



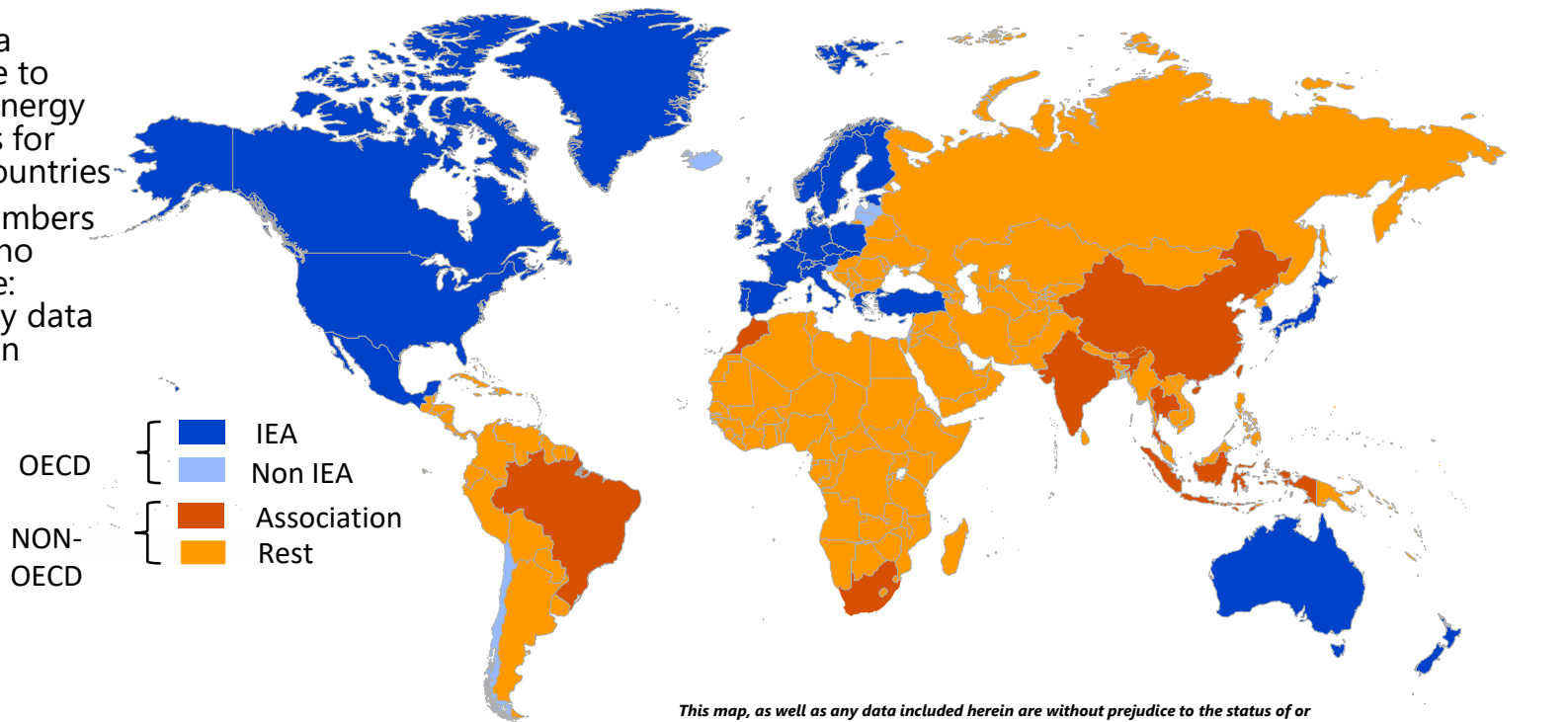
## **International Recommendations and Harmonization of Energy Statistics in LAC: panel introduction**

Roberta Quadrelli – Head of section, Energy Data Centre, IEA

OLADE Energy Week: Monitoring progress towards energy transitions in Latin America and the Caribbean - The Role of Energy Statistics and Indicators, Lima, November 2019

# Data collection at the IEA: the road to global outreach

- IEA has a mandate to collect energy statistics for OECD countries
- Non-members IEA has no mandate: voluntary data collection



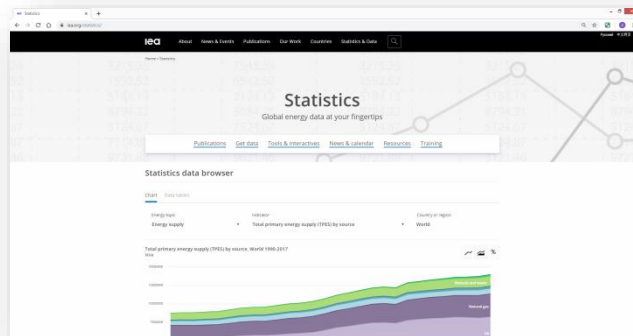
*This map, as well as any data included herein are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.*

