EU4Energy Data

Energy statistics in focus countries:
assessment, strategy, workplan

Data team : Claire Morel, Agnieszka Kościelniak, Markus Fager-Pintilä

2nd energy statistics network meeting , Astana, June 12th 2017

Overview

- Update on energy statistics in focus countries
  - Progress after the end of INOGATE
  - Summary assessment against EU4Energy Data Objectives

- Strategy for the coming years
  - 20 strategic actions for energy statistics & Country specific strategies
  - EU4Energy Data Roadmap

- Work plan for next year
  - Data audit
  - 2 major trainings & pilot activities
  - Calendar of events including activities of partner organizations

Assessment

Country missions

Country assess-ments

20 Strategic actions

Road map

Data audit

Training

ESN Oct 2016

ESN Jun 2017

ESN Jun 2018

Assessment   Strategy   Work plan

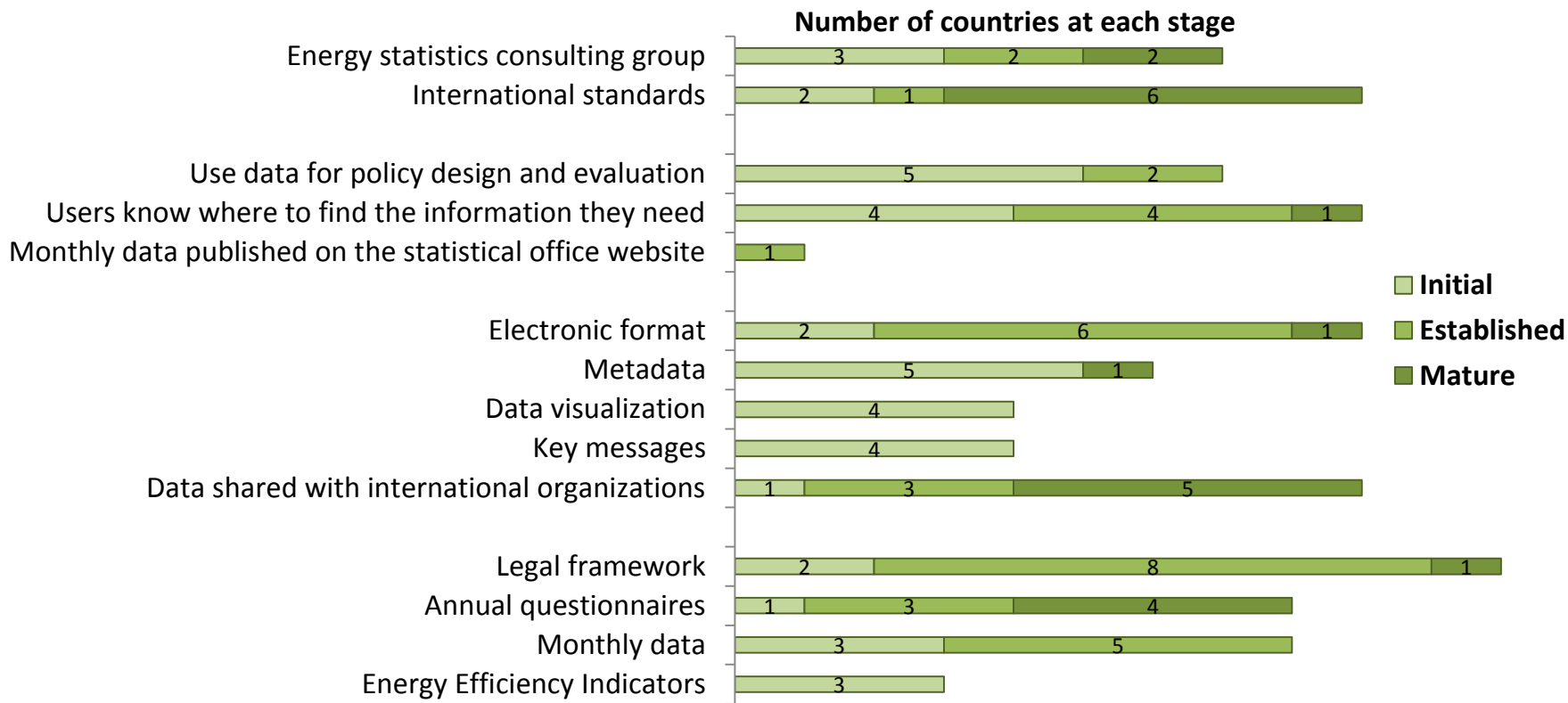# Energy statistics continued to progress after INOGATE

