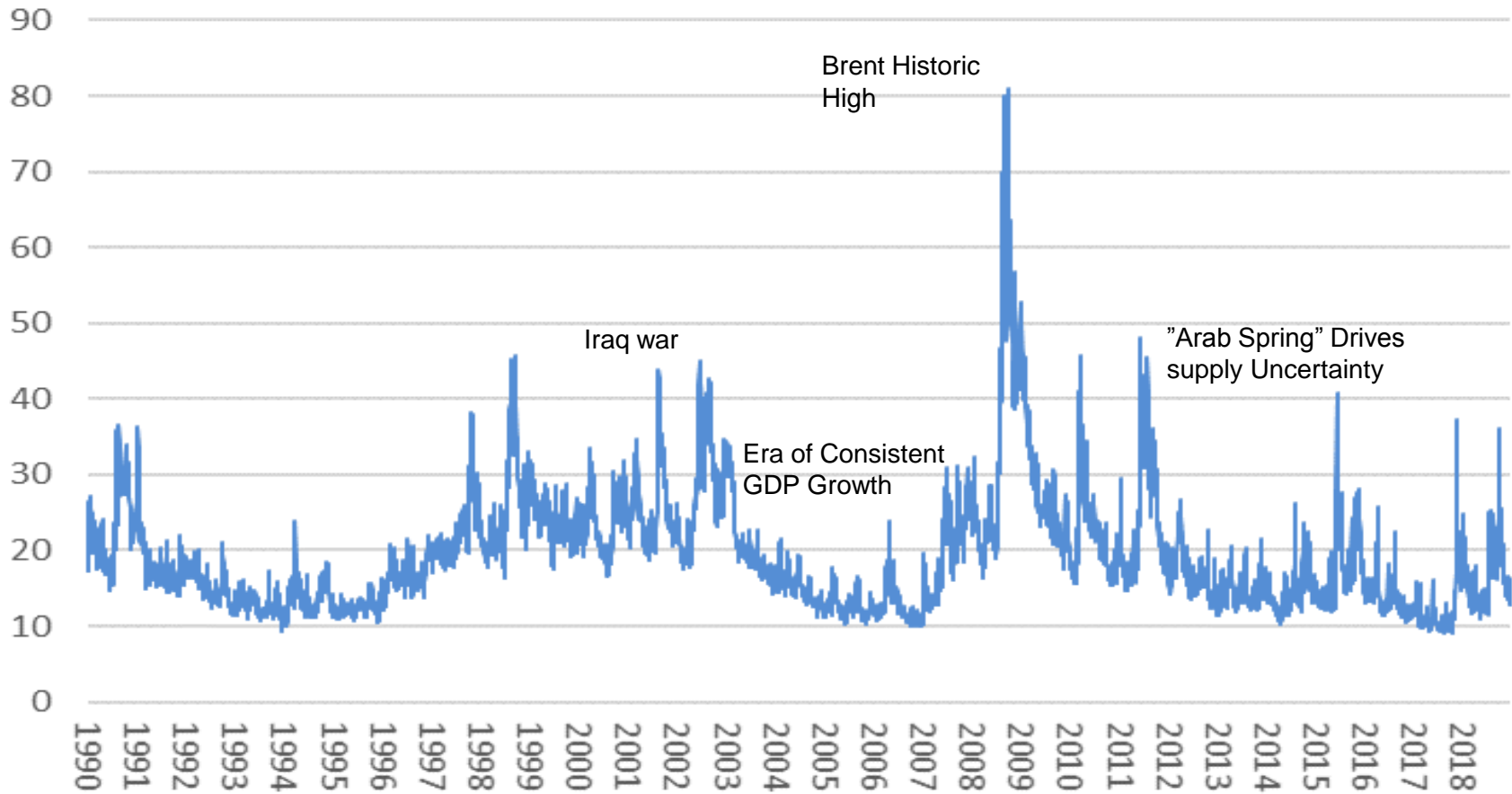
Energy Transparency is at the Core of the IEF

- We are a Neutral & Inclusive
- International Forum of Energy Producers and Consumers
- Under the pillars of:
 - Energy Security
 - Data Transparency
 - Energy Dialogue
- Covering around 90% of global supply and demand for O&G

