

# The Joint Oil Data Initiative : transparency issues

**Dr Said Nachet**  
**Energy Director**  
**International Energy Forum Secretariat**





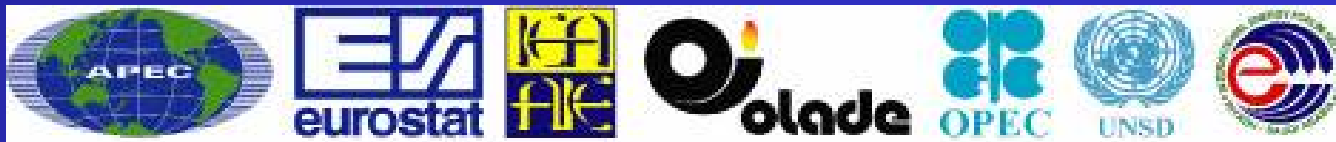
# Summary

**JODI: Historical background**

**JODI Data collection mechanism**

**Role of stakeholders**

**Actions ahead**





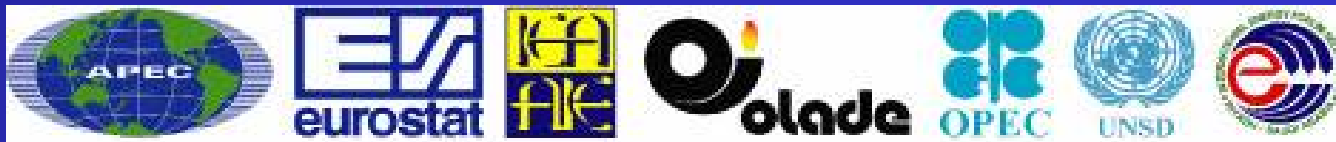
# Summary

## JODI: Historical background

JODI Data collection mechanism

Role of stakeholders

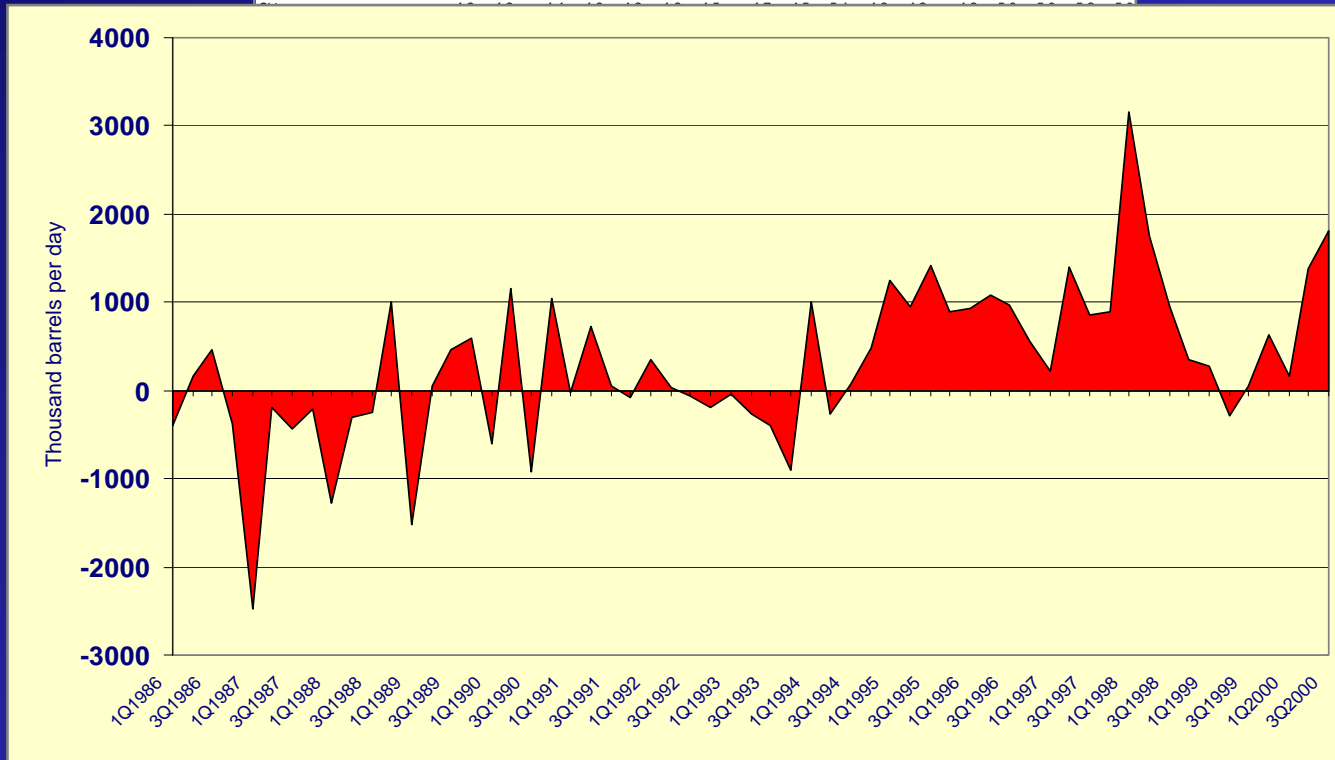
Actions ahead





**Table 1  
WORLD OIL SUPPLY AND DEMAND**

	1997	1998	1Q99	2Q99	3Q99	4Q99	1999	1Q00	2Q00	3Q00	4Q00	2000	1Q01	2Q01	3Q01	4Q01	2001
<b>OECD DEMAND</b>																	
North America	22.7	23.1	23.6	23.5	24.1	24.3	23.9	23.6	23.7	24.3	24.4	24.0	24.3	23.9	24.5	24.7	24.3
Europe	15.0	15.3	15.8	14.4	14.7	15.6	15.1	15.1	14.5	15.0	15.3	15.0	15.3	14.6	15.1	15.6	15.2
Pacific	9.0	8.4	9.4	7.9	8.2	9.1	8.6	9.3	8.0	8.3	8.8	8.6	9.5	8.1	8.4	9.0	8.7
Total OECD	46.7	46.8	48.7	45.7	47.0	49.0	47.6	47.9	46.3	47.7	48.4	47.6	49.1	46.6	48.0	49.3	48.2
<b>NON-OECD DEMAND</b>																	
FSU	3.8	3.7	3.6	3.3	3.4	3.7	3.5	3.6	3.4	3.5	3.7	3.5	3.6	3.4	3.3	3.5	3.5
Europe	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.8	0.8



**Memo items:**

Call on OPEC crude + Stock ch. <sup>5</sup>	25.9	26.0	28.3	26.1	26.7	28.2	27.3	26.7	25.4	27.3	27.0	26.6	27.8	25.6	27.2	28.0	27.2