**Harmonised data are fundamental for meaningful global compilation: need to use the same “language”**

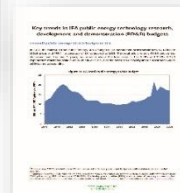
# Comparable data essential for quality dissemination

## Comprehensive

- Energy data for around 150 countries
- All fuels / Supply and demand
- Emissions, Prices, Efficiency, RD&D



**Statistics are top-viewed page with 35,000 views last month, and most time spent on page (after home page).**



**Tweet on our release made it to top 5 tweets**

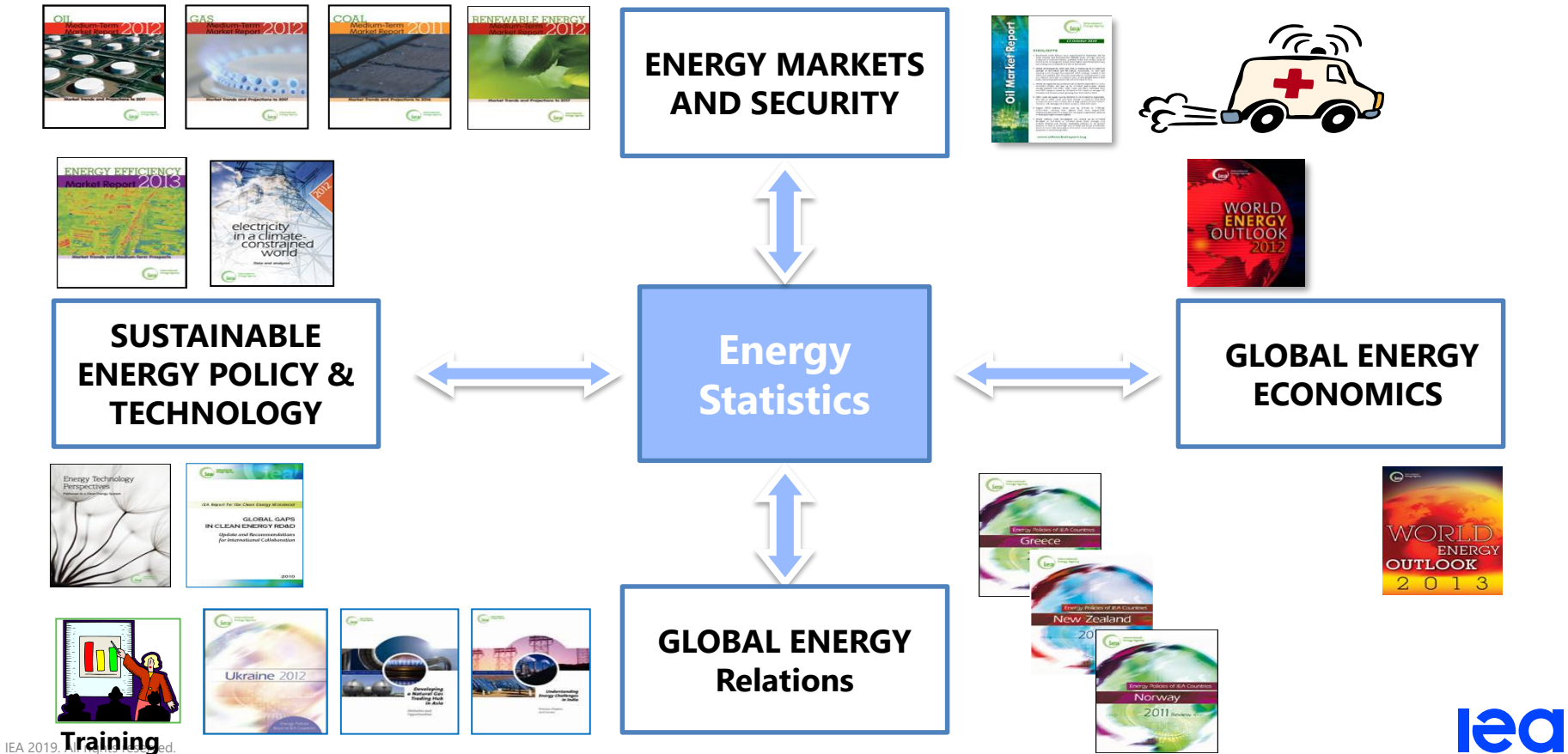


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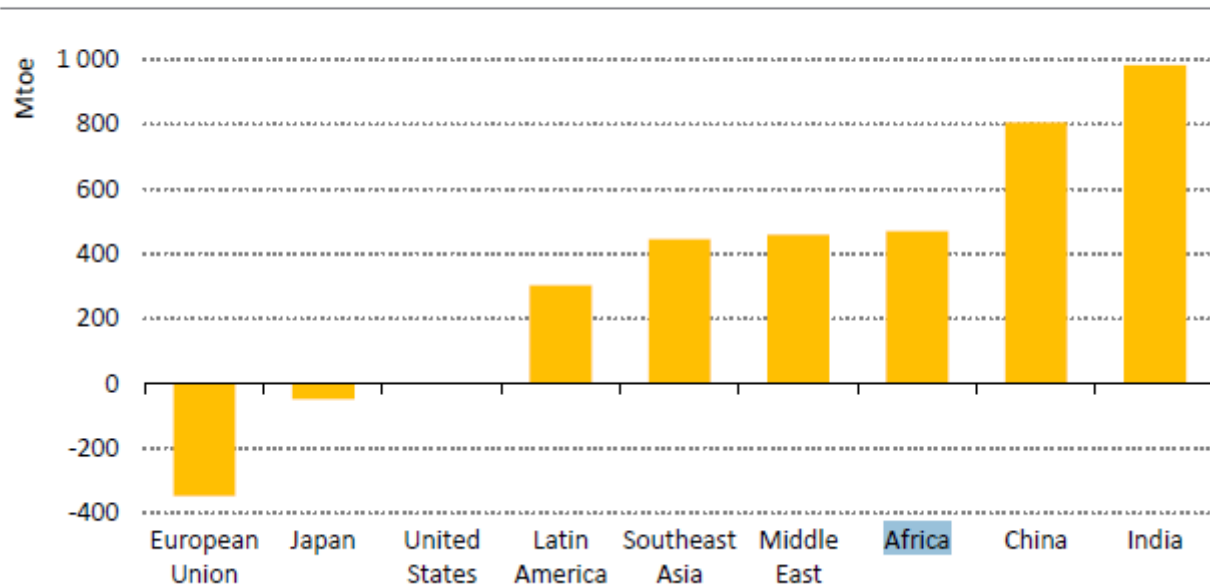
**3 000 hard copies and over 200 000 downloads a year for Key World Energy Statistics**

# Energy data central to energy policy and modelling/planning - at IEA and beyond



# Comparability of energy statistics across countries is key to quality output

**Figure 1.1** ▶ Change in total primary energy demand in selected regions in the New Policies Scenario, 2017-2040



source: IEA, World  