- All countries continued to progress in energy statistics

- Commitment from statisticians and country ownership remain high

- Statistics network members maintained close ties

- **Why continue?**

Assessment Strategy Work plan

Assessment table – Year 1

Number of countries at each stage

Category	Initial	Established	Mature
Energy statistics consulting group	3	2	2
International standards	2	1	6
Use data for policy design and evaluation	5	2	
Users know where to find the information they need	4	4	1
Monthly data published on the statistical office website			1
Electronic format	2	6	1
Metadata	5	1	
Data visualization	4		
Key messages	4		
Data shared with international organizations	1	3	5
Legal framework	2	8	1
Annual questionnaires	1	3	4
Monthly data	3	5	
Energy Efficiency Indicators	3		

Assessment ▸ Strategy ▸ Work plan

Key findings

Data use in policy making

Data dissemination

Data quality and production

High need
7/9 countries have policy targets linked to energy balances
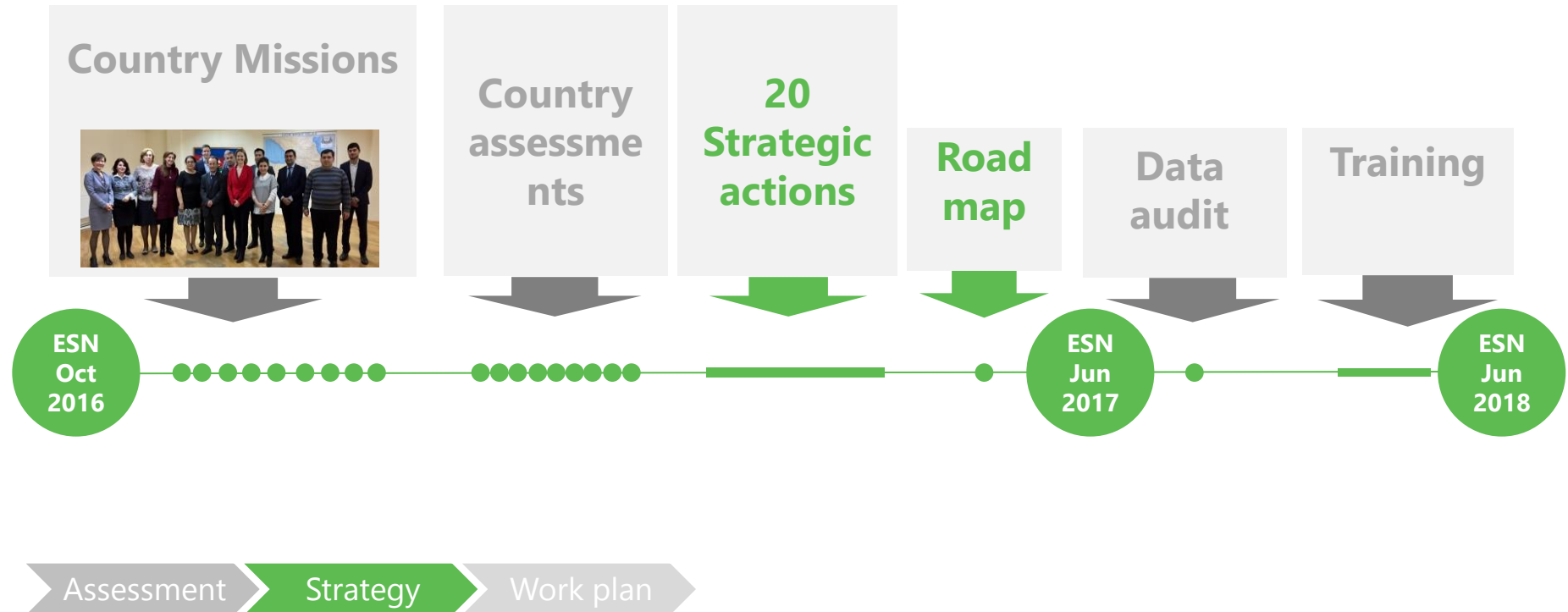
Limited use in policy-making,
- Links between statisticians and users remain insufficient
- Modest size of analytical teams in-government
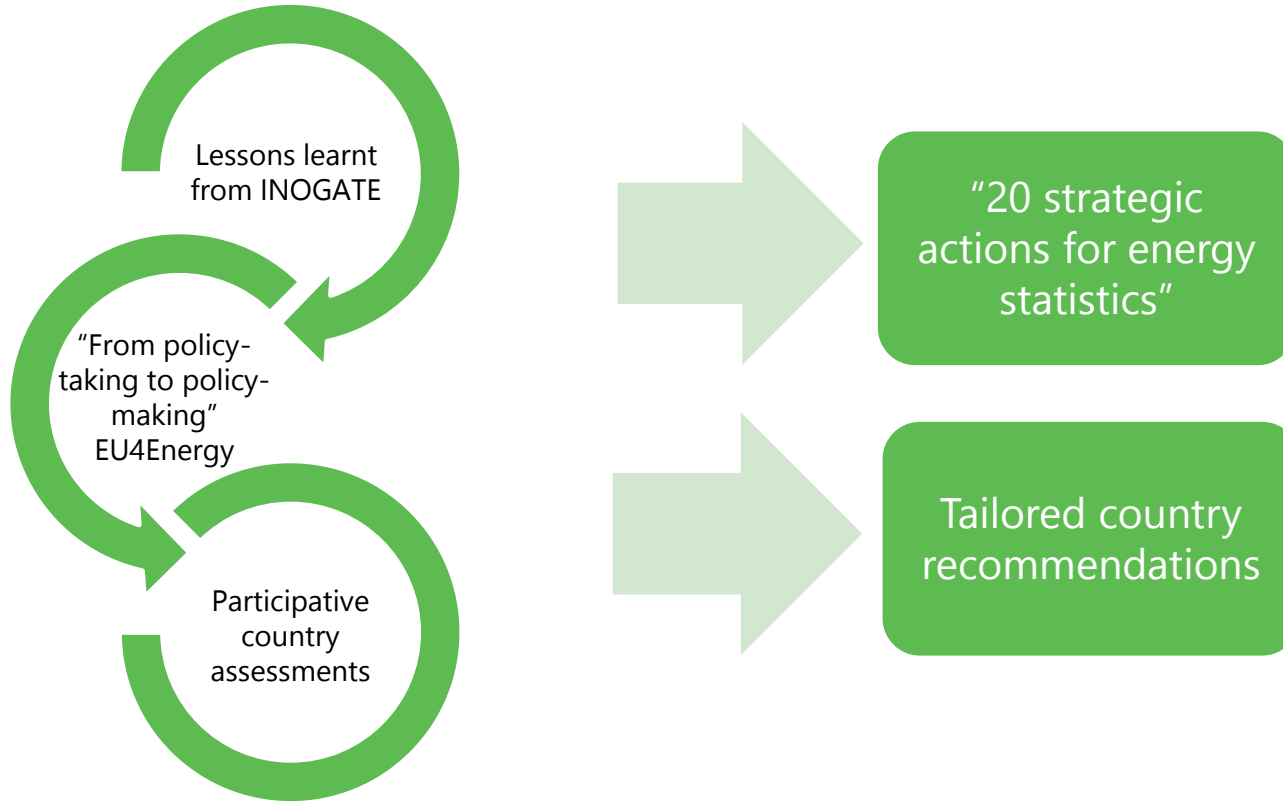- Energy statistics still suffer from lack of credibility