Total Demand ex. FSU	69.3	69.8	72.1	69.6	70.6	72.9	71.3	71.9	70.5	72.4	72.7	71.9	73.7	71.6	73.3	74.7	73.3

**Miscellaneous to balance 0.9 1.6 0.2 -0.3 0.0 0.5 0.1 0.1 1.4 0.7 1.9 1.0**

<sup>5</sup> includes changes in non-reported stocks in OECD and non-OECD areas  
<sup>6</sup> equals total demand minus total non-OPEC supply minus OPEC NGLs and thus includes "Miscellaneous to balance" for historical time periods  
<sup>6</sup> year on year % growth in global oil demand excluding FSU

**OIL MARKET REPORT**  
 INTERNATIONAL ENERGY AGENCY / ENERGIE INTERNATIONALE DE L'OCDE  
 AGENCY FOR ENERGY EFFICIENCY AND CONSERVATION

13 February 2001  
**HIGHLIGHTS**

- World oil supply held level in January at 61.9 million barrels per day (mbo/d) against a total demand of 69.8 mbo/d. The 7.9 mbo/d deficit was met by OPEC stocks and OPEC NGLs.
- OPEC oil production rose 0.1 mbo/d in January to 27.2 mbo/d, while non-OPEC production fell 0.1 mbo/d to 34.6 mbo/d.
- Oil prices fell 10% in January, with Brent down to \$21.50 per barrel and WTI down to \$20.50 per barrel.
- Oil prices are expected to remain volatile in the first half of 2001, with a possible recovery in the second half.
- Oil prices are expected to remain volatile in the first half of 2001, with a possible recovery in the second half.
- Oil prices are expected to remain volatile in the first half of 2001, with a possible recovery in the second half.

