

# Better Data – Better Decisions

## JODI Training Programmes and Synergy with Other Capacity Building Efforts

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**Where JODI fits in respective JODI Partner's energy data collection framework?**

**JODI Capacity Building Mechanism**

**Recent JODI Capacity Building Efforts and Outcomes**

**Way Forward**

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**Where JODI fits in respective JODI Partner's energy data collection framework?**

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# Publically available data from APEC

## Monthly

Direct communication  
only



## Quarterly

Mainly direct communication

Oil

Natural Gas

Coal

Electricity

## Annually

Direct communication and  
estimation

Oil

Natural Gas

Coal

Electricity

New and Renewables

Energy Balances

CO2 Emissions

Infrastructure capacities

# Publically available data from Eurostat

## Monthly

Direct communication only



MOS (Oil and Gas)

Coal

Electricity

## Annually

Direct communication only

Oil

Natural Gas

Coal / Solid fuels

Electricity and heat

Renewables and wastes

Energy Balances

CO2 Emissions

Biannual Energy Prices (Natural gas and Electricity)

# Publically available data from GECF

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Monthly

Direct communication only



# Publically available data from IEA (OECD Countries)

## Monthly

Direct communication /  
secondary sources



MOS (Oil and Gas)

Gas Trade Flows

Electricity

Energy Prices

## Quarterly

Mainly direct  
communication

Coal

Energy Prices

## Annually

Direct communication and  
some estimates

Oil

Natural Gas

Coal

Electricity

Renewables

Energy Statistics  
Energy Balances  
(derived from above)

CO2 Emissions  
(estimated based on balances)

# Publically available data from IEA (Non-OECD Countries)

## Quarterly

Direct communication /secondary  
sources and some estimation

Oil

Natural Gas

Coal

## Annually

Direct communication/ secondary  
sources and some estimation

Oil

Natural Gas

Coal

Electricity

Renewables

Energy Statistics  
Energy Balances  
(derived from above)

CO2 Emissions  
(estimated based on balances)



# Publically available data from OLADE

## Monthly

Direct communication only



## Annually

Direct communication and estimation

Oil

Natural Gas

Coal

Electricity

New and Renewables

Energy Balances

CO2 Emissions

Energy Prices

Infrastructure capacities

Resource reserves, Potential

# Publically available data from OPEC

## Monthly

Direct communication only

**JodiOil** 

**JodiGas** 

Monthly Crude Oil  
Production

## Annually

Direct communication and secondary sources

OPEC Macro Economics

Oil and Gas  
(Rigs, Wells, Reserve, Supply, Demand, Trades)

Energy Transportation

Energy Prices and Taxes

Infrastructure capacities

# Publically available data from UNSD

## Monthly

Direct communication only



Oil (production only)

Natural gas (production only)

Coal (production only)

Electricity (production only)

## Annually

Direct communication and estimation  
(all world)

Oil

Natural Gas

Coal

Electricity

Renewables

Energy Balances

Resource Reserves, Potentials

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# JODI Training Formats

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- Regional Training Workshop
  - 25-40 participants
  - Select a host country in a focused region
- In-House Training Workshop
  - 25-40 participants
  - Trainers visits a country in focus to train its professionals at national administration as well as industry
- JODI Internship
  - 2-10 participants
  - Invite participants at the IEF headquarters

# JODI Training Key Contents

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**For two and half days programme:**

## **Background of the JODI and importance of energy data transparency (half day)**

- Presentation on historical background and evolution of the energy data transparency initiative
- Use of JODI data in energy market analysis

## **Lecture on key JODI definitions (half day)**

- Introduction of the JODI-Oil Manual 2<sup>nd</sup> Edition
- Introduction of the JODI-Gas Manual

## **Hands on exercises (one day)**

- Filling JODI Questionnaires
- Dialogues on country data submission situation
- Introduction to data validation techniques
- Introduction to data validation tools
- Sharing data collection and dissemination experiences among participants

