

## Better Data – Better Decisions

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

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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?

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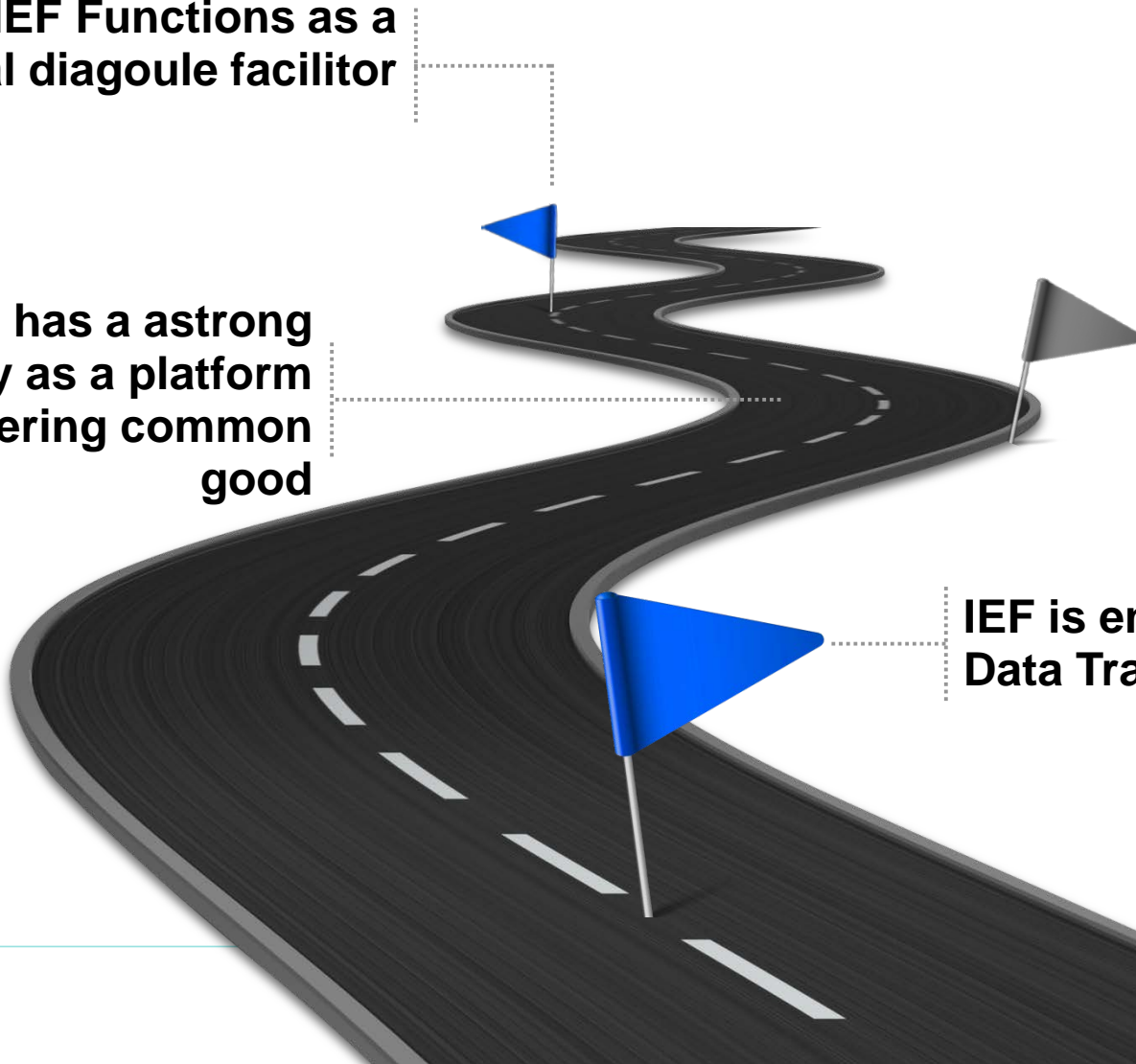
- Provide a neutral and energy specific forum to facilitate...
- A more secure environment for investment
- The advance efficient development of sovereign resources
- Encourage mutually advantageous development of infrastructure

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

**The IEF Functions as a neutral dialogue facilitator**

**IEF has a strong history as a platform for fostering common good**

**IEF is engaged on Energy Data Transparency**



# Energy Transparency is at the Core of the IEF

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- 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