Content

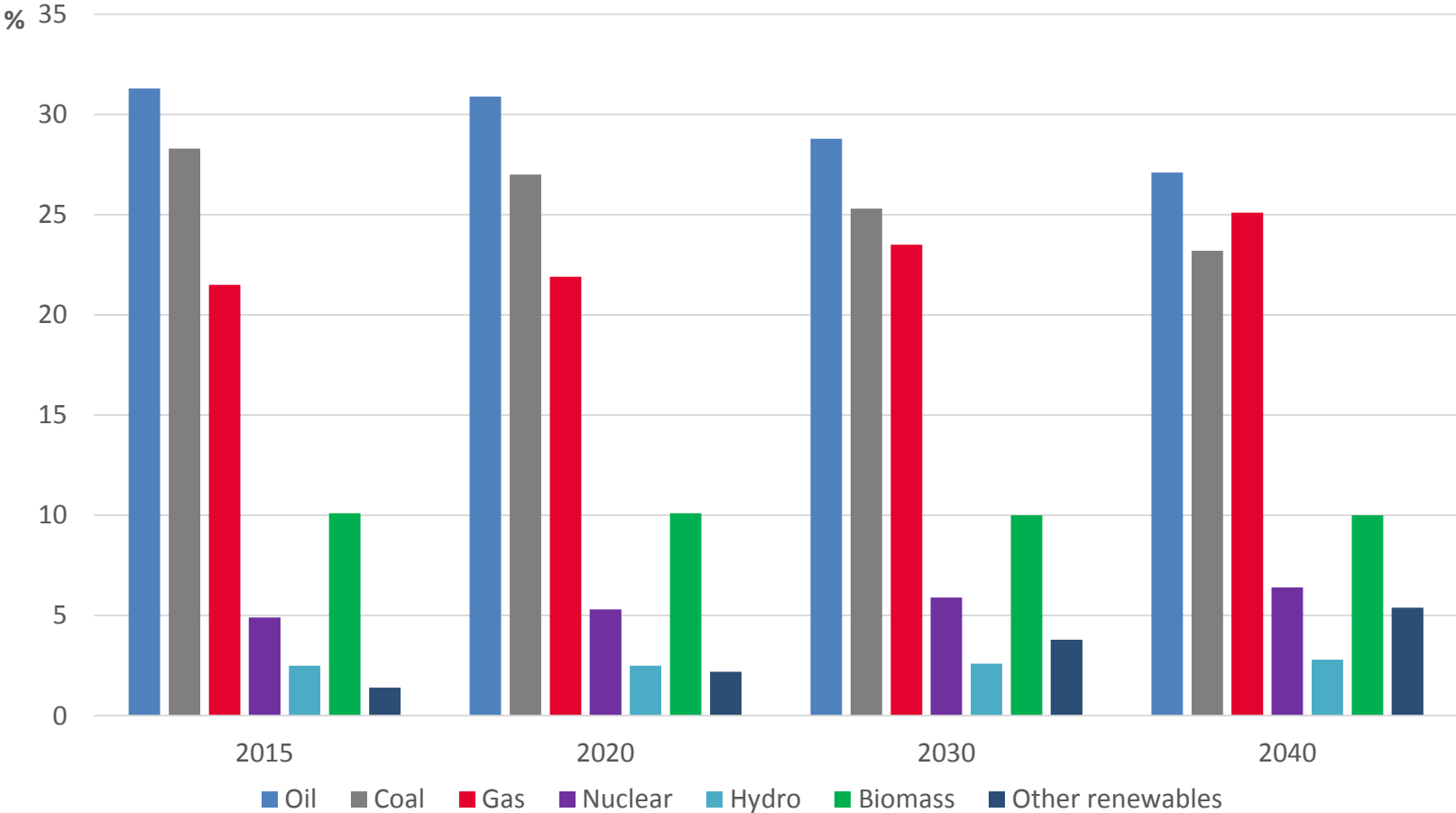
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JODI was born in late 90's to address oil prices volatility



Source: Chicago Board Options Exchange Crude Oil

JODI started with Oil: Oil is Historically The leader of energy sources



Source: OPEC World Oil Outlook 2018

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...

