



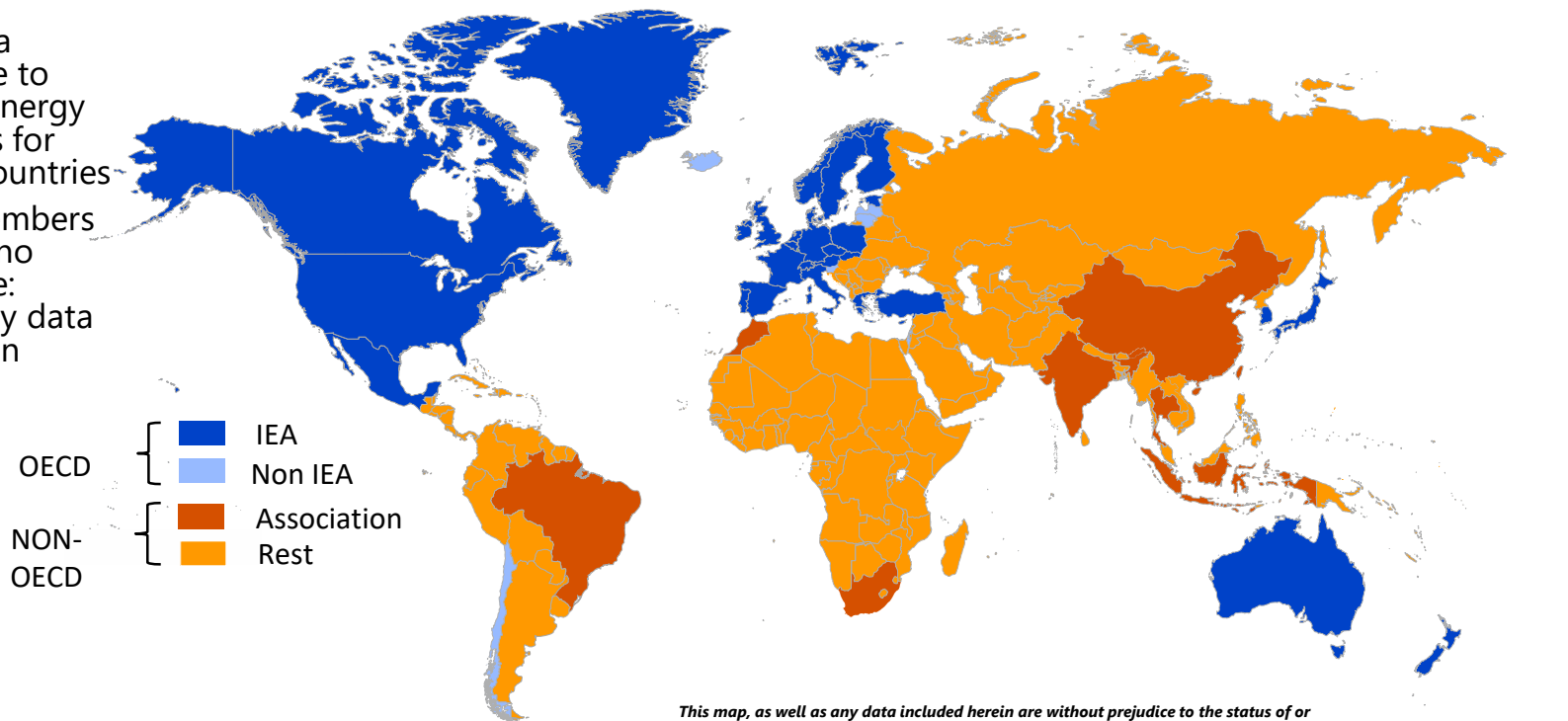
International Recommendations and Harmonization of Energy Statistics in LAC: panel introduction

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



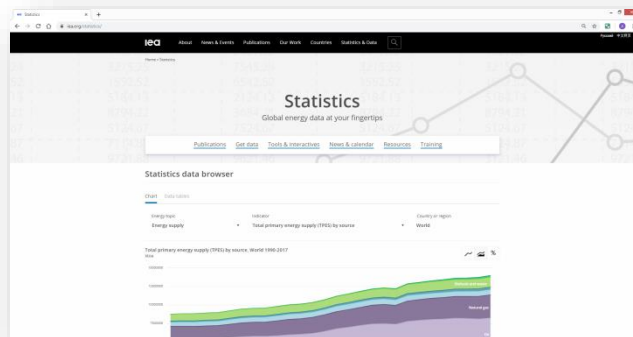
This map, as well as any data included herein are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