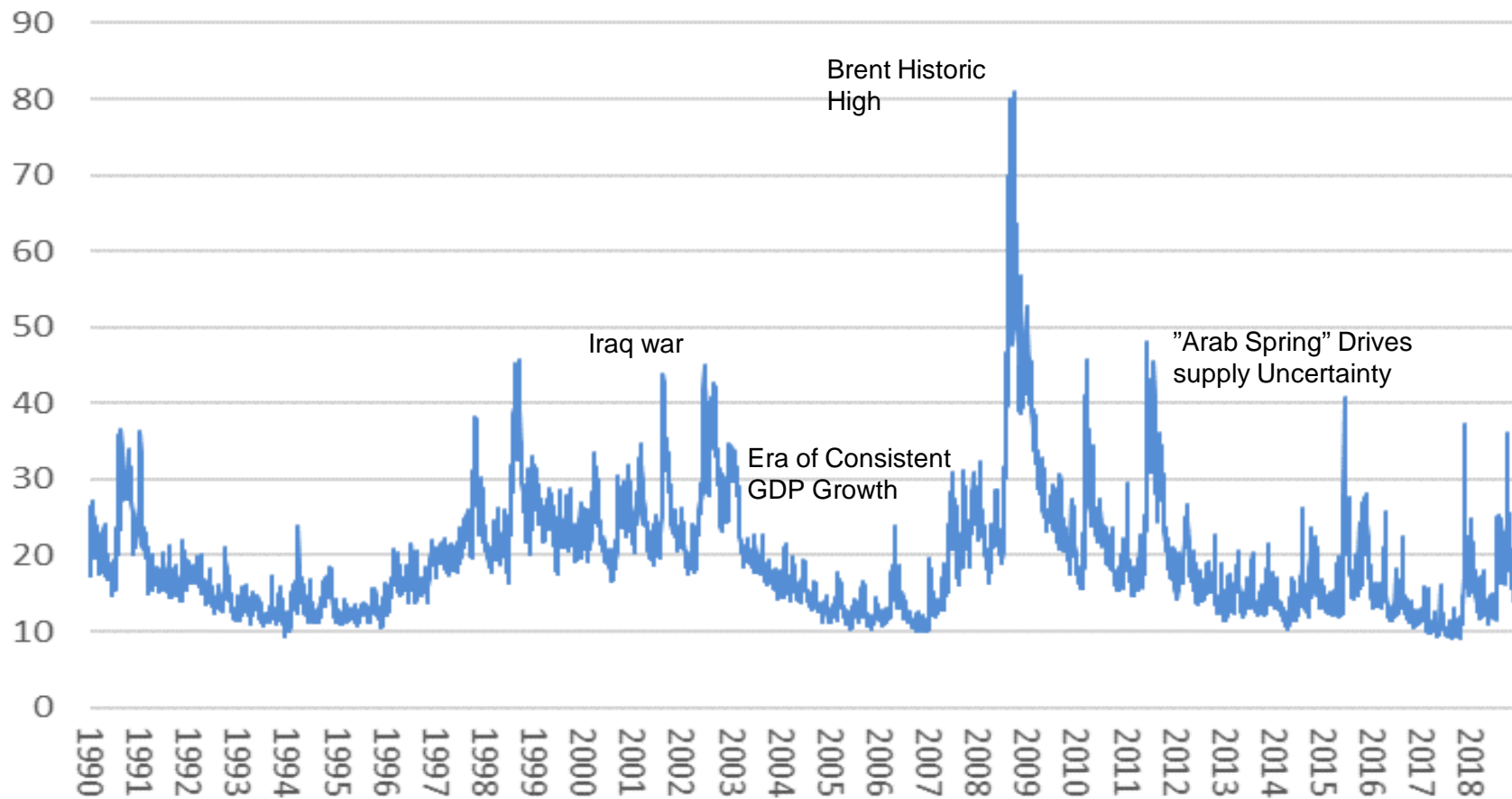
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