



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

14<sup>th</sup> 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



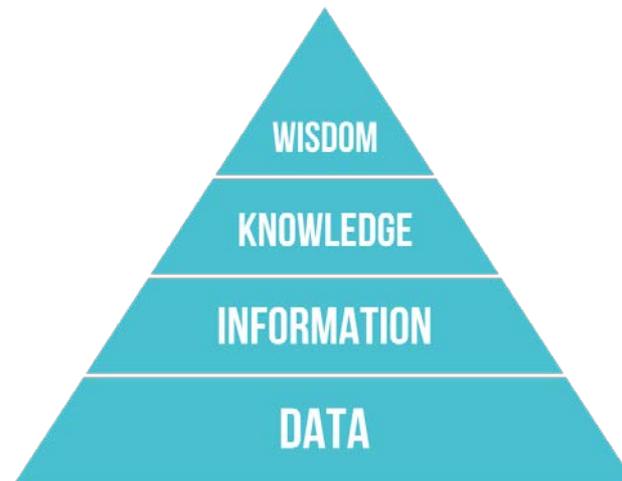
*What kind of influence has JODI had on national administrations in their efforts to improve data quality?*

- ✓ 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

# Where we are and where we go...

- JODI mechanism has unique advantages
  - ✓ Stakeholder **involvement** (across all data supply chain)
  - ✓ Regular and tangible **output** (WDB)
  - ✓ High level of **harmonization** of data reporting and dissemination
  
- Opportunities to involve more players
  - ✓ Discuss **broader issues** of data quality
  - ✓ Wider **support** for the initiative but also more generally for data transparency
  - ✓ Put in common **resources** in order to more efficiently address the needs of the reporting authorities, data providers & users





# The (JODI) energy data supply chain

## Cooperation model 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