Next Issue: 13 March 2001

# The Joint Oil Data Initiative: historical background

- 7<sup>th</sup> IEF in Riyadh – November 2000  
Energy Ministers call for more transparency
- 1<sup>st</sup> JODI Conference – April 2001  
Responding to this call, six organizations (APEC, Eurostat, IEA, OPEC, OLADE and UNSD) took up the challenge  
They associated countries and oil companies in collecting monthly oil statistics
- 5<sup>th</sup> JODI Conference – October 2004  
Decision to make the JODI World Database accessible to all
- January 2005, first inter-organizational JODI meeting hosted at the IEFS premises in Riyadh.
- November 2005: JODI Database was released to public



# Summary

**JODI: Historical background**

**JODI: Data collection mechanism**

**JODI: Role of stakeholders**

**JODI: Actions ahead**



# What is the JODI Questionnaire?

**A Simple Format (42 data points)**

**Country:** \_\_\_\_\_  
**Month:** \_\_\_\_\_

**Unit:** \_\_\_\_\_

		Crude Oil	Petroleum Products							
			LPG	Gasoline	Kerosene	Gas/Diesel Oil	Fuel Oil	Total Oil		
Production	Month -1 and Month -2	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil
Imports		Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil
Exports		Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil
Stocks	Closing Change	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil
Refinery Intake		Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil
Demand		Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil	Crude Oil

**Choice of units left to organisations**

**Simple Definitions**

# Data Collection System

## Participating Countries

Member countries submit data to their organization

## Partner organizations

Data are checked and processed

## International Energy Forum Secretariat

Data released on the JODI website



# A View of the Live Database

Beyond 20/20 WDS - Table View - Microsoft Internet Explorer

Address: http://iefs-cmnn/WDS/TableViewer/tableView.aspx

English

Reports Joint Oil Data Initiative Global data Help

Actions

OTHER: Unit - Thousand Barrels (kbb) Product - Total Products Balance - Demand

TIME	Jul2004	Aug2004	Sep2004	Oct2004	Nov2004	Dec2004	Jan2005	Feb2005	Mar2005	Apr2005	May2005	Jun2005	Jul2005	Aug2005
Country	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓
Hong Kong	9,978	9,737	9,818	8,795	10,067	10,087	10,810	8,426	8,513	8,279	9,435	8,322	8,320	8,917
China														
Hungary	3,902	4,018	4,047	4,388	4,316	4,482	3,750	3,518	4,105	4,120	4,526	4,279	4,627	4,120
Iceland	645	1,118	533	510	630	105	653	345	615	263	548	518	698	0
India	71,116	61,773	67,294	70,736	68,626	78,457	71,314	67,099	0	0	0	0	0	0
Indonesia	38,037	36,270	0	37,603	36,810	0	37,820	0	0	0	0	0	0	0
Iran (Islamic Rep.)	33,294	37,262	35,340	35,340	35,700	37,603	38,068	36,960	43,338	35,310	36,828	0	40,424	41,819
Iraq	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ireland	4,762	4,790	5,191	5,473	4,881	5,670	5,121	5,339	5,945	4,952	4,938	5,530	4,649	5,241
Italy	59,715	52,889	57,379	58,602	54,046	58,187	52,416	51,878	56,586	52,613	51,936	52,205	55,036	51,041
Jamaica	1,188	1,123	995	1,170	1,204	124	1,145	1,145	0	0	0	0	0	0
Japan	160,497	166,360	151,021	161,008	158,607	187,922	183,288	177,169	189,948	157,929	144,998	154,802	157,841	158,375
Kazakhstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Korea	61,557	65,631	64,743	69,214	65,400	78,600	78,600	78,600	78,600	78,600	78,600	78,600	78,600	65,600
Kuwait	10,230	11,067	8,640	8,928	7,700	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	12,183
Latvia	704	837	829	1,048	1,024	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,212
Libya	5,983	6,293	5,550	6,634	6,660	6,386	7,533	6,356	7,285	7,080	7,006	6,780	0	0
Lithuania	1,775	1,947	1,939	1,837	1,697	1,861	1,533	1,548	1,736	1,689	1,775	1,767	1,814	1,986

Monthly update, M-1 data

Color code indicating data comparability (blue, yellow, white)



