



Better Data – Better Decisions

Setting the Scene: JODI 5-Year Action Plan Toward 2020 – Success Stories and Improvement Opportunities

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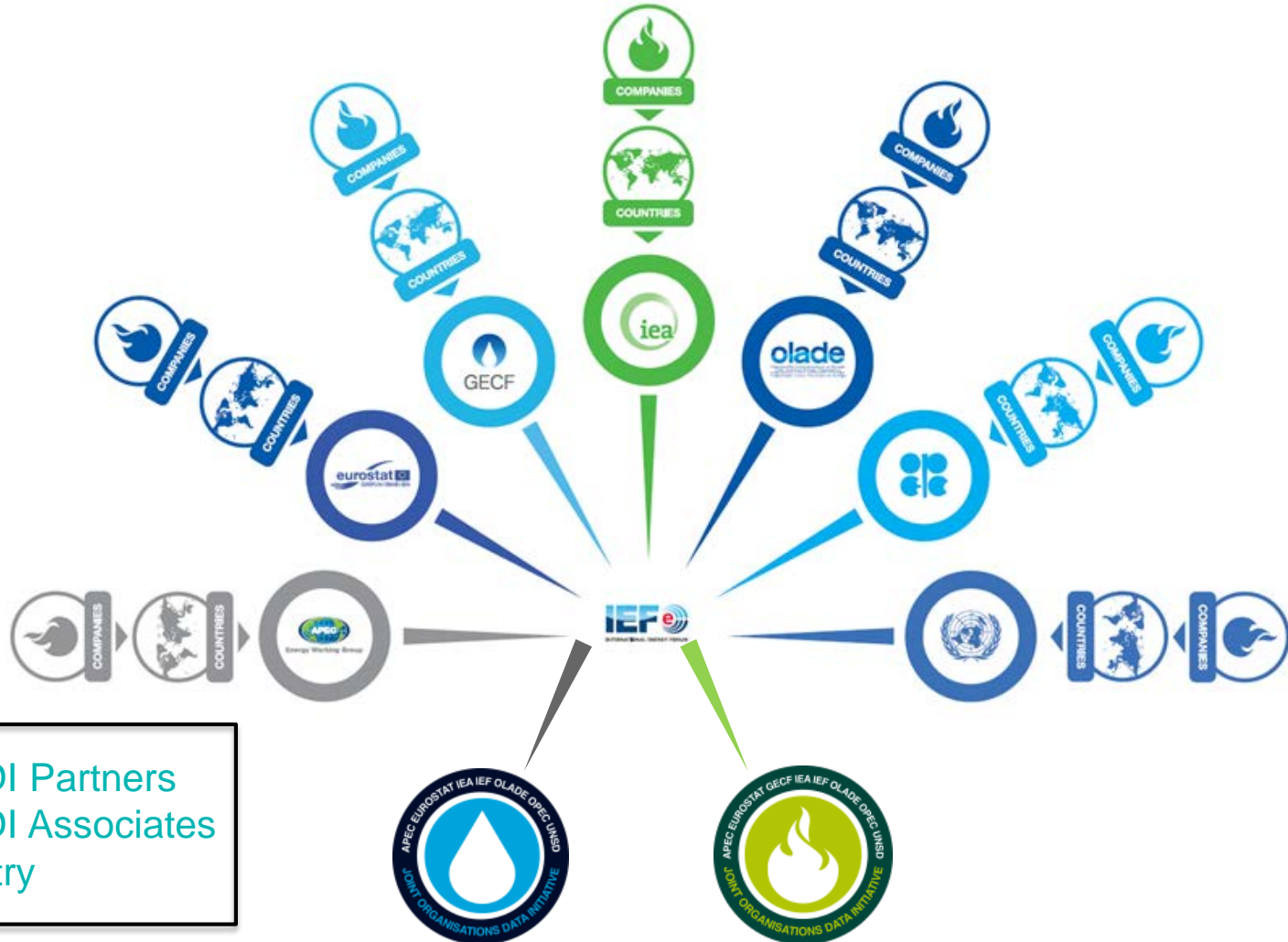
www.jodidata.org

Ministerial Inspiration since 2000

The 7th International Energy Forum (Riyadh 2000) called for “improving and timely accessing to energy data for market assessment and transparency”.