- **Good technical dissemination**
- **High public interest**

- Many users unaware of data availability
- Some data not published (JODI)
- Energy statistics are not always easy to to understand for users

- **Major progress** during and after INOGATE, thanks to high involvement from statisticians

- **High pressure** to strengthen and improve data quality alongside expanding energy data production

Assessment Strategy Work plan

Strategy

Country Missions

Country assessments

20 Strategic actions

Road map

Data audit

Training

ESN Oct 2016

ESN Jun 2017

ESN Jun 2018

Assessment Strategy Work plan

Strategies for energy statistics

Lessons learnt from INOGATE

"From policy-taking to policy-making" EU4Energy

Participative country assessments

"20 strategic actions for energy statistics"

Tailored country recommendations

Assessment Strategy Work plan

EU4Energy Data Roadmap - Key actions

Data use in policy making

- **Raise profile** of energy statistics

- **Involve all stakeholders** in national energy statistics working group

- **Expand** and educate energy **data user base**

- **Increase transparency on data quality**

- **Increase role of statistics and statisticians in policy monitoring**
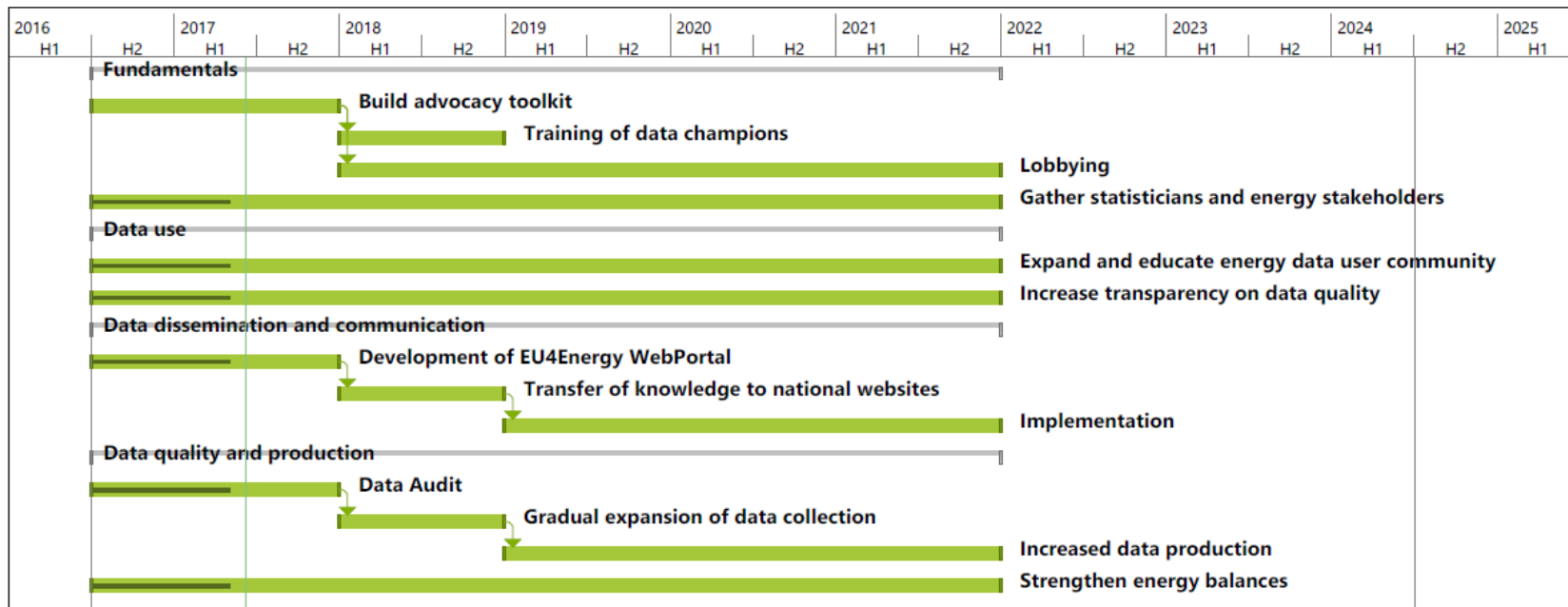
Data communication