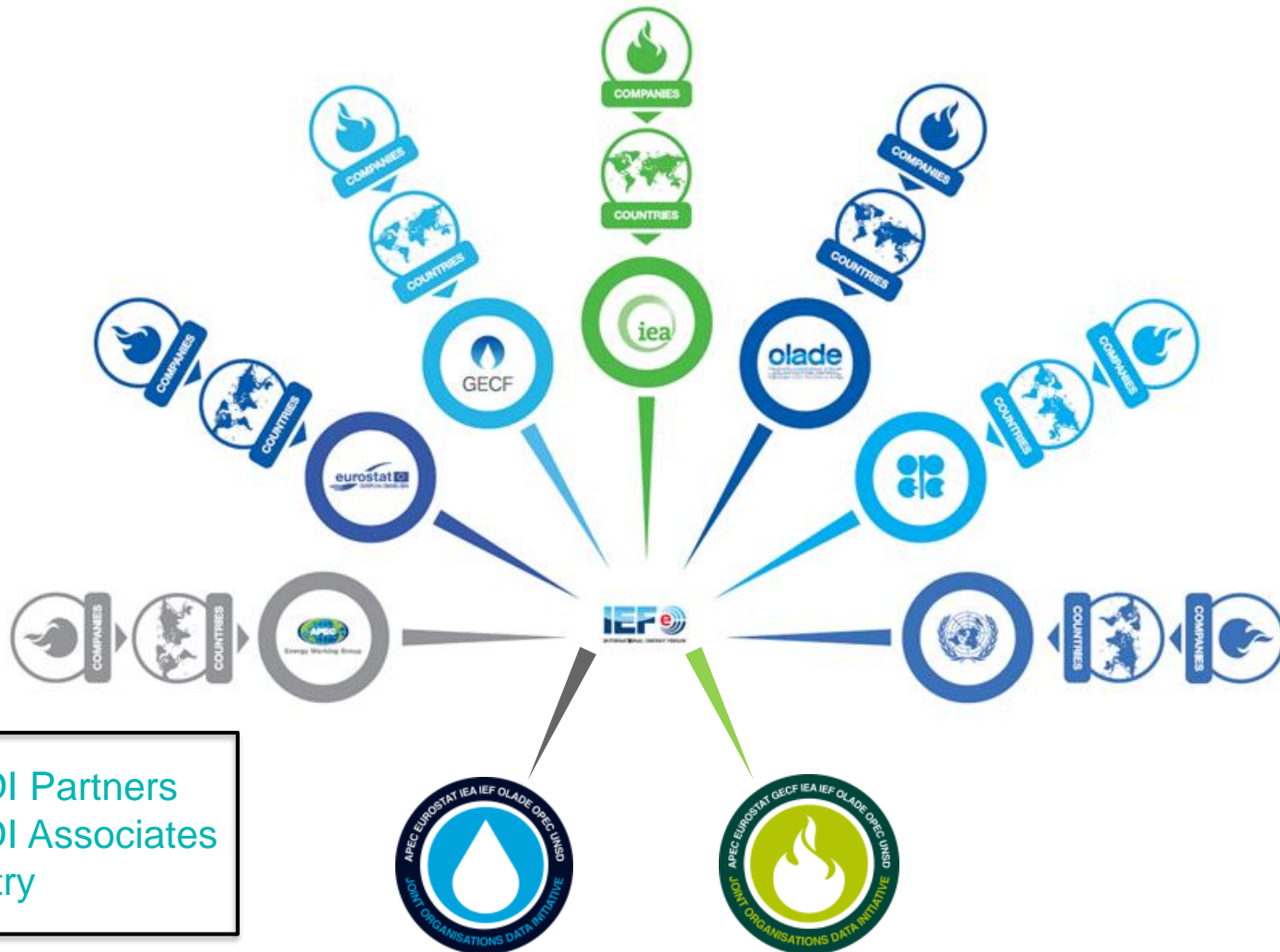


... and populates the JODI WDB
available at www.jodidata.org



... which is used by a global audience,
including market analysts, traders,
investors, and government officials

So, how does JODI work?



- 8 JODI Partners
- 2 JODI Associates
- Industry

Content

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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 on Industry Platform (Bloomberg & Reuters)**
- **2018: JODI included OAPEC and AFREC as JODI Associates**