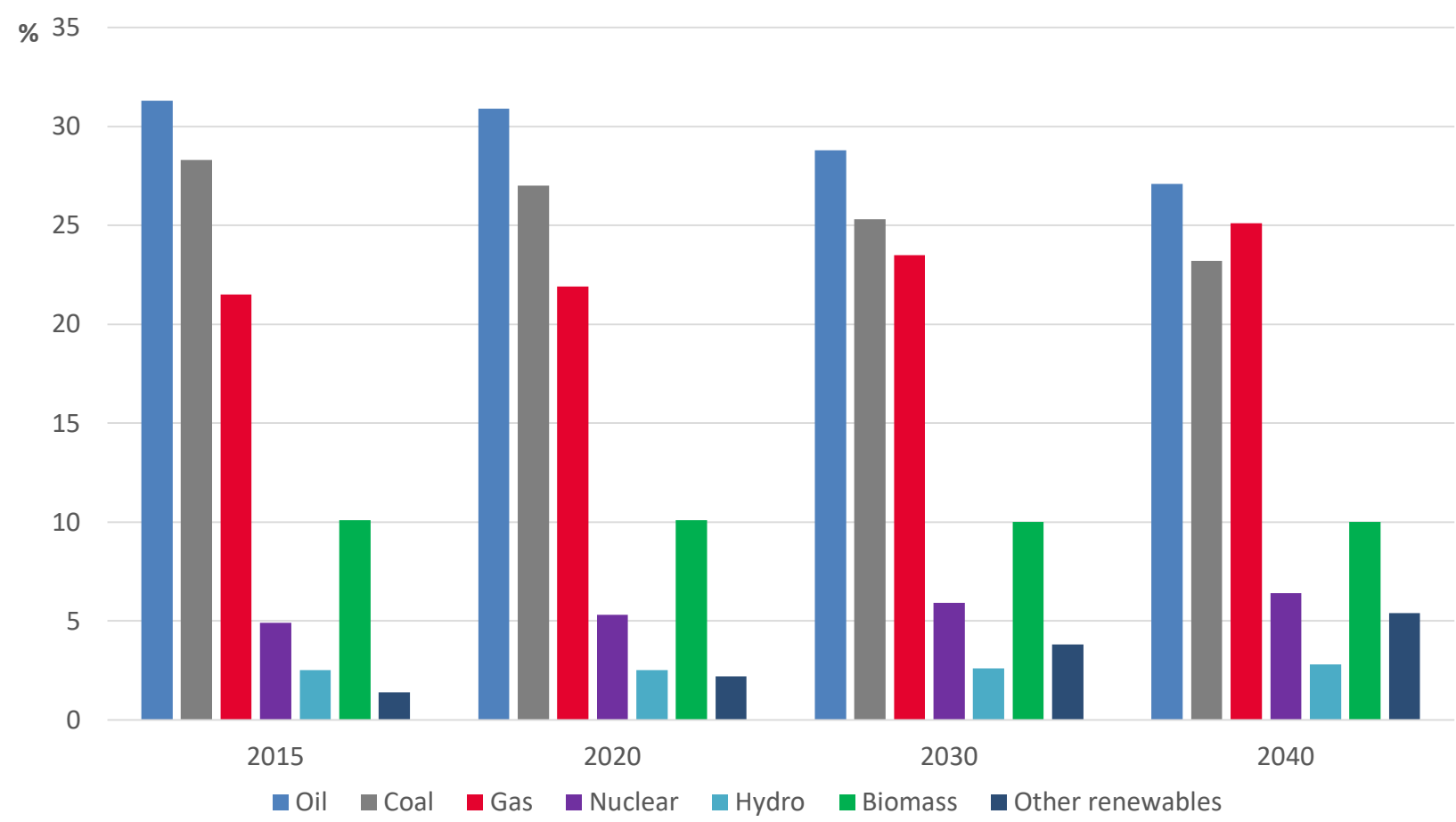