- Make official energy data more **visible**

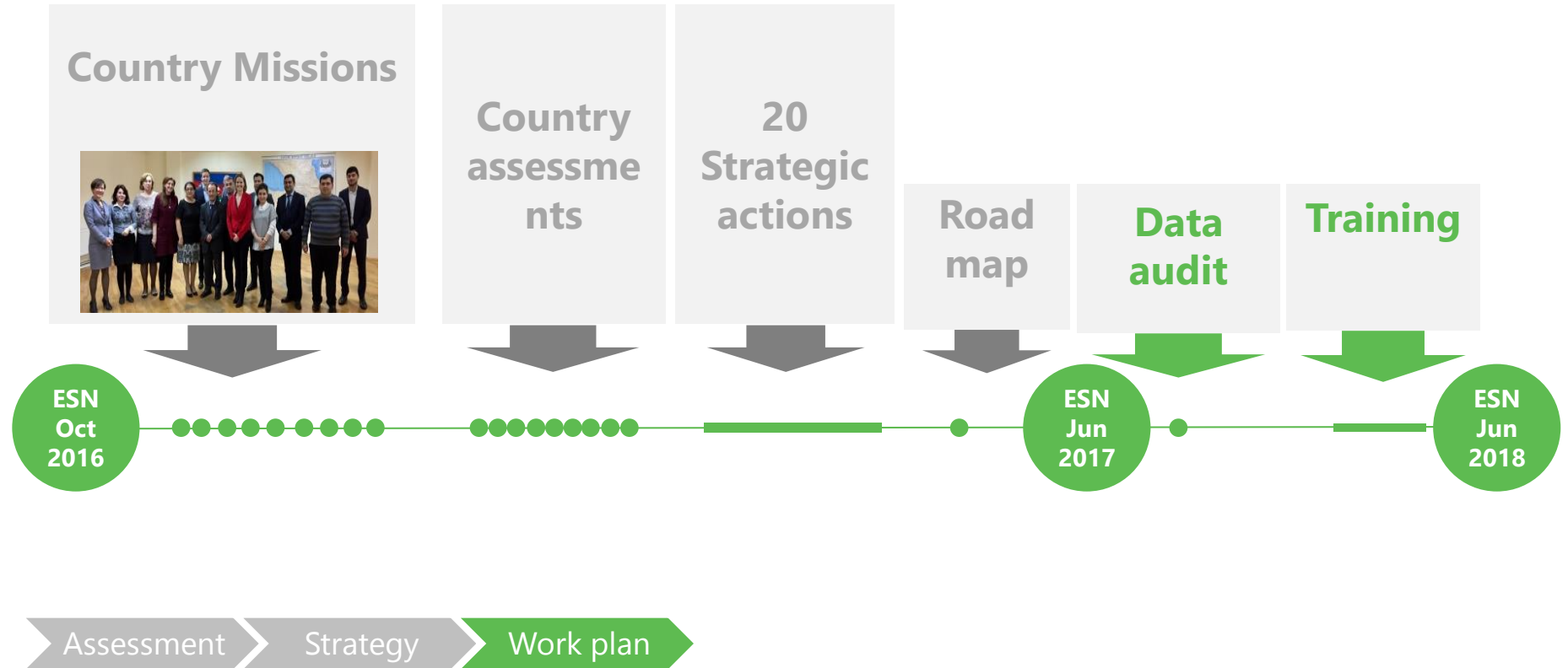- **Help users understand key messages** provided by energy data

