

# Better Data – Better Decisions

## Joint Organisations Data Initiative: JODI Update and Look Ahead

Presentation to G20 ETWG: Energy Data Transparency & Markets  
Digitalisation

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# JODI in three key points

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- **Voluntary engagement**
- **Builds consensus**
- **Enhances trust**
- + \_\_\_\_\_

**A Neutral Benchmark that Structures Official Data**

# Content

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1. JODI: Success Model of International Cooperation
2. JODI 5-Year Action Plan
3. A Look Ahead

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1. **JODI: Success Model of International Cooperation**
2. JODI 5-Year Action Plan
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# 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 access to accurate and timely energy data for market assessments and transparency**".



# A collective effort and sustained commitment

## Leads to tangible outcomes

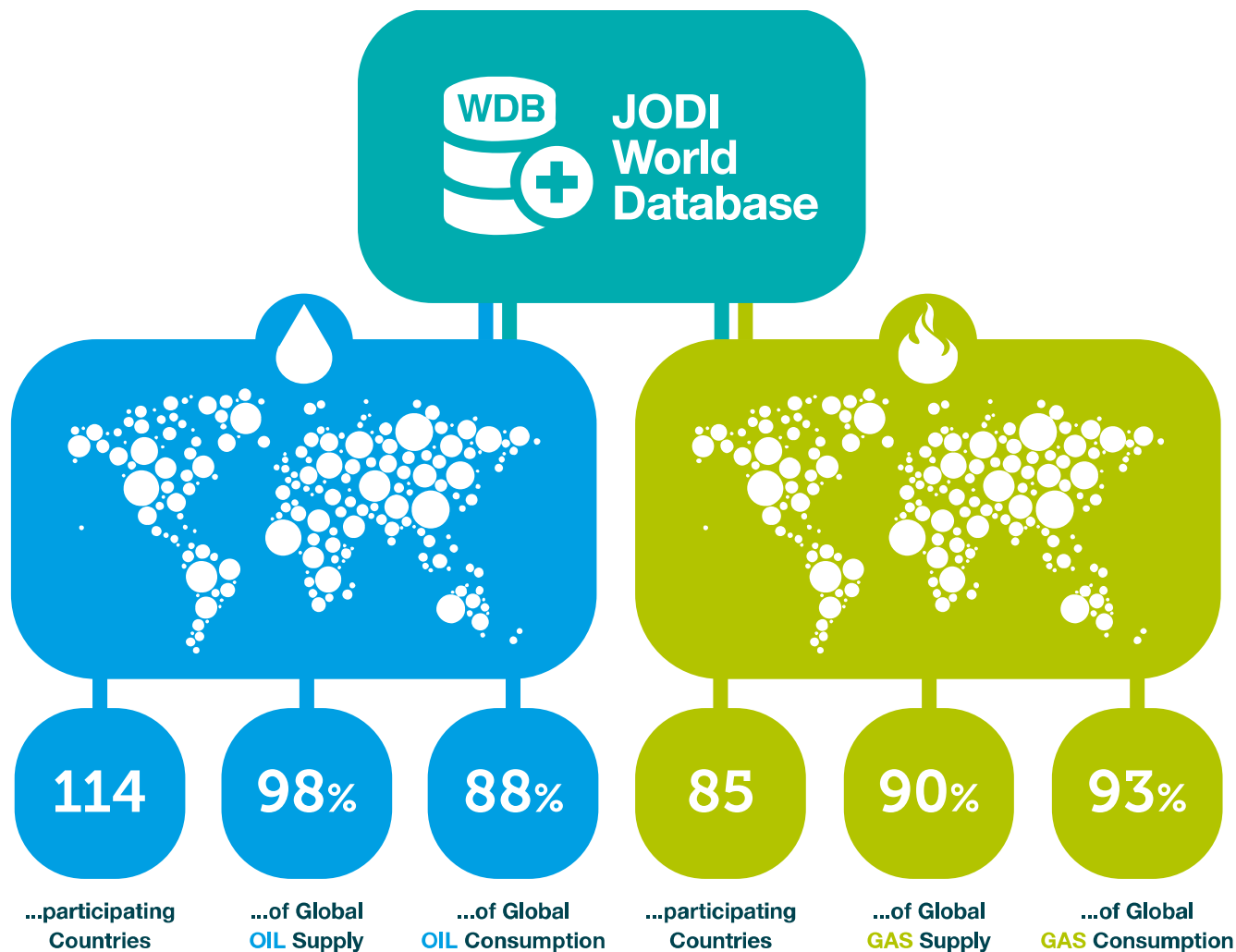


**JODI-Oil** World Database Public Launch  
November 2005



**JODI-Gas** World Database Public Launch  
May 2011

# Unprecedented scale and coverage





# In-depth cooperation 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](http://www.jodidata.org)



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



# Voluntary Role of the 8 International Organisations

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**APEC, Eurostat, GECF, IEA, IEF, OLADE, OPEC and UNSD work together to enhance global energy data transparency**

Some of their key functions are to:

1. Participate in collection of “monthly” energy data set by JODI Questionnaires.
2. Meet data reporting deadlines set.
3. Assess reliability of data received from its national data sources.
4. Assess its member countries on their participation in JODI.
5. Participate in all decision making related to JODI and attend regular JODI events/activities.

