



Benefits of the JODI Cooperation Mechanism across the Energy Data Supply Chain

14th JODI Conference, Cairo

European Commission – EUROSTAT

Overview

- What are the **benefits** of the **JODI** mechanism for the **different stakeholders** of the **data production process**?
- **Eurostat** is a **founding partner organization** and **strong supporter** of the initiative!
 - ✓ Obviously 'subjective view'...
 - ✓ ... but **objective approach** towards **data quality** aspects



Key questions...



1. **What kind of influence has JODI had on national administrations in their efforts to improve data quality?**
2. **How does energy data transparency contribute to energy security?**
3. How can JODI and national administrations facilitate energy companies' compliance with data transparency commitments/obligations?
4. How can JODI further facilitate bilateral and multi-lateral cooperation among and within countries towards increased energy data transparency?
5. **How adequate are definition and reporting harmonization efforts through JODI?**
6. **How do IO's benefit from international cooperation frameworks such as JODI and how can JODI further enhance data transparency through cooperation with other frameworks such as *InterEnerStat* and *Oslo City Group*?**

... and some thoughts



Advantages of JODI

- ✓ JODI focuses on the essential data
- ✓ JODI provides a relatively flexible reporting mechanism but based on a clear methodological framework
 - ❑ Network of regional organizations knowledgeable of to their members' **specific contexts**
 - ❑ Simple **tools**, transparent data treatment process
 - ❑ Regular **trainings** for national authorities, simple and **practical guidelines**
 - ❑ High **visibility of the data** collected within a short delay!

JODI helps improving data quality



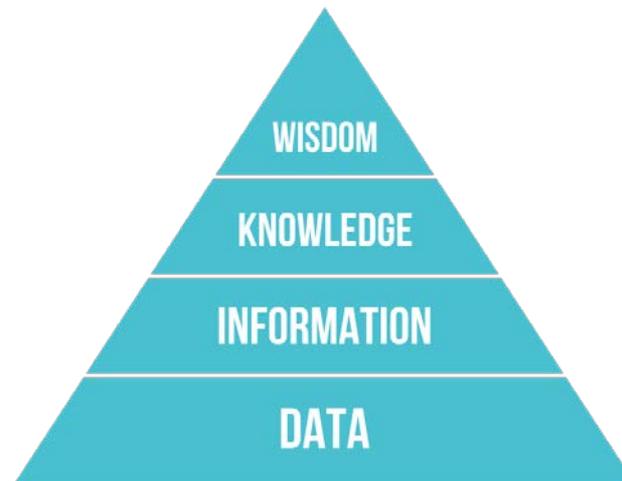
What kind of influence has JODI had on national administrations in their efforts to improve data quality?

- ✓ JODI helps to improve institutional & legal reporting framework
- ✓ Improvements in **timeliness** and **punctuality**
- ✓ Improvements in the **coherence** and **comparability** of the data collected
- ✓ Improvements in the **accessibility** and **clarity** via the publication of the data in the JODI WDB
- ✓ Assess the **relevance** and **reliability** of the data thanks to the involvement of the data users in the JODI cooperation framework

Quality for data users... and providers

Reporting companies also benefit from data transparency

- ✓ Helps companies to better understand their own **market** and identify **business opportunities** or improve **efficiency** of business models
- ✓ Improves **image** and builds **trust**
- ✓ Fosters improvement of **monitoring system** of companies' own operations



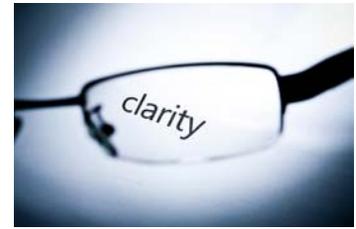
JODI data contributes to energy security

*How does energy data transparency contribute to **energy security**?*

- ✓ Data transparency is **essential to all** stakeholders
 - ❑ More informed energy policy decisions based on facts
 - ❑ More functional and efficient energy markets
 - ❑ Increased potential for research (better modelling of the future trends)
 - ❑ Increased trust



JODI helps to increase clarity



*How adequate are definition / reporting **harmonization** efforts through JODI?*

Harmonization = higher **clarity** = increased **transparency**

- ✓ JODI was among the first initiatives to work on harmonization of definitions and reporting processes
- ✓ Room for improvement...
 - ❑ Improve existing definitions
 - ❑ Better explain / present remaining differences
 - ❑ Links between more detailed annual and JODI monthly energy data ()
 - ❑ Other energy products (coal, renewables), specific issues (hydrogen)
 - ❑ Improve presentation of the data
 - ❑ Further training and methodological support

Efficiency in the data supply chain

- *'Data is the blood of the digital economy'* [do not clog the arteries!]
- ✓ Many **data needs**: fiscal purposes, economic analysis and prospective [including intra-company level], strategic decisions and planning, business opportunities...
- ✓ Many **reporting frameworks**
 - Example of the EU
 - All EU Member States are UNSD members [12 EU MS + 1 EEA State participate in the Oslo group]
 - 23 out of 28 EU MS are IEA and / or OECD members
 - 14 EU MS + 2 EFTA States are members of the IEF
- Increasing **harmonization of reporting rules**, practices and **tools** is essential for the efficiency of the energy data supply process and to facilitate the exchange of information with other structures



JODI benefits the partners

How do International Organizations benefit from international cooperation frameworks such as JODI?

- ✓ Sharing experience and **learning** from others
- ✓ Improve data **transparency** worldwide by increasing harmonization of methodologies (*comparability*)
- ✓ Improve **efficiency** and reduce burden of data reporting
- ✓ Ensure that **specificities of national and regional contexts** are taken into account when discussing reporting frameworks and methodologies
- ✓ **Participate** to the development of relevant indicators for monitoring important international policies [e.g. SDG]

BENEFITS
BENEFITS

JODI is not alone...

How can JODI further enhance data transparency through cooperation with other frameworks such as InterEnerStat and Oslo City Group?

- ✓ *Oslo group* on energy statistics: framework for **exchange between countries & organizations**
- ✓ *International Energy Statistics Working Group* (InterEnerStat): framework for **methodological discussions among international organizations**
- ✓ Instrumental in the development of the **IRES** ([International Recommendations on Energy Statistics](#)) and **ESCM** ([Energy Statistics Compiler's Manual](#))





... cooperation is key

Relations between JODI and other multilateral frameworks dedicated to energy data can be stronger... even if all partners are already actively involved

- ✓ Participation in meetings, sharing experience and discussing **topics of mutual interest**
- ✓ JODI strongly **benefits** from the work of other organizations (IRES, ESCM)
- ✓ Decide where to go next, **what is needed** in a broader context
Organization of joint or parallel **training sessions** with other IO's increases attractiveness
- ✓ Deliver **input from JODI stakeholders** to the discussions held in other frameworks

The (JODI) energy data supply chain

Cooperation model across data chain