So, how does JODI work?



- 8 JODI Partners
- 2 JODI Associates
- Industry

Key Moments in JODI History: JODI-Oil Launch in 2005



Key Moments in JODI History: JODI-Gas Launch in 2014



Key Moments in JODI History: Agreement with Data Redistribution Agencies 2017



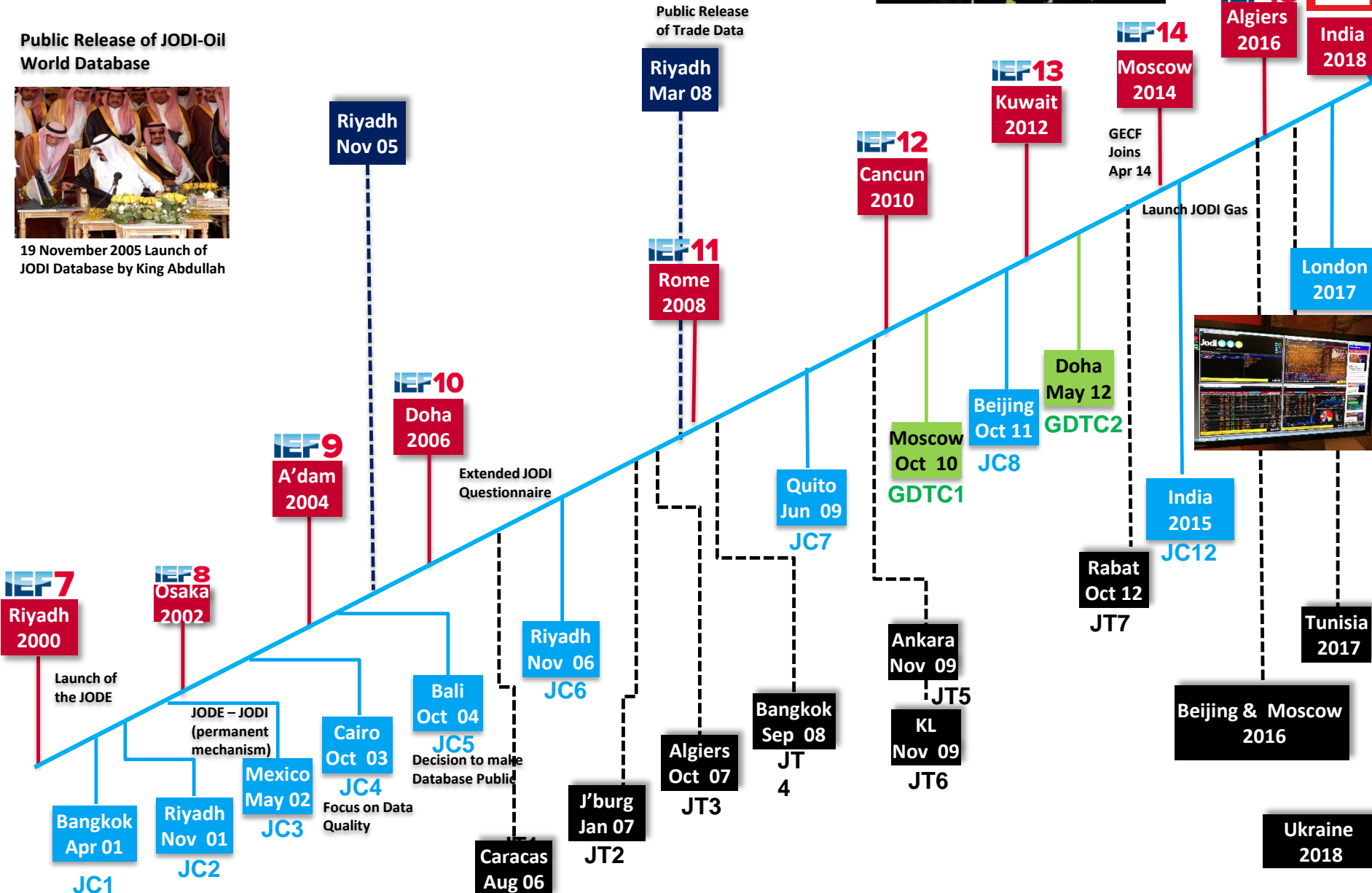
On-going engagement to Make JODI



Public Release of JODI-Oil World Database



19 November 2005 Launch of JODI Database by King Abdullah



The JODI 5-Year Plan

Recommendation from IJC12 (New Delhi 2015)

- The JODI Partners to Develop a 5-year JODI Plan to show a vision where JODI should be, and to develop an “Action Plan” how this can be done.
- IEF to develop such a plan to leading to JODI Heads and IEF Ministerial in Algeria in 2016



The JODI 5-Year Plan: Adopted during IEF15 (Algiers 2016)

- The JODI Partners developed the 5-Year Plan based on input from users, etc. covering 2015- 2020.
- The Heads of JODI Partners endorsed the plan and asked that “*future actions based on the plan and to regularly assess the progress made.*”



JODI Plan 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**

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

Objective 7: **Identify and engage expanded JODI Champions**

Objective 1: Continue to enhance the quality of JODI data

Action Plans toward 2020:

1. Countries, JODI Partners, and Industry will continue their **collaborative** quest to **ensure complete, accurate and timely data** reporting to both JODI-Oil and JODI-Gas
2. Partners will encourage and **facilitate experience-sharing among different stakeholders** in the JODI data supply chain **to build more efficient data collection mechanisms** so as to further improve JODI performance.
3. **Promotion** of the newly launched **Online JODI Forum** (<https://www.jodidata.org/forum>) to share their experiences.