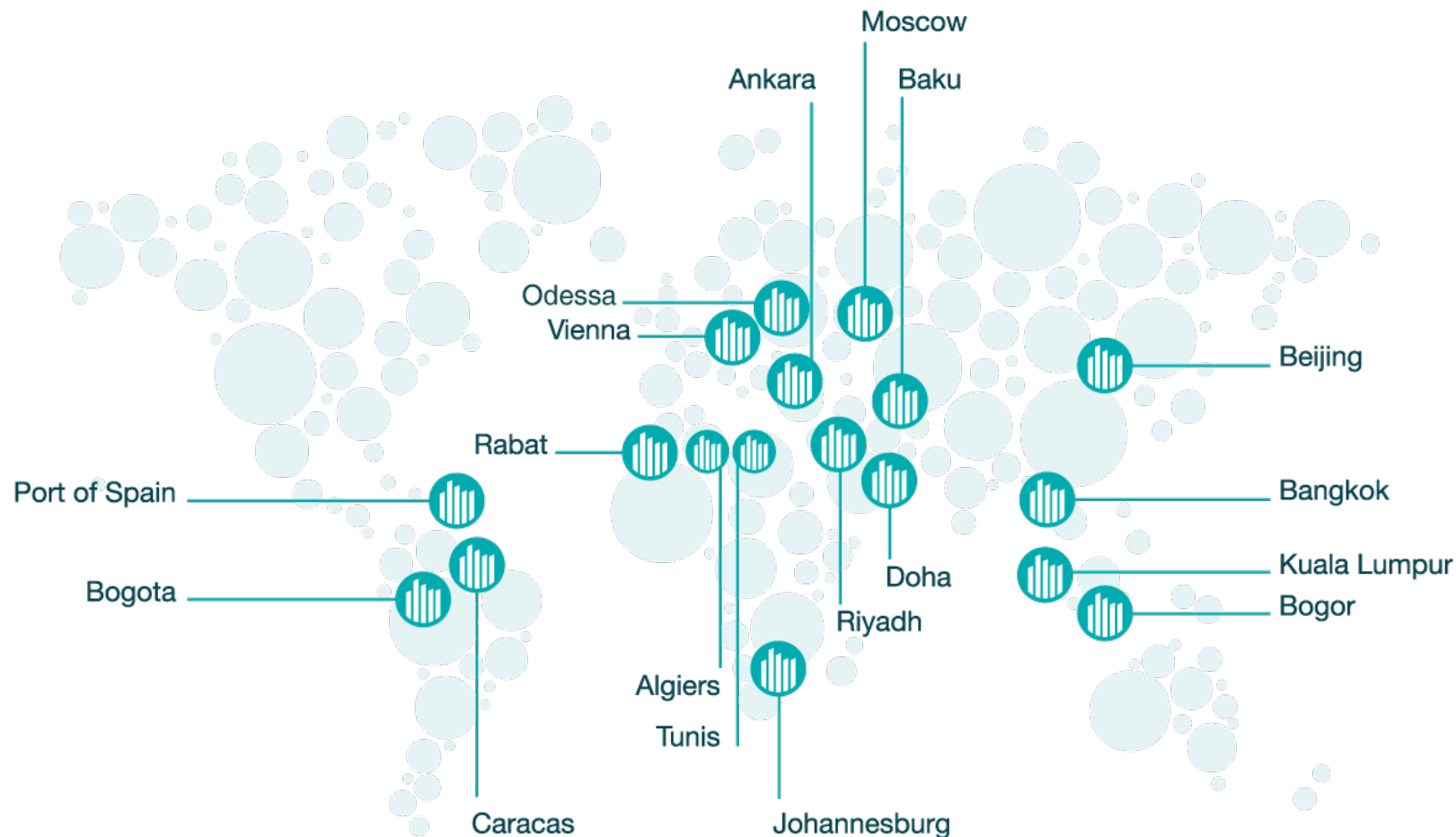
# Consensus Building in JODI Meetings

## Timeliness, Completeness, and Reliability of