Energy Outlook 2018  
WEO)

Note: 2019 World Energy Outlook to  
be released this week!

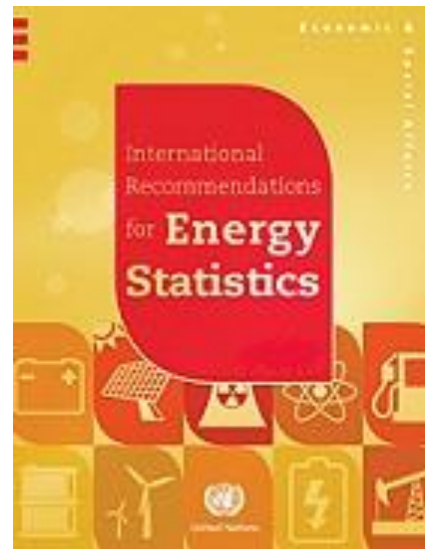
# IRES: foundation for comparable energy data at global level

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## International Recommendations on Energy Statistics (IRES), UNSD

Adopted by UN Statistical Commission  
Harmonised definitions for products/flows  
Agreed through multi-year consultation of relevant international organisations working on energy statistics (InterEnerStat)

<https://unstats.un.org/unsd/energystats/methodology/ires/>



**This is our common “dictionary”!**

# The value of cooperation across international organisations

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## joint Organisations Data Initiative