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

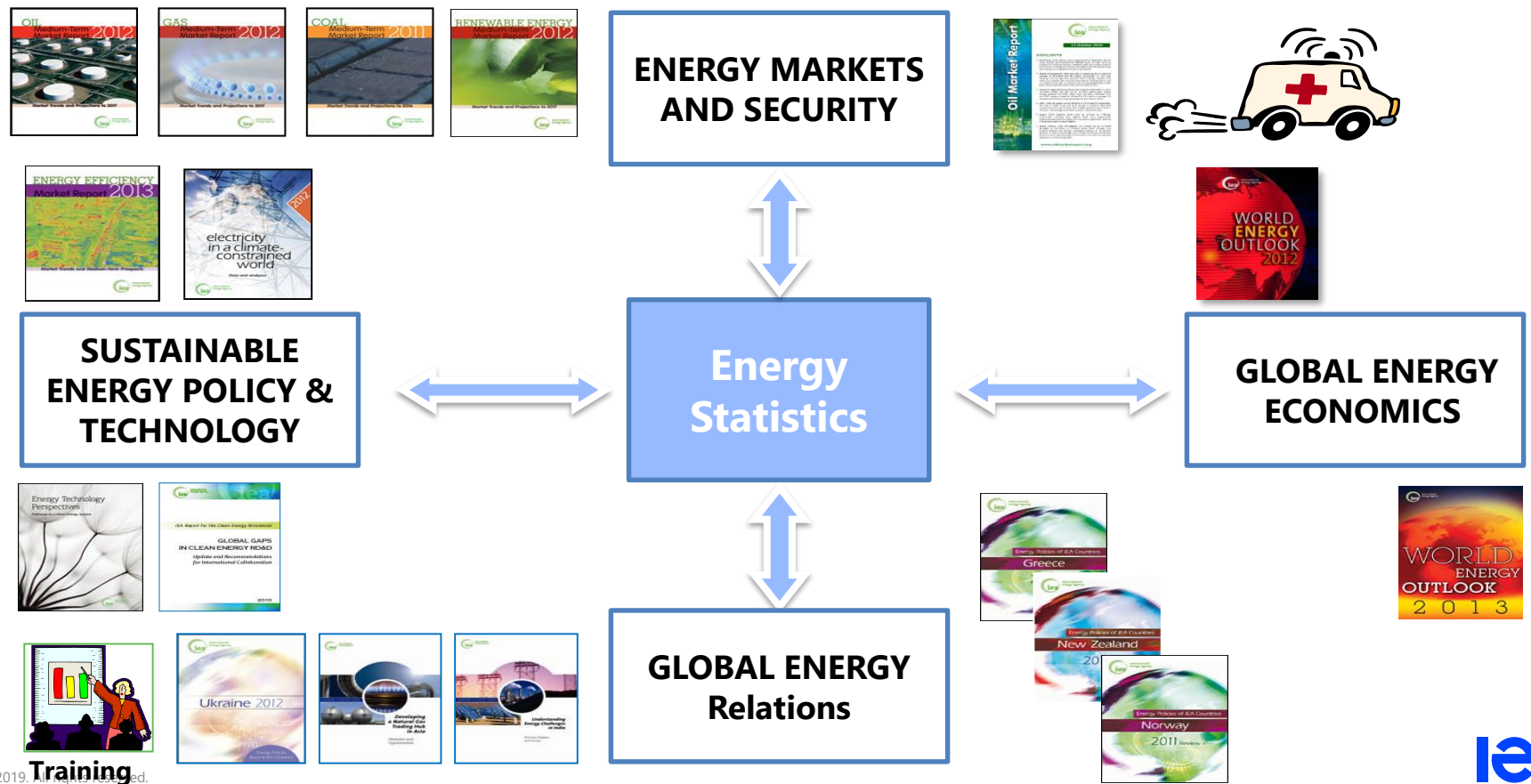


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3 000 hard copies and over 200 000 downloads a year for Key World Energy Statistics