Active Engagement to make JODI happen

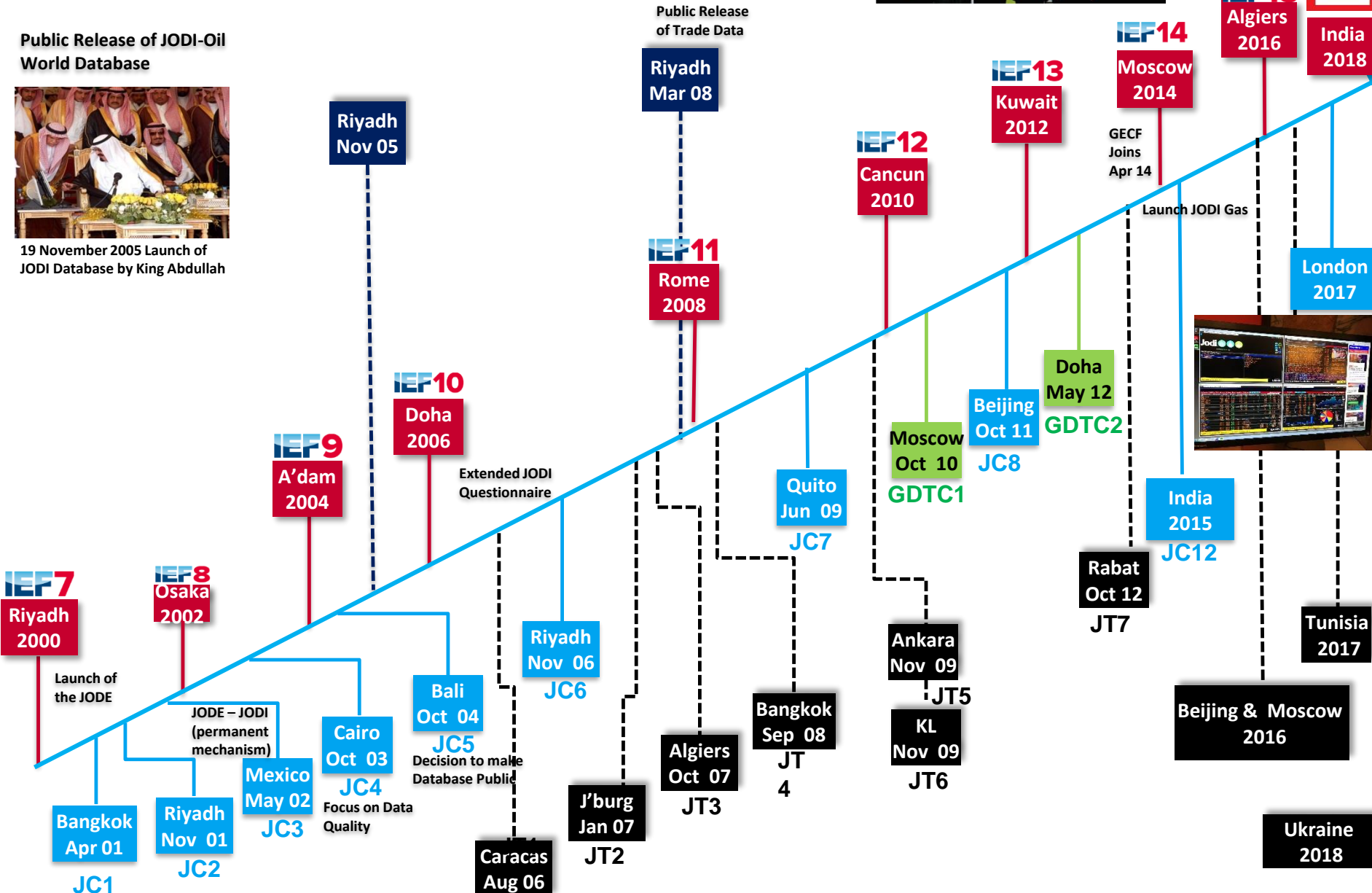
- JODI conferences & Seminars
- Regional training workshops (Capacity Building)
- Coordination meetings with JODI Partners
- Monthly update of database, managing the JODI website, etc.
- Continues interaction with: Leaders, stakeholders, users, media, researchers to increase visibility

JODI: On-going engagement

Public Release of JODI-Oil World Database



19 November 2005 Launch of JODI Database by King Abdullah



Key Moments in JODI History



JODI-Oil World Database
Public Launch
November 2005



JODI-Gas World Database
Public Launch
May 2014

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**

Engagement with Leaders: JODI Information Seminar Series



- A JODI Information seminar where HE Dr Xiansheng Sun attended in **Kiev, Ukraine-2018**
- A JODI information Seminar was held in **Bolivia on the sidelines of the GECF Summit-2017** where the president of Bolivia Morales attended
- A JODI information seminar took place on the sidelines of IEF16 in **New Delhi- 2018** where **leaders of JODI partners** attended to discuss strategy and direction-here the

JODI Extending its Reach: JODI Workshop for MENA region- Lebanon December 2018




- JODI Training Work Shop was held for the **MENA Region in Beirut Lebanon**
- More than 30 delegates from 17 countries attended to **strengthening capacity of statistical agencies in the Middle East and North Africa**
- Several of the JODI partner organisations sent experts to present on the merits and technicalities of JODI, highlighting the importance of cooperation in **delivering upon ministers' calls for global energy data transparency**