## **Site visit to key oil and gas infrastructures (half day)**

- Ras Raffan Industrial Complex in Qatar, Schwechat Refinery in Austria

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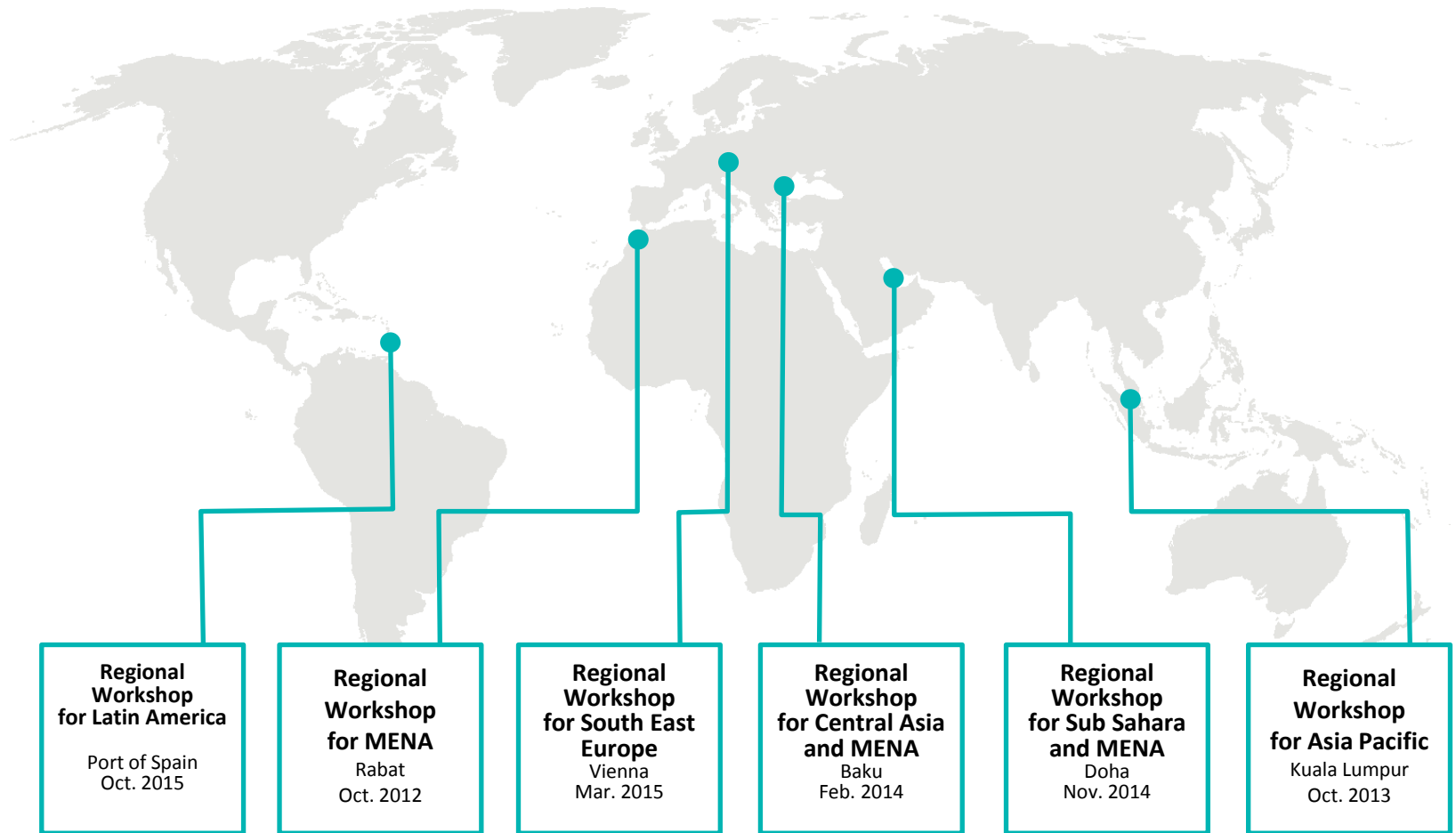
Where JODI fits in respective JODI Partner's energy data collection framework?