# JODI was born in late 90's to address oil prices volatility



Source: Chicago Board Options Exchange Crude Oil

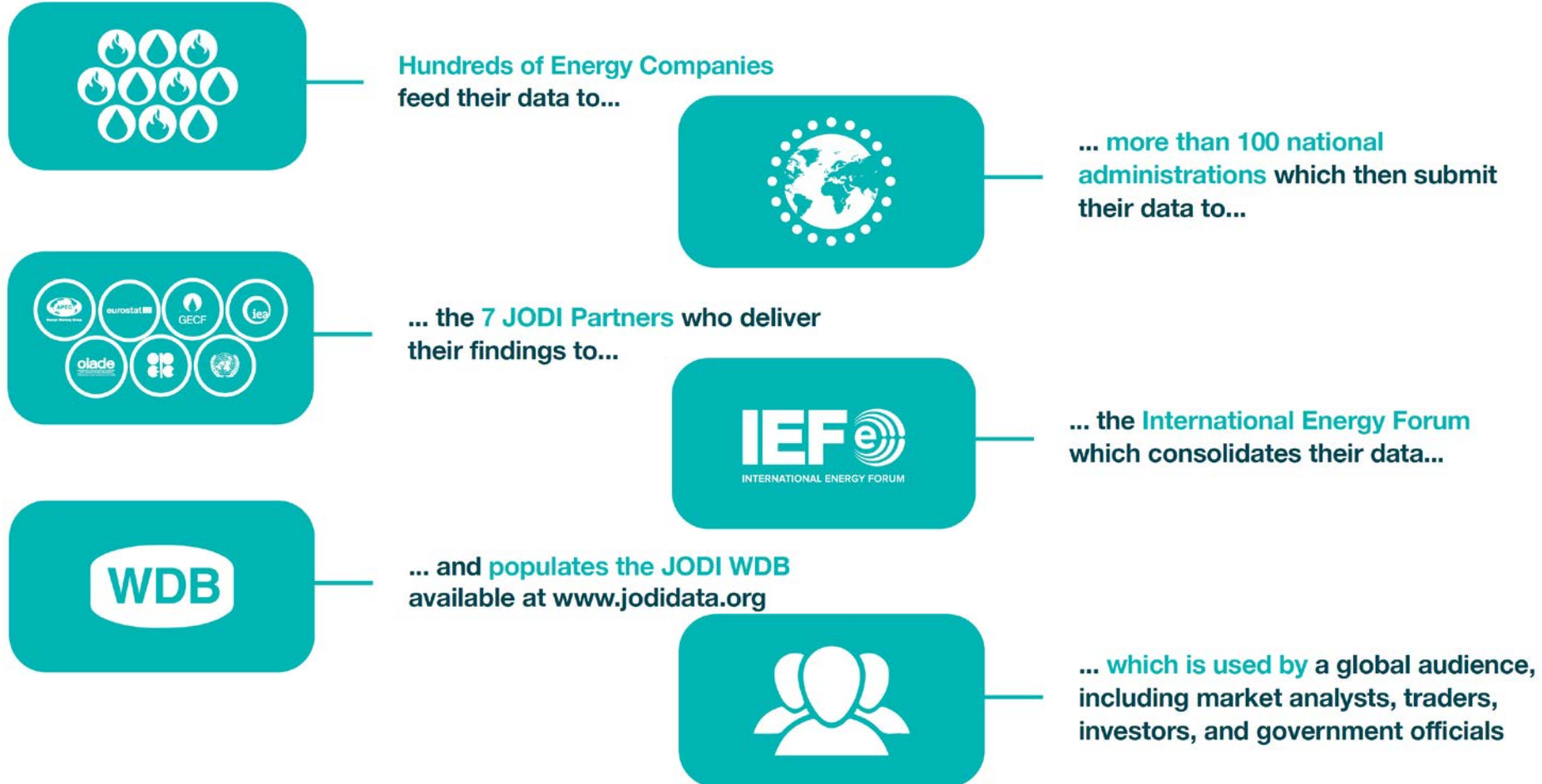
# JODI started with Oil: Oil is Historically The leader of energy sources