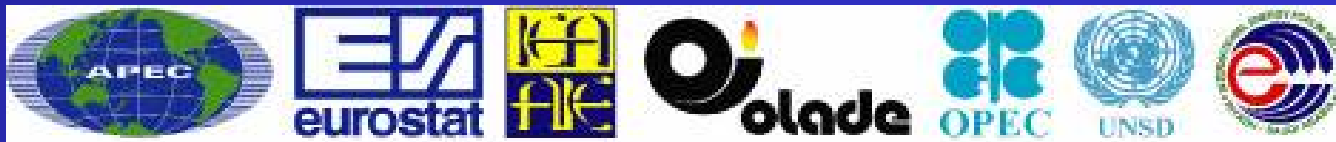
## Summary

**JODI: Historical background**

**JODI: Data collection mechanism**

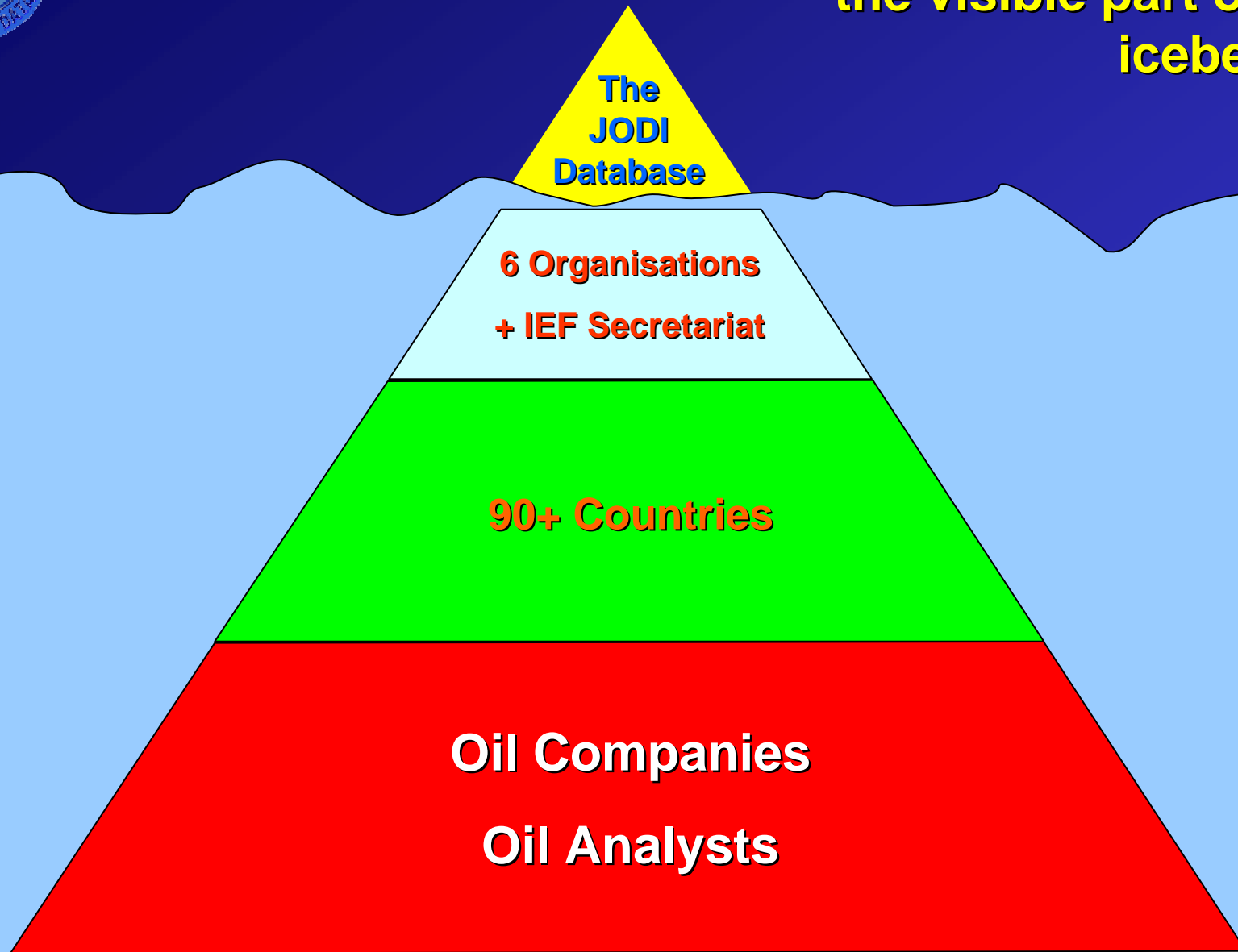
**JODI: Role of stakeholders**

**JODI: Actions ahead**





**The Database is only  
the visible part of the  
iceberg...**



# Ministers commitment: JODI is high in the political agenda

- Energy Ministers from both producing and consuming countries, underscore regularly the importance of transparency and exchange of energy data for market predictability and stability
- As at the 9th IEF (Amsterdam, 2004), JODI was once again under the spotlight at the 10<sup>th</sup> IEF (Doha, 2006)
- JODI got also strong support at the G8 Summit in July 2006 (St. Petersburg), at the 18th APEC Ministerial and at the G20 Meeting in November 2006 (Melbourne) and more recently at the Second Energy Ministers Roundtable in May 2007 (Riyadh)