Data



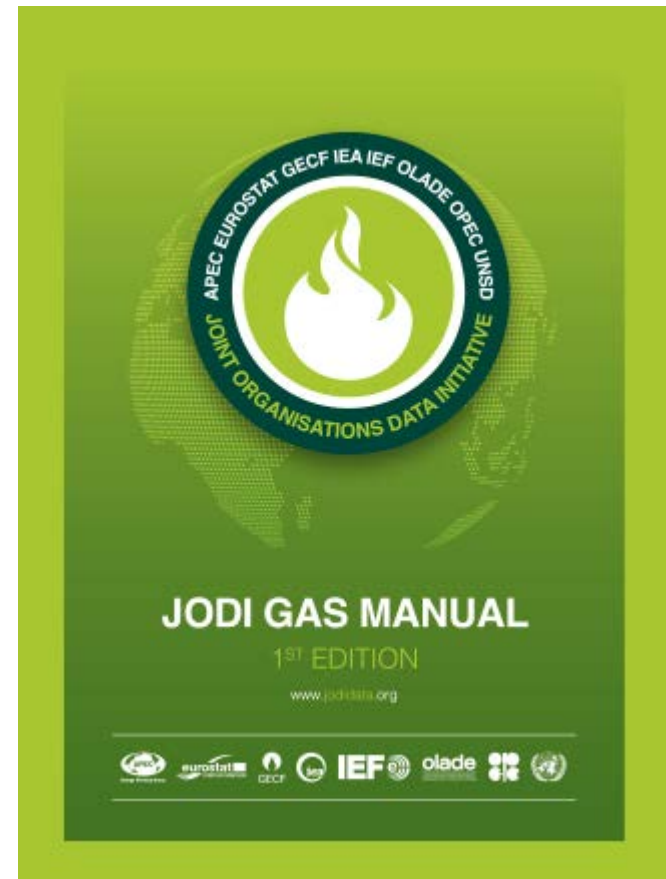
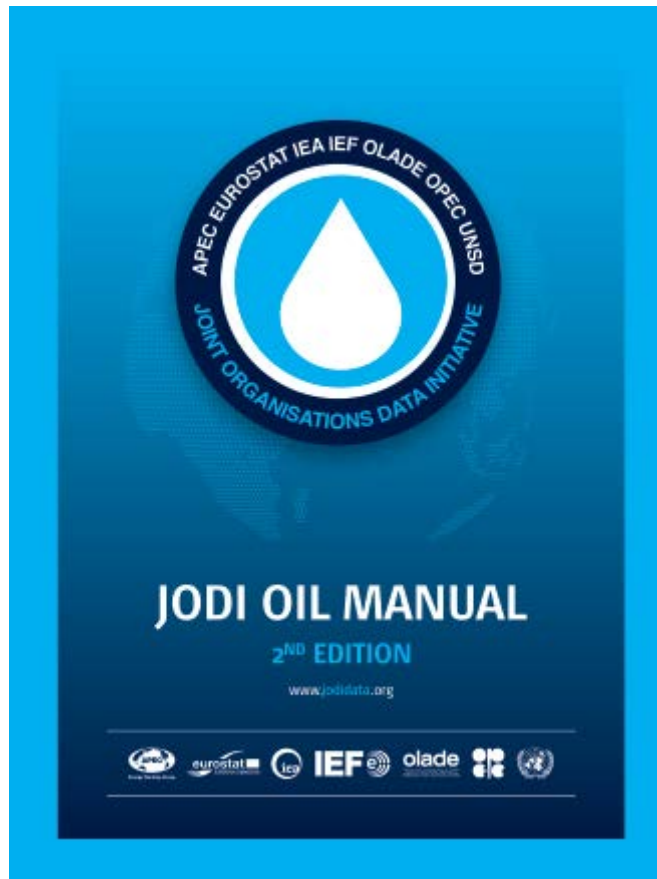
# Strengthening Capacity in non-OECD regions