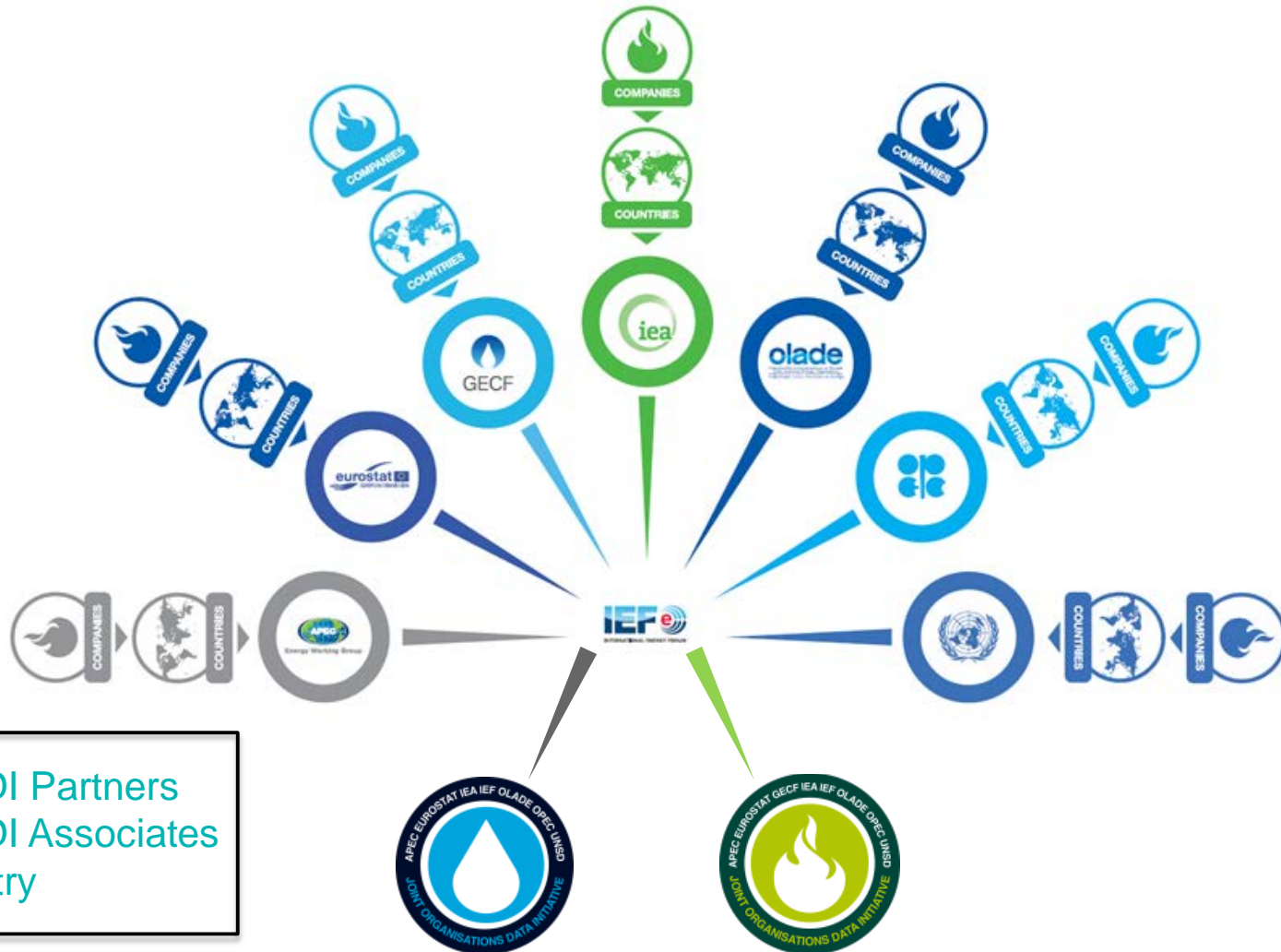
Source: OPEC World Oil Outlook 2018

# So, how does JODI work?

## Cooperation model across data chain



# So, how does JODI work?



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# Much progress made since 2000

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- 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

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- 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



Public Release  
of Trade Data

Riyadh  
Mar 08

IEF11  
Rome  
2008

IEF12  
Cancun  
2010

IEF13  
Kuwait  
2012

IEF14  
Moscow  
2014

IEF15  
Algiers  
2016

India  
2018

Riyadh  
Nov 05

IEF10  
Doha  
2006

IEF9  
A'dam  
2004

IEF8  
Osaka  
2002

IEF7  
Riyadh  
2000

Launch of  
the JODE

JODE – JODI  
(permanent  
mechanism)