4. JODI partners will intensify their efforts to **improve geographical coverage in regions** such Africa and South Eastern Europe.

Objective 1: Continue to enhance the quality of JODI data

- **Progress to Date (2015-2019):**
- Post a Beijing JODI Worksop in 2016, **China made comprehensive revisions** on its JODI-Oil Stock Changes.
- **Indonesia & Brunei recently revised their historical data** post APEC Workshop on June 2019 (**Action 1**)
- Belarus, Ecuador, Iraq, **North Macedonia, Nigeria, Tunisia, and Venezuela now provide** regular historical revisions (**Action 1 and 2**)
- **JODI Partners increasing efforts** to get more complete data (China, Georgia, Iraq, and Kazakhstan recently improved completeness of data). (**Action 1 and 2**)
- JODI Regional Training Workshops featured sessions **dedicated to various knowledge sharing opportunities**. I.e. Tunis and Cape Town workshops (2017 and 2019) held with IEF-OFID Symposium on Energy Poverty series, highlighted benefits of energy data transparency as a **key enabler toward a sustainable energy** for all.

JODI Workshops in support of a sustainable energy Future &: (Tunisia 2017 & Cape Town 2019)



Extend JODI Coverage: Recent Additional JODI-Oil Participating Countries



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

2019

117

Extend JODI Coverage: Recent Additional JODI-Gas Participating Countries



Objective 2: Improve the timeliness of data reporting mechanisms

Action Plans (Up to 2020):

1. JODI stakeholders will seek to improve the overall timeliness of data submissions with a view to advancing JODI-Oil from M-2 to M-1.
2. In the interim, the early release of key JODI data will be considered to the extent that it is practical and prudent.