Data quality and production

- **Train** data providers all along the data collection chain

- Set i**mprovement of data quality** as the **first priority**

- **Sustainably** expand data collection

Assessment → Strategy → Work plan

© OECD/IEA 2017

EU4Energy Data Roadmap

| | 2016 H1 | H2 | 2017 H1 | H2 | 2018 H1 | H2 | 2019 H1 | H2 | 2020 H1 | H2 | 2021 H1 | H2 | 2022 H1 | H2 | 2023 H1 | H2 | 2024 H1 | H2 | 2025 H1 |

Fundamentals
- Build advocacy toolkit
- Training of data champions
- Lobbying
- Gather statisticians and energy stakeholders

Data use
- Expand and educate energy data user community
- Increase transparency on data quality

Data dissemination and communication
- Development of EU4Energy WebPortal
- Transfer of knowledge to national websites
- Implementation

Data quality and production
- Data Audit
- Gradual expansion of data collection
- Increased data production
- Strengthen energy balances

Assessment ▸ Strategy ▸ Work plan

Data audit

- Objective: improving country demand side data, essential for policy-making

- Carried out by Croatian Energy Institute (EIHP)

- Timeline: April 2017-October 2017

- Deliverable: practical recommendations for narrowing gaps in energy balances/energy efficiency indicators

- Method: investigation of existing data sources/surveys in the country

Assessment > Strategy > Work plan

Make energy statistics an integral part of policy design

Keep data relevant to users' needs

Sustainably expand data collection

Build closer cooperation between data producers and data users

Two major statistics trainings

1) Georgia, Tbilisi 16-20 October 2017: Energy Efficiency Indicators & Energy Balance

2) Ukraine, Odessa 12-16 March 2018: Monthly data

- Policy-driven

- IEA «hands-on approach»: practical exercises, statisticians as trainers

- **Target:** working level statisticians (lead energy specialists)

Additional pilot training activities (training for region/oblast staff, webinars)

Assessment ⟩ Strategy ⟩ **Work plan**

Calendar of events: July 2017 – June 2018 (Year 2)

Q3 2017	Q4 2017	Q1 2018	Q2 2018
28-29 Sep (EU4Energy) *Odessa, Ukraine*	9-13 Oct (IEA) *Paris, France* -Energy Statistics Course	12-16 Mar (JODI Partners with EU4Energy) *Odessa, Ukraine* -Regional JODI Training Workshop and other monthly questionnaires	Late Apr/mid May (EU4Energy) (tbc) *Issyk-Kul, Kyrgyzstan* -Policy Forum
	16-20 Oct (EU4Energy) *Tbilisi, Georgia* -EE Training Week	19-23 Mar (IEA) *Paris, France* - Energy Statistics Course	Jun (EU4Energy) *Brussels, Belgium(tbc)* -Annual ESN Meeting
	8-9, Nov (Eurostat) *Luxembourg* -ESWG		Late Jun (EU4Energy) (tbc) *Chisinau or Brussels (EaP)*
	28-29 Nov (EU4Energy) (tbc) *Ashgabat, Turkmenistan (tbc)*		
	Nov (IRENA) *Tirana, Albania* -Training on renewables		
	Nov (EU4Energy) -ESN (virtual)		
	Mid/late Dec (EU4Energy) (tbc) *Brussels, Belgium (EaP)*		

Energy Statistics Network Meeting

Statistics training

Policy Forum

Statistics training back to back with policy forum

Assessment Strategy Work plan

Key takeaway points

- **Energy statistics are an integral part of Energy policy-making**

- **Production and use of high quality energy statistics is a shared responsibility between institutions**

- **The Energy Statistics (Network) serves all of us**

IEAforEU4Energy.Data@iea.org