Extended JODI  
Questionnaire

Bali  
Oct 04  
JC5  
Decision to make  
Database Public

Cairo  
Oct 03  
JC4  
Focus on Data  
Quality

Mexico  
May 02  
JC3

Riyadh  
Nov 01  
JC2

Bangkok  
Apr 01  
JC1

Riyadh  
Nov 06  
JC6

Quito  
Jun 09  
JC7

Moscow  
Oct 10  
GDT C1

Beijing  
Oct 11  
JC8

Doha  
May 12  
GDT C2

India  
2015  
JC12

Rabat  
Oct 12  
JT7

Ankara  
Nov 09  
JT5

KL  
Nov 09  
JT6

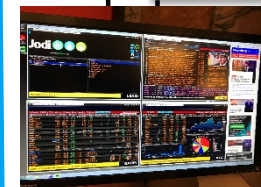
Bangkok  
Sep 08  
JT 4

Algiers  
Oct 07  
JT3

J'burg  
Jan 07  
JT2

Caracas  
Aug 06

Launch JODI Gas



Tunisia  
2017

Beijing & Moscow  
2016

Ukraine  
2018

London  
2017



# Key Moments in JODI History

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**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 took place on the sidelines of IEF16 in **New Delhi- 2018** where **leaders of JODI partners** attended to discuss strategy and direction-here the
- A JODI information Seminar was held in **Bolivia on the sidelines of the GECF Summit-2017** where the president of Bolivia Morales attended