Objective 2: Improve the timeliness of data reporting mechanisms

Progress to Date (2015-2019):

- The **JODI partners working actively** with their members **to get data earlier (M-1 vs. M-2)**. Some have clear mandates like Eurostat & IEA. While, GECF implementing an online data updating system and dedicated focal points in countries . Partners (APEC and OPEC, etc.) organise technical meetings with their members. (**Action 1 and 2**)
- The **number of countries achieving a “good” assessment in timeliness rose** to the highest, at 67, for the July-June 2016 JODI-Oil Participation Assessment, while it declined to 60 in the most recent July-December 2018 Assessment. (**Action 1**)
- The **IEF is developing a new online data updating procedure** to accommodate faster reporting by each JODI Partner Organisation. This will enable more frequent and up-to-date releases of JODI Data. (**Action 2**)

Way forward to improve timeliness

Number of Countries/Economies Earning “Good” or 😊 Ratings

	July-December 2018	January-June 2018	July-December 2017	January-June 2017
Sustainability	78	74	77	82
Timeliness	60	55	60	65
Completeness	68	66	68	68

Number of Countries/Economies Earning “Good” or 😊 Ratings

	July-December 2018	January-June 2018	July-December 2017	January-June 2017
Sustainability	74	65	66	67
Timeliness	55	49	57	56
Completeness	41	44	39	40

The screenshot shows a user dashboard for 'Yui'. It features three main panels: APEC, IEA, and OPEC. Each panel displays the last upload date and time, the user who submitted the data, and the status of the upload. For APEC, the upload is from 16 Oct 2019 08:05 by APEC User. For IEA, the upload is from 16 Oct 2019 15:56 by IEA User. For OPEC, the upload is from 16 Aug 2019 10:14 by OPEC User. Each panel includes 'Accept', 'View Data', and 'Abandon' buttons.

Objective 3: Continue to strengthen capacity building efforts

Action Plans (Up to 2020):

1. Regional training sessions are recognized for their role in building the statistical capacity that underpins the development of JODI and data transparency in general.
2. The use of online training platforms, the concept of “train-the-trainer” , etc should be evaluated for their potential in regard to the further development and more widespread deployment of JODI training programmes.

Objective 3: Continue to strengthen capacity building efforts

Progress to Date (2015-2019):

- The JODI Partners working actively to **hold JODI “capacity building” Training Workshops in different regions around the world. (Action 1 and 2)**
- The IEF **collaborated with different partners** such as AFREC and OFID for Africa, EU4Energy and Energy Community for Eastern Europe and Central Europe, as well as UN-ESCWA for Middle East and North Africa.
- **APEC and JODI jointly held a workshop** on oil and gas statistics in Tokyo in June 2019. Such regional collaborations have increased capacity building opportunities to key target regions. (**Action 1 and 2**)
- **GECF, IEA, and OLADE implemented online** training programmes, including instructor-led webinars, video tutorials and virtual training tools. (**Action 2**)

Collaboration with stakeholders beyond JODI Partners increased more capacity building opportunities



Objective 4: Strengthen engagement with the JODI user/energy data analytics community

Action Plans (Up to 2020):

1. In recognition of the value of ongoing engagement with JODI users, small meetings should be arranged in association with the regular Inter-Secretariat meetings / JODI Workshops, or as stand-alone events where there is evident interest.
2. Collaboration with industry, universities, and think-tanks should be strengthened and new relationships forged with a view to enlisting support in reviewing data quality.