## Established training programmes since 2004



# JODI Fosters Compatible Methodologies

## Harmonizing definitions





# In depth discussion of JODI mechanisms

To improve data collection in key regions

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



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

# Content

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1. JODI: Success Model of International Cooperation
- 2. JODI 5-Year Action Plan**
3. Looking ahead

# JODI 5-Year Action Plan Toward 2020

**Recommendation to set up a strategic action plan during 12<sup>th</sup> International JODI Conference, April 2015, New Delhi**





# 7 Key Objectives

**IEF with support of JODI Partners elaborated the plan based on 7 key objectives.**

- Objective 1: **Continue to enhance the quality of JODI data**
- Objective 2: **Improve the timeliness of data reporting mechanisms**
- Objective 3: **Continue to strengthen capacity building efforts**
- Objective 4: **Strengthen engagement with the JODI user/energy data analytics community**
- Objective 5: **Raise JODI brand-awareness/data visibility**
- Objective 6: **Consider improvement of data transparency for other forms of energy**
- Objective 7: **Identify and engage expanded JODI Champions**



# The Heads of JODI Partners endorsed the plan during the IEF15, September 2016, Algiers





# JODI Gas data submissions are improving

Performance of JODI Oil appears more constant

## Objective 1 and 2: Continue to enhance the quality of JODI data

Number of Countries/Economies Earning “Good” or 😊 Ratings for  
JODI-Oil Participation Assessment out of 114 Total

	July-December 2015	January-June 2016	July-December 2016	January-June 2017
<b>Sustainability</b>	88	81	86	81
<b>Timeliness</b>	65	61	67	65
<b>Completeness</b>	64	68	70	68

Number of Countries/Economies Earning “Good” or 😊 Ratings for  
JODI-Gas Participation Assessment out of 85 Total

	July-December 2015	January-June 2016	July-December 2016	January-June 2017
<b>Sustainability</b>	63	65	69	67
<b>Timeliness</b>	45	49	52	56
<b>Completeness</b>	42	38	38	40



# Building Capacity and Synergies

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**Significant progress were made since the establishment of plan:**

## **Objective 3: Continue to strengthen capacity building efforts**

- **15th Regional JODI Training Workshop for African Countries**
  - Hosted by Government of Tunisia with support of **JODI Partners**
  - Financial contribution by **OPEC Fund for International Development**
  - **AFREC Collaborations**
  - Supported by **JODI Partners**
  - **Largest JODI Workshop (60+ Attendees)**
  - **Large African Region Presence (30 African Countries)**
  - In association with **2<sup>nd</sup> IEF-OFID Energy Poverty Symposium**
- **14th Regional JODI Training Workshop for East European, Central Asian and MENA countries**
  - Hosted by **the Institute for Energy and Finance, Russia** with support of **JODI Partners**
  - Featuring special presentation on **OPEC's use of JODI data in its market forecasting work** by **OPEC Head of Petroleum Studies Dept.**
  - In association with **Exploration, Production, Processing 2016 conference** entitled: **"Scenarios, forecasts and statistics for global and regional energy development"**

# Enhanced data provider-user feedback chain

**IJC13** | 13<sup>th</sup> International  
JODI Conference

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

10-11 October 2017, London, UK | One Birdcage Walk, Westminster | The Institution of Mechanical Engineers



Hosted by the UK Government with the support of Joint Organisations Data Initiative (JODI) partners



# Improving data visibility and brand awareness

Enhanced cooperation with private data agencies



## Energy Data Transparency Exhibition / Reception

Associated with the 13th International JODI Conference  
10 October 2017, One Birdcage Walk, Westminster, London