JODI Extending its Reach: JODI Workshop for Africa: Cape Town - May 2019



- JODI Training Work Shop was held for the **Africa Region in South Africa**
- More than 30 delegates from 13 countries attended to **strengthening capacity of statistical agencies in Africa**
- Held back to back with Symposium on Energy Poverty
- JODI partner organisations sent experts to present on the merits and technicalities of JODI, highlighting the importance of cooperation in **delivering upon ministers' calls for global energy data transparency**

Recent Additional JODI-Oil Participating Countries



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

2018

114

Efforts to Extend JODI-Gas Reach



- Participation countries/regions
- Non participation countries/regions

Recent Additional JODI-Gas Participating Countries



Last Workshop for Asian Region: China - May 2016



www.jodidata.org

- Hosted by CNPC - ETRI
- More than 30 delegates from 7 countries attended
- Host country participants included representatives

from the National Bureau of Statistics, National Energy Administration, CNPC ETRI, and graduate students from both BEIHANG University and TSINGHUA University in Beijing.

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JODI: High on the Policy Agenda

- GECF Summit
- 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- Presidential Attendance

JODI Information Seminar | 21 November 2017 | Santa Cruz de la Sirra, 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**

JODI in high places



Feedback from leaders

“Delegates welcomed the **enhanced visibility of JODI-Gas data** that is now also available on different major data re-distribution agencies (Argus, Bloomberg, and Thomson Reuters). **6th IEF-IGU Gas Ministerial Forum November 2018**

“We recognise that more **robust and comprehensive energy data is important for effective decision-making** to face the challenges of energy transitions. We will encourage G20 members to foster closer collaboration among international organisations,”- **G20 Energy Ministers Communiqué, Argentina, June 2018**

“...IEF Ministers **applauded the progress by JODI**...encouraged enhanced collaborative efforts to improve the completeness, regularity, and reliability of data submissions and to further enhance JODI coverage and the user experience...”- **IEF16 Ministerial Meeting, India April 2018,**

Feedback from leaders- Continue

“...Asian Ministers recognized the progress made by the JODI Partner Organisations **welcoming the fact that JODI data now appears at Data Re-Distribution Agencies Industry** 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 2017**

“... 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**

Growing visibility of JODI in Data Re distribution



S&P Global
Platts



JODI in the news and press

“From March to November 2018, German oil demand fell every month compared with the previous year, in data from the Joint Organisations Data Initiative” **Wall Street Journal, Feb. 2019**

“Saudi Arabia in November exported its highest volumes of crude oil in two years, the latest figures from the Joint Organisations Data Initiative showed Monday” **S&P Platts, Jan. 2019**

“Saudi Arabia could reduce its daily crude oil exports by as much as 1 million barrels per day during January, motivated by weaker seasonal demand” **OilPrice.com, Dec 2018**

“The kingdom continues to draw down its stocks, the latest figures from the Joint Organizations Data Initiative showed...” **S&P Global Platts, Nov. 2018**

“The use of crude in power generation can rise by as much as 600,000 daily barrels, according to figures from the Joint Organisations Data Initiative...” **Bloomberg, August. 2018**

JODI in the news Continued

“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.**

JODI: Win-Win

Both producers and consumers will benefit from a more stable and transparent energy market

What are those benefits?

- **Facilitates improved short-term forecasts** - Sound analysis of oil market requires accurate information
- **Supports sound decision making** - Markets struggle with uncertainty and unknowns
- **Encourages investments** – Better assessment of physical market leads to better investment decisions
- **Reduces market volatility & Ensure market stability** – Provides an effective bases for polices and investments

Energy Data Transparency: Everyone Matters



“...Asia Region matters...”



www.jodidata.org



Extending JODI Reach: 16th Workshop for EU4Energy Countries, Odessa, Mar 2018



Jodi 
www.jodidata.org

- In Collaborations with the IEA and EU4Energy
- JODI Partners Participations
- 50+ Attendees
- Back-to-back with another IEA Data Workshop/ Transport Symposium

JODI Addresses Energy Poverty in Africa



- To advance the dialogue on the eradication of energy poverty in Africa, the International Energy Forum (IEF) and the OPEC Fund for International Development (OFID)
- Ministers stressed the importance of joint initiatives in several areas to improve energy access and productivity
- improving on energy data availability in Africa stands to make a significant contribution to unlock the investment that is required to overcome energy poverty