# 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**



# Efforts to Extend JODI-Oil Reach



# Recent Additional JODI-Oil Participating Countries



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

**2018**

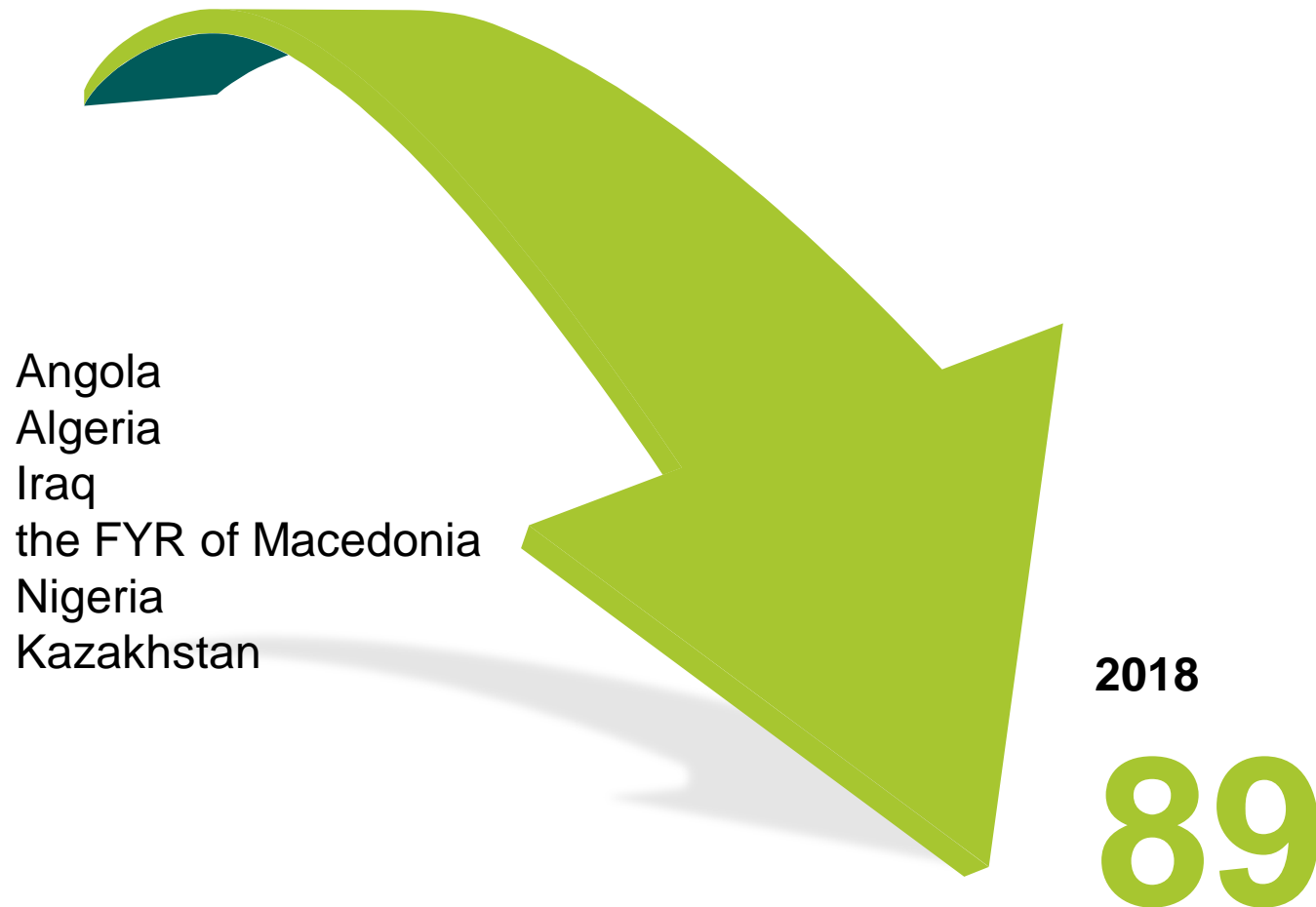
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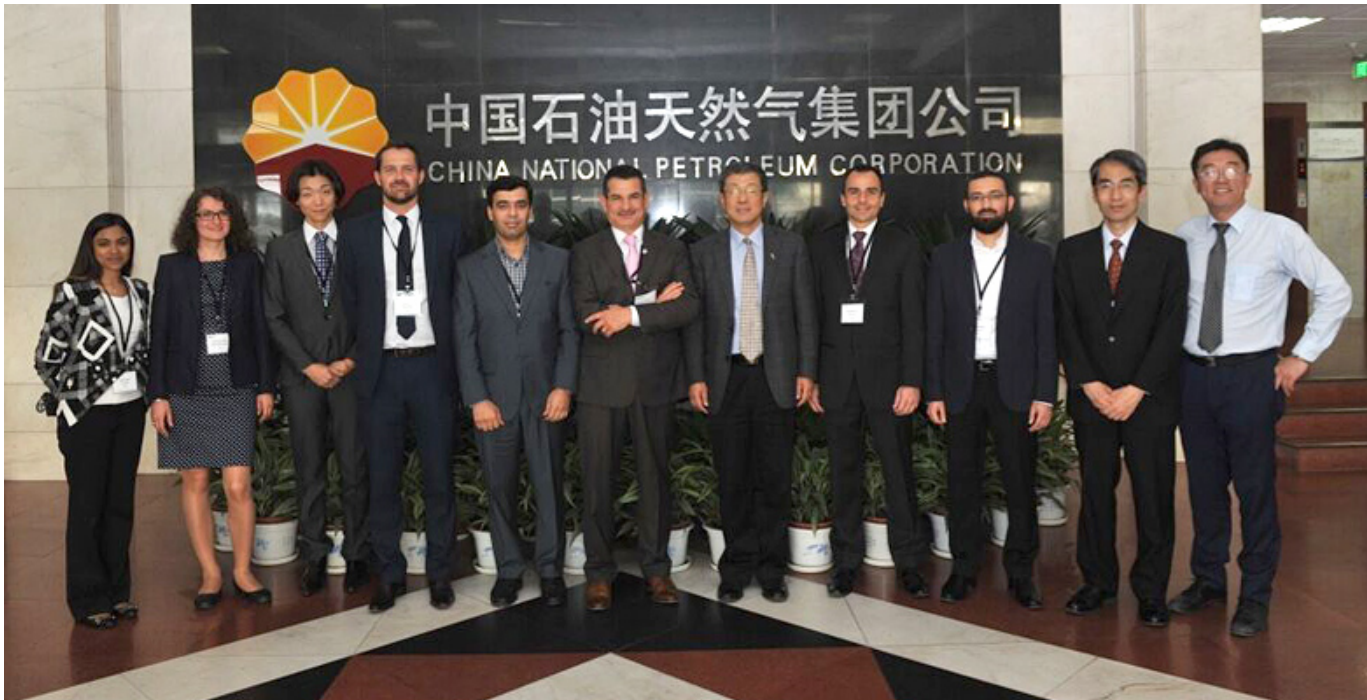
## Efforts to Extend JODI-Gas Reach



# Recent Additional JODI-Gas Participating Countries



# Last Workshop for Asian Region: China - May 2016



[www.jodidata.org](http://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

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- 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

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# Feedback from leaders

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“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). **6<sup>th</sup> 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

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“...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

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**S&P Global**  
Platts



FINANCIAL TIMES



# JODI in the news and press

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“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

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“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.**

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

# What are those benefits?

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- **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

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**“...Asia Region matters...”**



[www.jodidata.org](http://www.jodidata.org)





# Extending JODI Reach: 16<sup>th</sup> 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

# 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