# JODI 5-Year Action Plan Toward 2020

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**Significant progress were made since the establishment of plan:**

## **Objective 4: Strengthen Engagement with Data Users**

- **13<sup>th</sup> International JODI Conference**, October 2017, London with presence of **HE Richard Harrington, UK Minister for Energy and Industry for Business, Energy and Industrial Strategy**
- **Energy Data Transparency Exhibition**, October 2017, London

## **Objective 5: Enhance JODI Brand Awareness/Data Visibility**

- **JODI Information Seminar** during 2017 GECF Summit with presence of **the HE President Evo Morales Ayma of Bolivia**
- Session on data transparency featuring JODI at **2017 EIA Conference**
- 3 Data Redistribution Agencies (Argus, Bloomberg and Thomson Reuters) agreed to feature JODI Data in their data redistribution platforms



# Beyond Oil and Gas

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## Objective 6: Consider improvement of data transparency for other forms of energy

- JODI Partners agreed to improve transparency beyond oil and gas **with inclusion of coal data navigation tool** to be featured in **the Energy Data Transparency Portal on the JODI Website.**
- JODI Partners agreed to assess feasibility of enhancing coverage of natural gas data **to LNG trade data by destination and origin** in response to suggestions by the JODI data user community.

# Media increasingly acknowledge JODI

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## Objective 7 Identify and engage expanded JODI Champions

### **Bloomberg "Iraq's Oil Minister Says He's Optimistic Crude Prices Will Rise"**

25 December 2017

JODI-Oil data was cited in this article by Bloomberg entitled: "Iraq's Oil Minister Says He's Optimistic Crude Prices Will Rise"

### **Kallanish Energy: OPEC production cuts change U.S. crude import trends**

14 December 2017

Data from JODI-Oil was cited by Kallanish Energy in an article entitled: "OPEC production cuts change U.S. crude import trends"

### **Reuters: "Saudi Arabia crude oil exports fall slightly in June: JODI"**

17 August 2017

JODI data shows that Saudi Arabia's crude oil exports fell to 6.889 million bpd in the month of June

# But government support remains essential

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## Objective 7: Identify and engage expanded JODI Champions

“...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...”

**Concluding Statement 7<sup>th</sup> Asian Ministerial Energy Roundtable, Bangkok, November 2017**

# G20 has always been a strong supporter

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## Objective 7: Identify and engage expanded JODI Champions

“We believe transparent markets are a critical prerequisite for energy security and encouraging investment. To promote market transparency and efficiency, we commit to further strengthen the Joint Organisations Data Initiative (JODI) by encouraging and facilitating the collection and dissemination of high quality energy data, and promoting the visibility of the initiative, as well as enhancing support for capacity building ...

We welcome the cooperation among the IEF, OPEC and IEA, on energy outlooks and encourage them to continue with their fruitful collaboration on market transparency and on the interaction between physical and financial markets ...

We also acknowledge the importance of publication of timely and high-quality market-related information on all energy resources.”

**G20 Energy Ministerial Meeting Beijing Communiqué July 2016**

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# Role of Data Transparency Grows with Transition

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- 1. Focus future JODI activities based on the Action Plan**
- 2. Bridge the Plan with other recommendations and directions received from Leaders, Ministers, JODI Heads, and data users**
- 3. Update the Plan with the progress made to year 2020**
- 4. Elaborate a new plan beyond 2020**

# 2018 Upcoming Key JODI Meetings

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- 1. 17th Regional JODI Training for Eastern Europe & Central Asia**  
March 2018 | Ukraine
- 2. Meeting of Heads of JODI Partner Organisations and JODI Seminar**  
April 2018 | New Delhi, India
- 3. 16th Regional JODI Training for Latin America**  
May 2018 | Quito, Ecuador
- 4. JODI User Seminar**  
October 2018 | Singapore



# The Future of Energy Market Data Transparency

## JODI and Digitalisation

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### Parallel Roundtable 3: Energy Sector Digitalisation; Benefits and Challenges

- How is digitalisation making oil, gas, and power sectors more efficient and resilient?
- What is the role of inventory data, do stocks become more transparent in the digital age?



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