JODI Capacity Building Mechanism

**Recent JODI Capacity Building Efforts and Outcomes**

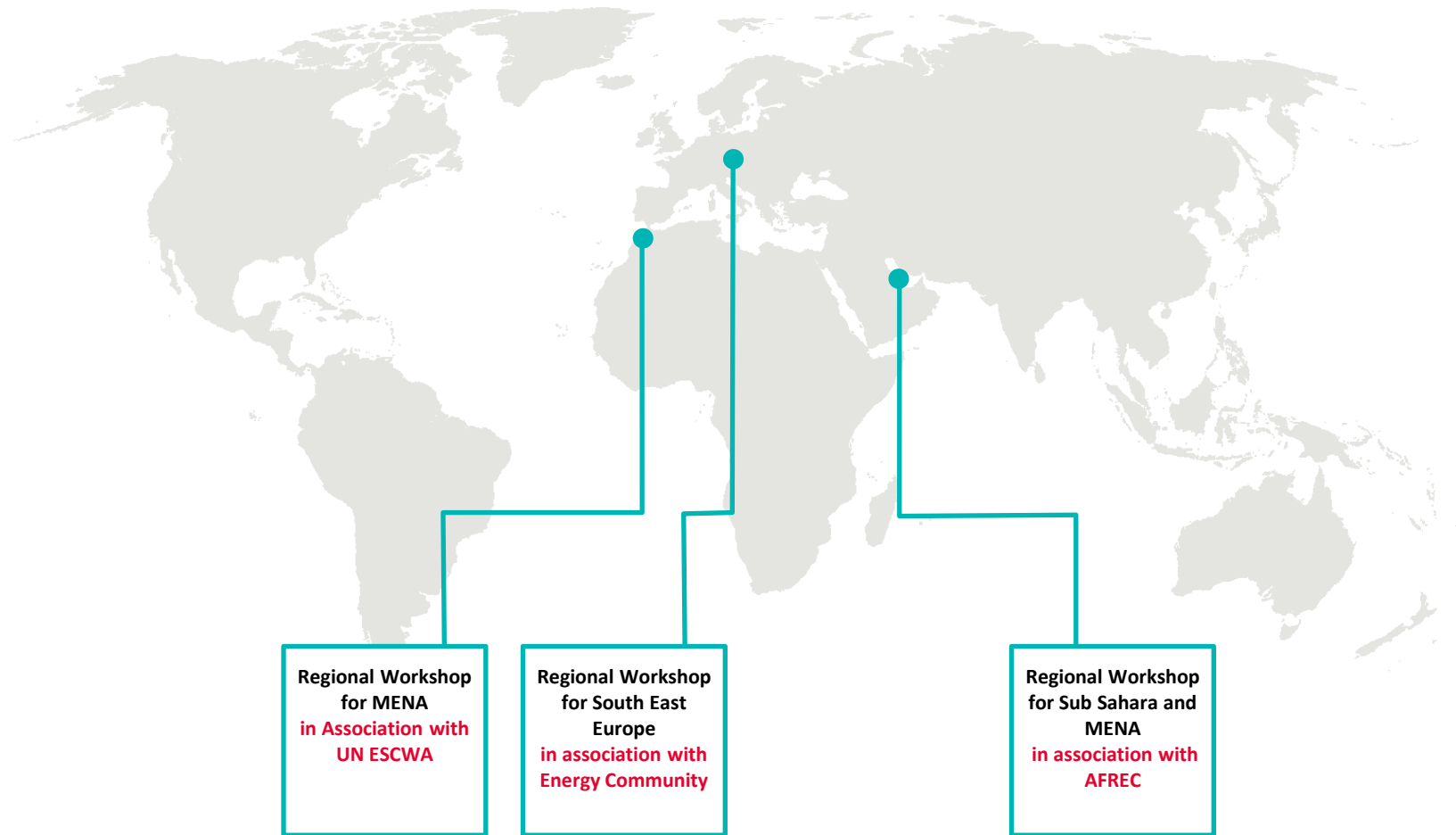
Way Forward

# Recent JODI Trainings

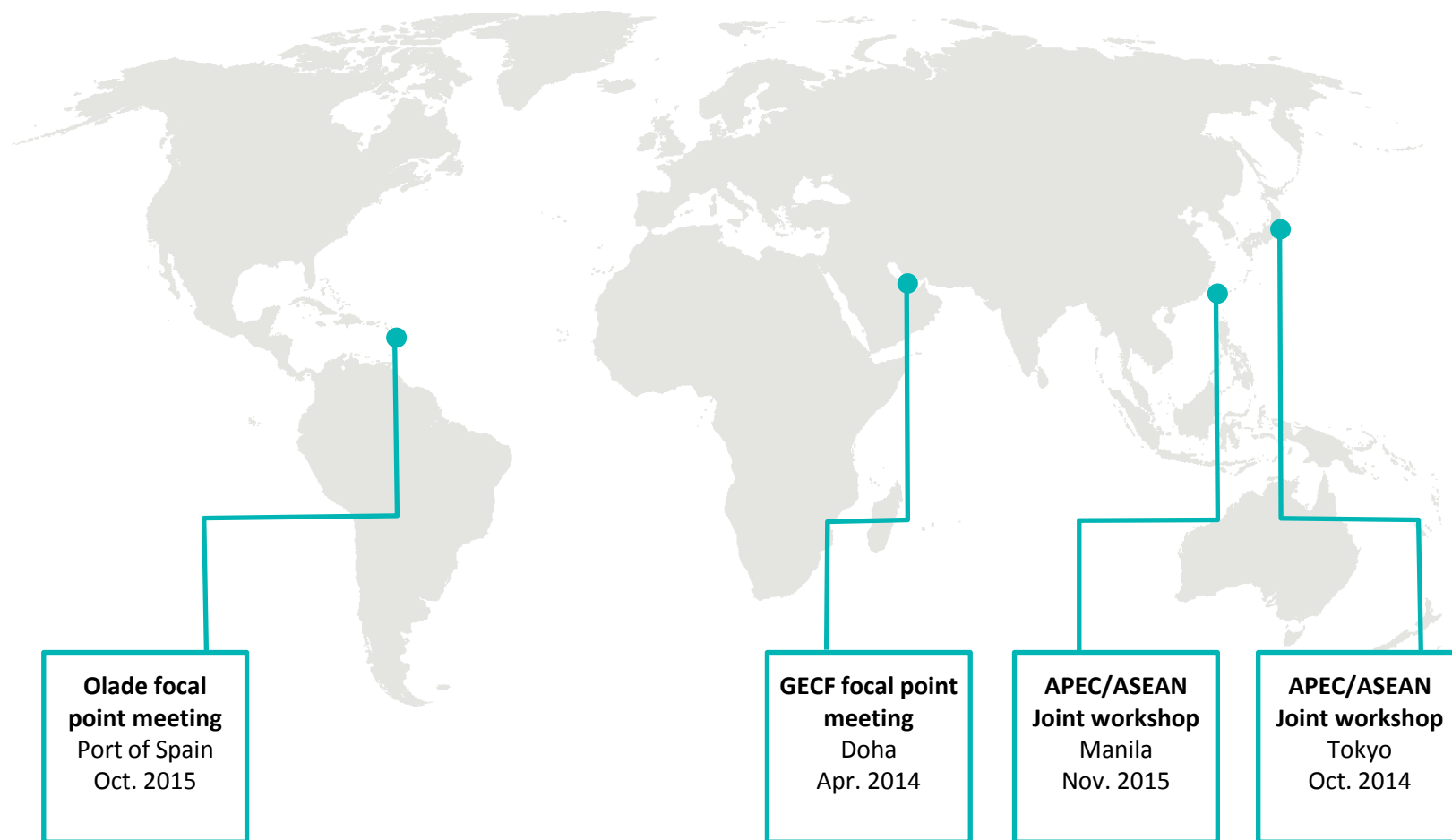




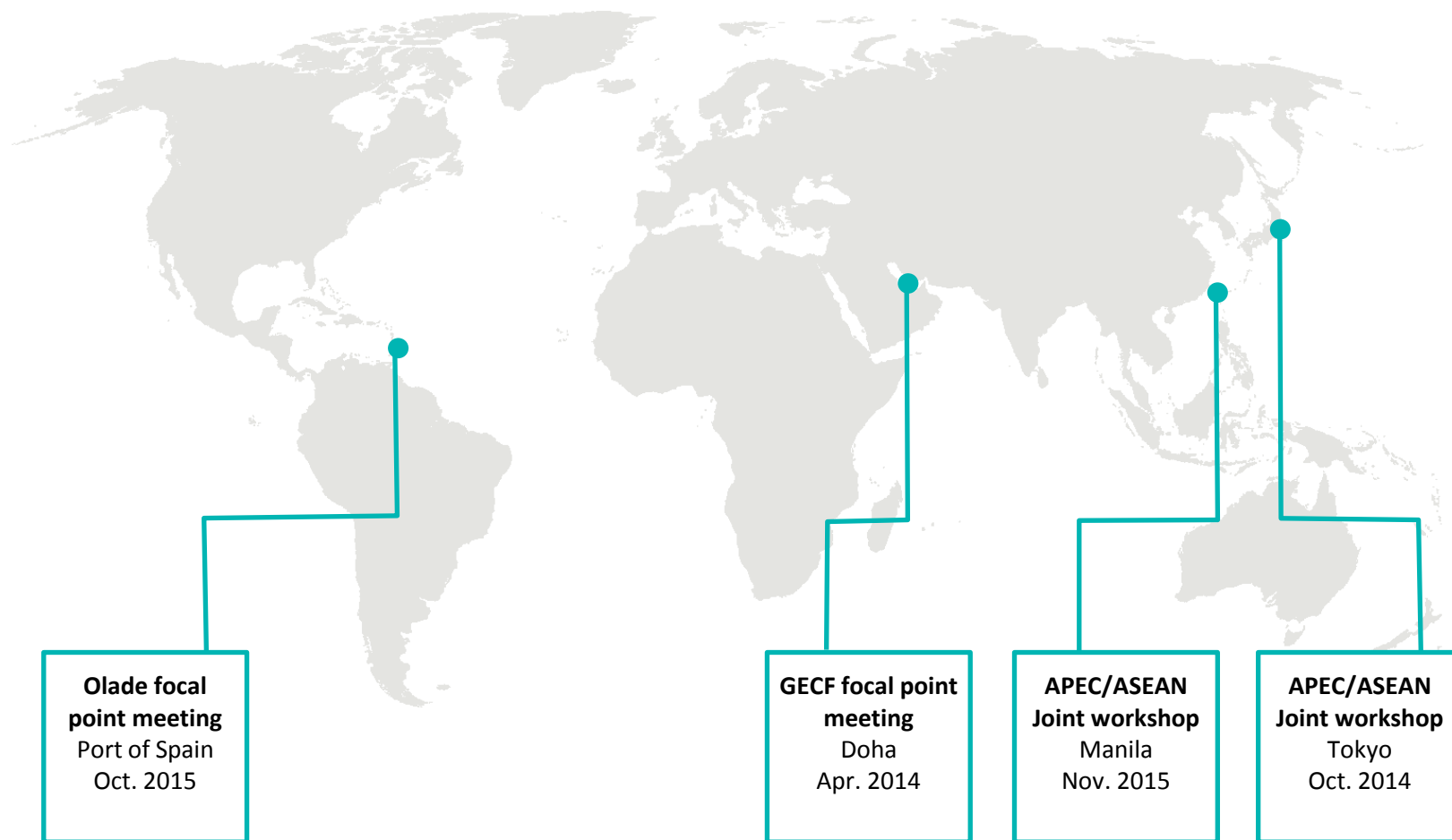
# JODI Capacity Building Effort in Association with...



# JODI Capacity Building Effort Back to Back with...



# JODI Capacity Building Effort Back to Back with...



# Some tangible outcomes

May 2014

101

Armenia  
Belarus  
Gambia  
Niger  
Tajikistan  
the FYR of Macedonia  
Mauritius

May 2015

108


# Some tangible outcomes

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Over last six months


Average

65

Countries  
Updated  
**JodiOil**   
With M-1  
data

Average

49

Countries  
Updated  
**JodiGas**   
With M-1  
data

# Common feedbacks from participants

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- **How monthly and annual statistics are related?**
- **General confusion between energy balance and statistics**
- **How missing data can be estimated?**
- **How to report data, which come from natural gas value chain?**

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# Cost of running a training programme

## An example case for a regional training of 40 attendees (25 out of 40 attendees require travel expenses assistance)

○ Venue/coffee break	Sponsored by the host country
○ Presenters' travel expenses	Covered by the institution of each trainer
○ Air ticket / a participant	USD 400 to USD1000/ a ticket
○ Accommodation + per diem / a participant	USD150/ a night x 4 nights + Fixed rate of USD150
○ Miscellaneous (bus to site visit etc.)	USD1000

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**Total (excluding venue and presenters' travel expense): USD 30,000 – 40,000**



# Way Forward

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- **JODI is a part of integrated energy data collection within JODI Partners**
- **Training programme is highly modularised**
- **Cooperation among different stakeholders is a key to reach wider audiences**
- **Resource is limited yet synergy with other capacity building efforts will bring win-win situation**



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