# Staff in charge of data collection: JODI Training

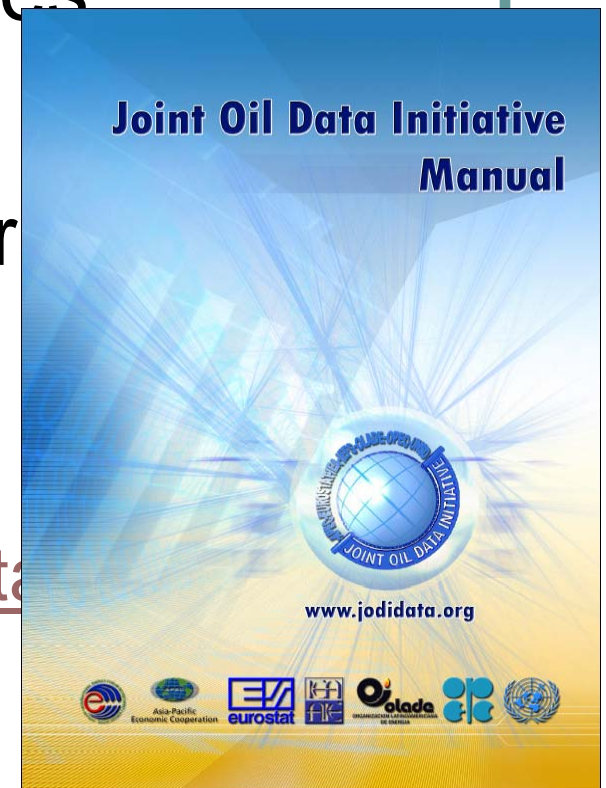
- Help participating countries to report better quality data in the JODI questionnaire
- Offers participants an opportunity
  - To get clarifications about the definitions, data quality assessment and oil data issues
  - to share their experience on data validation best practices or data collection issues

# JODI Training

- 1<sup>st</sup> JODI Training in Caracas, Venezuela, for Latin-American countries on 14-18 August 2006
- 2<sup>nd</sup> JODI Training, for Sub-Saharan African countries followed in Johannesburg, South Africa (30 January - 2 February 2007)
  - Inaugural address by the Minister of Minerals and Energy of South Africa
- 3<sup>rd</sup> JODI Training, for MENA countries will be organized late 2007. IEFS also envisages a workshop for Caspian and Central Asian countries.

# Dissemination of information on JODI

- JODI international Conferences
- Regular JODI Newsletters
- Promoting JODI in various forms (conferences, side events)
- JODI Manual  
(can be downloaded: [www.jodidata.org](http://www.jodidata.org))
- JODI Internships





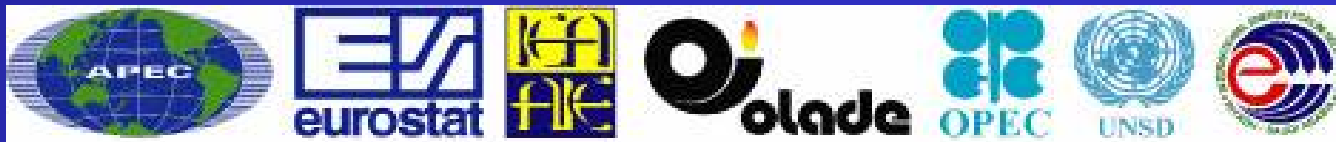
## Summary

**JODI: Historical background**

**JODI: Data collection mechanism**

**JODI: Role of stakeholders**

**JODI: Actions ahead**





# 6th JODI Conference

## Riyadh, November 2006

- Participants have identified a list of prioritized actions to improve further data quality and extend the Initiative
  - Continue to improve completeness, timeliness and reliability of the data
  - Work more closely with a wider range of both data providers and users in order to improve the usefulness of the Initiative and the entire database
  - Extend the JODI questionnaire by disaggregating the existing flows and products



## Extended JODI Questionnaire (implementation plan)

- Conduct an Exercise on a trial period basis by sending two formats: the current one (Form 1) and the extended version (Form 2).
- Launch of the trial Exercise should start in 2-3 months after the 6<sup>th</sup> International JODI Conference to allow partner organisations to consult with Member Countries.
- Assess the results of the trial Exercise at the next JODI Conference.