Objective 4: Strengthen engagement with the JODI user/energy data analytics community

Progress to Date (2015-2019):

- The **13th International JODI Conference, London**, October 2017, was attended by many JODI data users. This provided a valuable platform for feedback within the JODI data provider/user supply chain. (**Action 1**)
- The **JODI Data User Seminar series** was created in response to JODI user and community requests for outreach and opportunities to exchange views with technical experts from JODI Partner Organisations in an interactive environment. A JODI Data User Seminar took place in Geneva (June 2015), London (February 2016), and Tokyo (June 2019). (**Action 1 and 2**)
- To achieve a higher level of energy market data transparency, the IEA, IEF, and OPEC regularly participate in **joint technical workshops on the comparability of outlooks** and historical baseline data. (**Action 2**)

Engagement with energy data analytic community : JODI User Seminar Series



- The 1st seminar was held in Geneva in collaboration with **the University of Geneva**
- The 2nd seminar took place at **the Institute of Director in London**
- The 3rd seminar took place in Tokyo as an **official side event of G20 Ministerial meeting**
- To help ensure a dynamic exchange of ideas places was **limited to around 50 JODI data-users and technical experts**

Objective 5: Raise JODI brand-awareness

Action Plans (Up to 2020):

1. JODI and the importance of data transparency should be promoted as widely as possible.
2. Partner organisations will actively promote JODI through their websites and social media, especially at the time that the monthly update is released.
3. Relationships with the Media (Blomberg, etc.) should be cultivated and Media partnerships should also be considered as a means of raising awareness of data transparency and increasing the visibility of JODI.
4. The IEF is to continue its work on the development and promotion of the JODI Website.

Objective 5: Raise JODI brand-awareness

Progress (2015-2019):

- Three major **data redistribution agencies** (Argus, Bloomberg, Refinitiv) were given permission to feature JODI World Databases on their platforms. (**Action 1 and 3**)
- The 2nd **JODI User Seminar**, February 2016, London, was webcasted with support of Bloomberg (**Action 1 and 3**)
- JODI social **media accounts on LinkedIn and Twitter** are now operational featuring announcement as well as key JODI figures from each monthly update. As a result of access to the JODI website (www.jodidata.org) increased from 33,000 in 2011 to 87,000 visits in 2018. (**Action 1,2, 3 and 4**)
- JODI Partners increasingly **use JODI data to statistical publications** such as GECF Annual Statistical Bulletin, and Quarterly and Monthly Statistical Bulletin for members.
- The IEF work regularly to enhance communication (**ie. forum**) and data dissemination tools (**ie. monthly highlight report**) in the JODI website to improve JODI visibility. (**Action 1, 3 and 4**)

Improved JODI Visibility throughout different data dissemination channels



JODI Highlights



JODI in the Media

[View all](#)

S&P Global
Platts

Crude oil futures rise as geopolitical tensions grow

19 July 2019

PETROLEUM
COMMERCE

Saudi Arabian crude inventories sink to historic low

20 June 2019

REUTERS

Column: Global economic slowdown hits diesel consumption

29 May 2019

- Agreement with 3 Major Agencies (Argus, Bloomberg, and Refinitiv - previously Thomson Reuters) to improve visibility of JODI.

- Improved data dissemination tools and increasing media interests in JODI monthly updates.

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

Action Plan (Up to 2020):


1. Given the increasing interest in a comprehensive energy data transparency platform, the Initiative should consider the feasibility and potential merits of extending the coverage of JODI to other energy data (ie. Coal).

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

Progress to Date (2015-2019):

- The JODI Partners agreed to improve energy data transparency beyond current data collection framework through **enhanced visibility and accessibility of available coal data** through an Energy Data Transparency Portal featured on the JODI Website. (**Action 1**)
- The **Energy Data Transparency Exhibition** became a key feature to raise awareness of data made available to the public through the JODI Database. These events took place in London, Delhi, Kiev, Cape Town, and now Cairo since 2017. (**Action 1**)
- For the first time in the history of **JODI Training Programmes**, the recent workshops in Beirut and Cape Town **were held in association** with a training programme on building annual energy balances from comprehensive energy statistics which provide comprehensive picture of data compilation activities and their linkage. (**Action 1**)

Data Transparency Portal in support of currently existing data collection works by JODI Partners



Home About JODI Capacity Building JODI-Oil JODI-Gas JODI Forum News & Events Resources Co