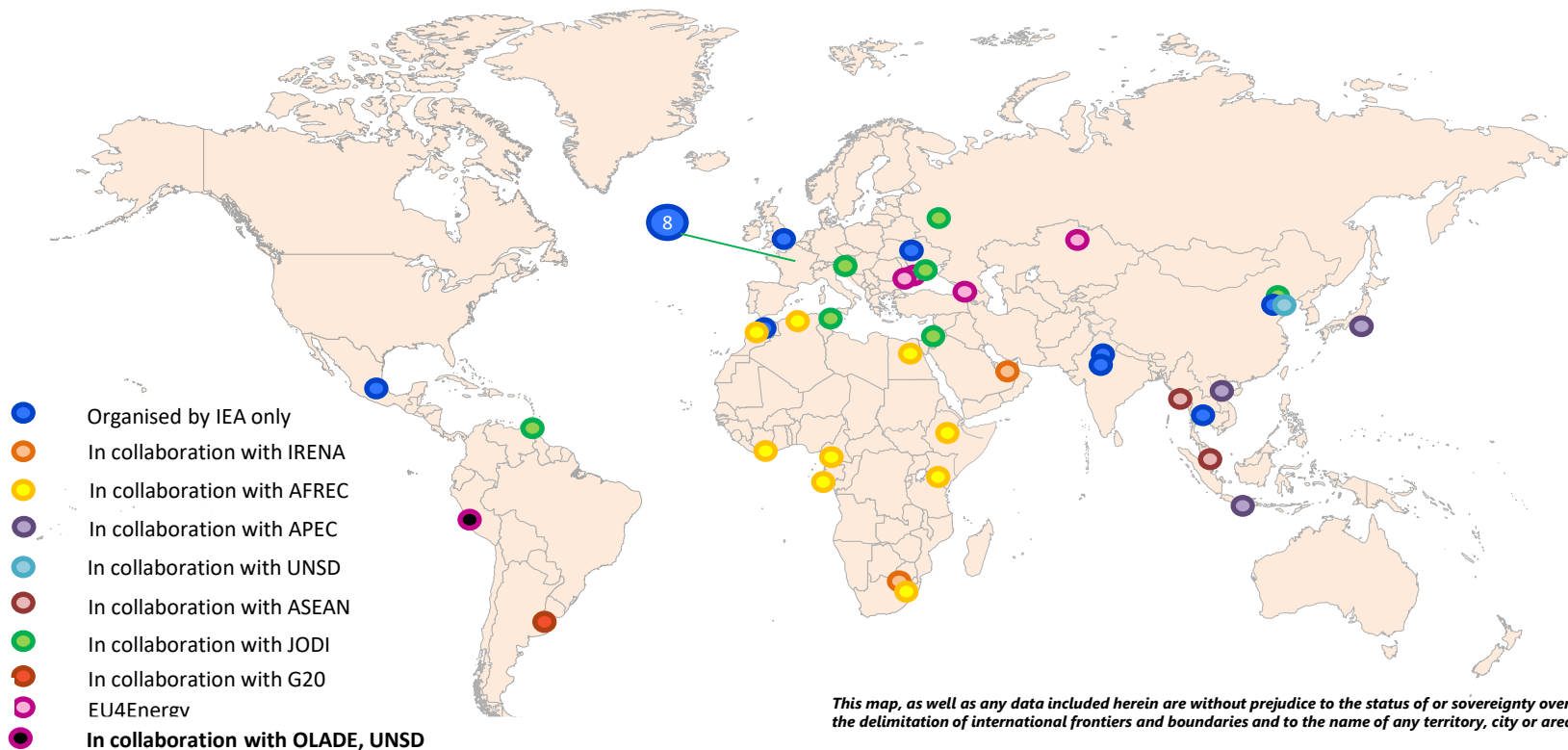
- A global oil and gas database updated every month
- Harmonised definitions on oil statistics
- Cooperation between 8 organisations
- Raising profile of energy statistics

## InterEnerStat

- Cooperation between 20+ organisations
- Harmonisation of definitions, leading to IRES
- Cooperation on training and capacity building
- New challenges – energy end-use data



# Collaboration across organisations through training workshops





## Aim of the project

Assisting OLADE and LAC countries to obtain more relevant, consistent, comprehensive, reliable and comparable energy data.

- ☐ Increasing energy statistics' international compatibility
- ☐ Building capacity on energy statistics with OLADE staff and national administrations staff.
- ☐ Enhancing quality assurance and consistency

## Activities and outputs

25+ videoconference/meetings, (September 2017)  
1 workshop in Quito/February 2018  
1 workshop in Paris/February 2019  
Consultation with countries

- ☐ New OLADE **data collection template** compatible with IRES methodology
- ☐ Methodological Guidance documents
  - Guidance documents for fuels (5 in total)
  - 1 for structure of the new template



Program for Strengthening the Management and Dissemination of Energy Information for Sustainable Development in Latin America and the Caribbean



Raising importance of  
data quality for policy!



[www.iea.org/statistics](http://www.iea.org/statistics)