# Achievements through JODI

- Helped raising political awareness on the importance of oil data transparency
- Helped establishing a free sound oil data collection system at the global level
- Improved attitude toward data confidentiality
- Created a momentum for more harmonization and cooperation
- Strengthened producer-consumer dialogue

# Conclusion

- JODI is a concrete outcome of what the producer - consumer dialogue can accomplish
- Launch of the JODI database is a starting point towards enhanced data transparency
- Transparency will not happen overnight but we are confident that if stakeholders – organizations, countries, industry, analysts – work together, data transparency could be improved significantly

# Participation in JODI - China

Algeria	☹️	☹️	☹️
Angola	n/a	n/a	n/a
Argentina	☹️	☹️	☹️
Australia	☹️	☹️	☹️
Austria	☹️	☹️	☹️
Barbados	☹️	☹️	☹️
Belgium	☹️	☹️	☹️
Bolivia	☹️	☹️	☹️
Brazil	☹️	☹️	☹️
Brunei Darussalam	☹️	☹️	☹️
Bulgaria	☹️	☹️	☹️
Cameroon	n/a	n/a	n/a
Canada	☹️	☹️	☹️
Germany	☹️	☹️	☹️
Greece	☹️	☹️	☹️
Grenada	☹️	☹️	☹️
Guatemala	☹️	☹️	☹️
Guyana	☹️	☹️	☹️
Haiti	☹️	☹️	☹️
Honduras	☹️	☹️	☹️
Hong Kong, China	☹️	☹️	☹️
Hungary	☹️	☹️	☹️
Iceland	☹️	☹️	☹️
India	☹️	☹️	☹️
Indonesia	☹️	☹️	☹️
Iran	☹️	☹️	☹️
Norway	☹️	☹️	☹️
Oman	☹️	☹️	☹️
Panama	☹️	☹️	☹️
Papua New Guinea	☹️	☹️	☹️
Paraguay	☹️	☹️	☹️
Peru	☹️	☹️	☹️
Philippines	☹️	☹️	☹️
Poland	☹️	☹️	☹️
Portugal	☹️	☹️	☹️
Qatar	☹️	☹️	☹️
Romania	☹️	☹️	☹️
Russian Federation	☹️	☹️	☹️
Saudi Arabia	☹️	☹️	☹️

Submission

Timeliness

Completeness

China



Costa Rica	☹️	☹️	☹️
Croatia	☹️	☹️	☹️
Cuba	☹️	☹️	☹️
Cyprus	☹️	☹️	☹️
Czechia	☹️	☹️	☹️
Denmark	☹️	☹️	☹️
Dominican Republic	☹️	☹️	☹️
Ecuador	☹️	☹️	☹️
Egypt	☹️	☹️	☹️
El Salvador	☹️	☹️	☹️
Estonia	☹️	☹️	☹️
Finland	☹️	☹️	☹️
France	☹️	☹️	☹️
Gabon	n/a	n/a	n/a
Korea	☹️	☹️	☹️
Kuwait	☹️	☹️	☹️
Latvia	☹️	☹️	☹️
Libya	☹️	☹️	☹️
Mexico	☹️	☹️	☹️
Myanmar	☹️	☹️	☹️
Netherlands	☹️	☹️	☹️
New Zealand	☹️	☹️	☹️
Nicaragua	☹️	☹️	☹️
Nigeria	☹️	☹️	☹️
Suriname	☹️	☹️	☹️
Sweden	☹️	☹️	☹️
Switzerland	☹️	☹️	☹️
Syria	n/a	n/a	n/a
United Kingdom	☹️	☹️	☹️
United States	☹️	☹️	☹️
Uruguay	☹️	☹️	☹️
Venezuela	☹️	☹️	☹️
Vietnam	☹️	☹️	☹️
Yemen	☹️	☹️	☹️

**No submission of closing stock data**

Categories of participation, as of July-December 2005.

Azerbaijan started its participation after July 2005, and therefore is not graded.



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