Better Data – Better Decisions

Key findings from JODI User Survey 2017

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Survey Background

• Last 5th JODI User Survey (Feb.- Mar. 2015)

• Survey Period from 4 September to 8 October

• 91 responses from 34 countries
  (226 responses from 43 during the 5th Survey over roughly 2 months)
User Profile 1

How would you best describe your affiliation?

- Energy industry / Oil & Gas industry: 32% (32% increase)
- Academic / think tank: 20% (20% decrease)
- Consultancy: 17% (17% decrease)
- Regional / International organisation: 3% (3% decrease)
- Financial sector: 19% (19% increase)
- Other: 2% (2% decrease)
- Government: 7% (7% decrease)
- Other: 2% (2% decrease)

Last Survey: 9%
This Survey: 7%

How would you best describe your job function?

- Oil / Energy Analyst: 42% (42% increase)
- Researcher: 34% (34% decrease)
- Statistician: 8% (8% increase)
- Other: 16% (16% decrease)
- Other: 2% (2% decrease)

Last Survey: 35%
This Survey: 34%

<table>
<thead>
<tr>
<th>Affiliation</th>
<th>Last Survey</th>
<th>This Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government</td>
<td>9%</td>
<td>7%</td>
</tr>
<tr>
<td>Energy industry / Oil &amp; Gas industry</td>
<td>25%</td>
<td>32%</td>
</tr>
<tr>
<td>Academic / think tank</td>
<td>23%</td>
<td>20%</td>
</tr>
<tr>
<td>Consultancy</td>
<td>14%</td>
<td>18%</td>
</tr>
<tr>
<td>Regional / Intl organisation / NGO</td>
<td>2%</td>
<td>3%</td>
</tr>
<tr>
<td>Financial sector</td>
<td>10%</td>
<td>19%</td>
</tr>
<tr>
<td>Other</td>
<td>10%</td>
<td>2%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Job Function</th>
<th>Last Survey</th>
<th>This Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Researcher</td>
<td>35%</td>
<td>34%</td>
</tr>
<tr>
<td>Oil / Energy analyst</td>
<td>37%</td>
<td>42%</td>
</tr>
<tr>
<td>Statistician</td>
<td>5%</td>
<td>8%</td>
</tr>
<tr>
<td>Other</td>
<td>24%</td>
<td>16%</td>
</tr>
</tbody>
</table>

| Other                                      | 2%          | 2%          |
User Profile 2

Previous Survey

- More than 1 year: 54%
- Less than 1 year: 46%

This Survey

- More than 1 year: 54%
- Less than 1 year: 46%

Previous Survey

- Meeting / Conference: 19%
- JODI website: 26%
- JODI Partner website: 6%
- Media: 20%
- Other: 34%

This Survey

- Meeting / Conference: 19%
- JODI website: 26%
- JODI Partner website: 6%
- Media: 20%
- Other: 34%
JODI Databases usage pattern 1

Do you use JODI-Oil and/or JODI-Gas World Databases?

- Use JODI-Oil World Database: 83%
- Use JODI-Gas World Database: 31%
- Neither of them: 13%

Please specify why you do not use JODI World Databases (oil and gas)?

- Do not have confidence in data quality: 8%
- Available data does not match my needs: 17%
- Other (please specify): 75%
What do you use JODI for?

- **81%** use JODI for conducting analysis/research.
- **22%** use JODI to fill gaps or missing data.
- **35%** use JODI to compare with other data.
Oil database usage pattern 1

How often do you access the JODI-Oil World Database

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Last Survey</th>
<th>This Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>From time to time</td>
<td>52%</td>
<td>35%</td>
</tr>
<tr>
<td>Monthly</td>
<td>39%</td>
<td>48%</td>
</tr>
<tr>
<td>Weekly</td>
<td>8%</td>
<td>15%</td>
</tr>
<tr>
<td>Daily</td>
<td>2%</td>
<td>2%</td>
</tr>
</tbody>
</table>

When do you access the JODI-Oil World Database?

<table>
<thead>
<tr>
<th>Access Method</th>
<th>Last Survey</th>
<th>This Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>As soon as it is updated</td>
<td>24%</td>
<td>39%</td>
</tr>
<tr>
<td>Only when I need data</td>
<td>74%</td>
<td>67%</td>
</tr>
<tr>
<td>Other</td>
<td>2%</td>
<td>0%</td>
</tr>
</tbody>
</table>
Oil database usage pattern 2

How do you view the data on JODI-Oil?

- Time series: 91%
- Latest month: 13%
- Specific month: 11%

What is your preferred unit for data display on JODI-Oil?

- Thousand Barrels per Day (kb/d): 74%
- Thousand Barrels (kbbl): 30%
- Thousand Kiloliters (kl): 9%
- Thousand Metric Tons (kml): 30%
Gas database usage pattern 1

How often do you access the JODI-Gas World Database

- Monthly: 53%
- From time to time: 47%

When do you access the JODI-Gas World Database?

- As soon as its updated: 35%
- When I need data: 71%
Gas database usage pattern 2

How do you view the data on JODI-Gas?

- **Time series**: 82%
- **Latest month**: 12%
- **Specific month**: 12%

What is your preferred unit for data display on JODI-Gas?

- **Million cubic meters**: 88%
- **Terajoules**: 24%
- **Thousand metric tons (for LNG)**: 24%
Feedback on data

How do you assess the JODI-Gas data coverage (i.e. what is reported for flow and products)?

- Good / Adequate: 65%
- Fair / Enough: 29%
- Poor / Not Enough: 6%

How do you assess the JODI-Oil data coverage (i.e. what is reported for flow and products)?

- Good / Adequate: 56%
- Fair / Enough: 37%
- Poor / Not Enough: 7%