Welcome to the JODI
More text here as an intro and expli

Energy Data Transparency Portal

Coal

Primary Secondary Coal Type

Organisations

- APSC Energy Working Group
- eurostat
- IEA
- olad

Products

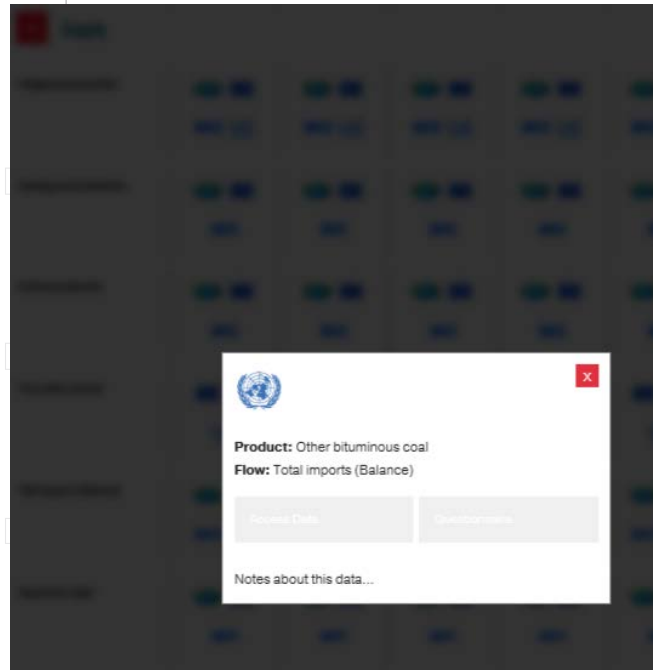
- Anthracite
- Lignite
- coking coal
- coal (aggregate)
- other bituminous coal
- Sub-bituminous o

Flows

- Indigenous production
- Total imports (Balance)
- International marine bunkers
- underground production
- Imports by origin
- Stock changes (National territory)
- Surface production
- Total exports (Balance)
- Stock level
- From other sources
- Exports by destination
- Unused

More flows...

	Anthracite	Coking coal	Other bituminous coal	Sub-bituminous coal	Lignite	Coal (aggregate)
Supply						
Indigenous production						
Underground production						
Surface production						
From other sources						
Total imports (Balance)						
Imports by origin						
Total exports (Balance)						
Exports by destination						
International marine bunkers						



Product: Other bituminous coal
Flow: Total imports (Balance)

Notes about this data...

Objective 7: Identify and engage expanded JODI Champions

Action Plans (Up to 2020):

1. Partners should identify and engage political, technical and social entities and influential individuals to act as JODI Champions.
2. In this regard, the JODI Partners should embrace offers of cooperation from political blocs such as the G20 as this serves to ensure high-level and productive engagement on an on-going basis.

Objective 7: Identify and engage expanded JODI Champions

Progress to Date (2015-2019):

- The **IEF Secretary General** continue to champion JODI in his different involvements at international fora. (**Action 1 and 2**)
- **JODI Partners** continue to engage with their respective heads to be a JODI champion so that they promote JODI on their speeches at different platforms / events. (**Action 1 and 2**)
- The JODI Partners continue to **utilise their positions at G20 and other fora** to promote idea of energy data transparency. The IEA together with the JODI Partners, produced a document highlighting the importance of data and transparency at the G20 Meeting in Argentina in February 2018. (**Action 2**)
- **HE President Evo Morales Ayma of Bolivia** opened JODI Information Seminar in Bolivia as part of the GECF Summit. (**Action 1**)

Supported by high profile meetings and dignitaries



- GECF Summit
- G20
- G8 actions on energy & climate change
- IEF Ministerial Meetings
- Asian Energy Ministerial Roundtable Meetings
- IEF-IGU Ministerial Meetings
- Annual EIA Conference

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Energy Data Transparency Matters All



“...Everyone matters...”



www.jodidata.org