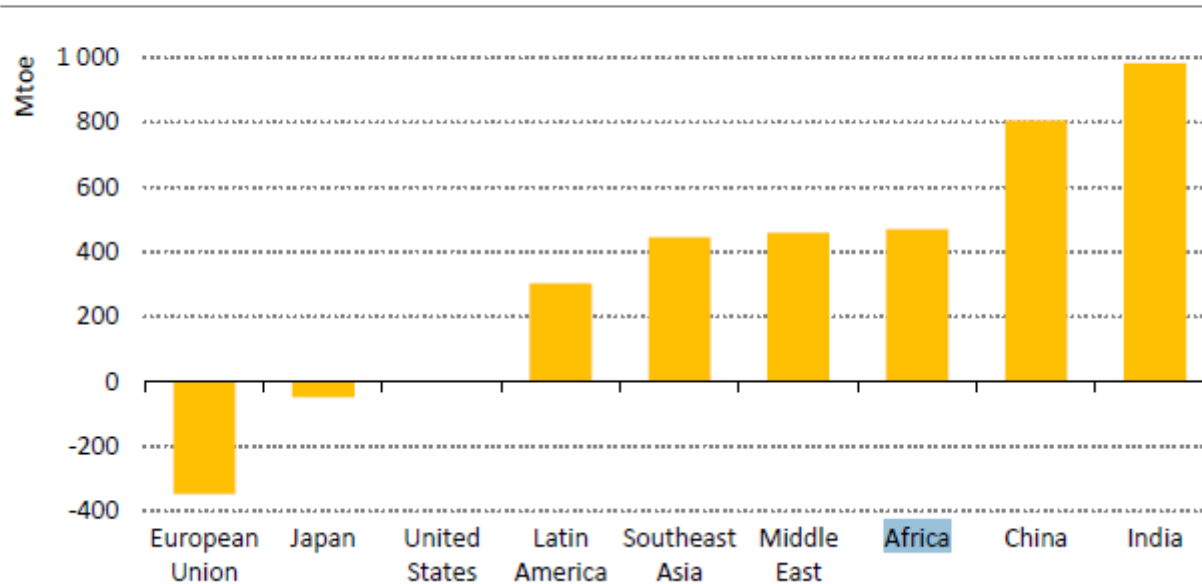


Energy data central to energy policy and modelling/planning - at IEA and beyond



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)

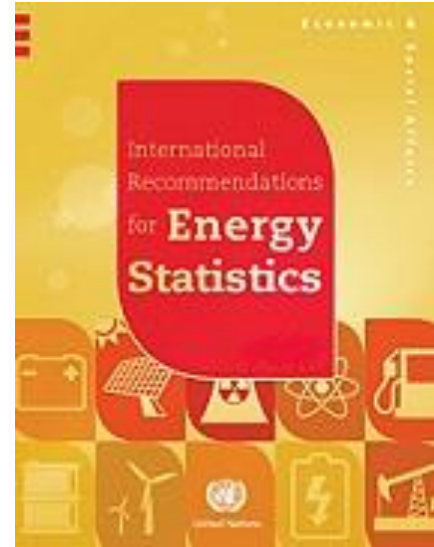
Note: 2019 World Energy Outlook to be released this week!

IRES: foundation for comparable energy data at global level

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

Country	Production	Refined Petroleum Products	Total Products	Balance - Demand
Hong Kong	0	0	0	0
China	9,578	9,737	9,818	8,795
Hungary	3,982	4,818	4,847	4,389
Indonesia	443	5,118	523	510
India	71,114	41,773	47,394	78,726
Indonesia	38,837	36,278	0	37,683
Iran Islamic Rep. I	33,294	37,242	35,348	35,348
Iran Islamic Rep. II	0	0	0	35,780
Iran Islamic Rep. III	0	0	0	37,683
Iran Islamic Rep. IV	0	0	0	38,068
Iran Islamic Rep. V	0	0	0	36,940
Iran Islamic Rep. VI	0	0	0	43,338
Iran Islamic Rep. VII	0	0	0	35,310
Iran Islamic Rep. VIII	0	0	0	36,828
Iran Islamic Rep. IX	0	0	0	0
Iran Islamic Rep. X	0	0	0	48,424
Iran Islamic Rep. XI	0	0	0	41,819
Iran Islamic Rep. XII	0	0	0	0
Iran Islamic Rep. XIII	0	0	0	0
Iran Islamic Rep. XIV	0	0	0	0
Iran Islamic Rep. XV	0	0	0	0
Iran Islamic Rep. XVI	0	0	0	0
Iran Islamic Rep. XVII	0	0	0	0
Iran Islamic Rep. XVIII	0	0	0	0
Iran Islamic Rep. XIX	0	0	0	0
Iran Islamic Rep. XX	0	0	0	0
Iran Islamic Rep. XXI	0	0	0	0
Iran Islamic Rep. XXII	0	0	0	0
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Iran Islamic Rep. XLIV	0	0	0	0
Iran Islamic Rep. XLV	0	0	0	0
Iran Islamic Rep. XLVI	0	0	0	0
Iran Islamic Rep. XLVII	0	0	0	0
Iran Islamic Rep. XLVIII	0	0	0	0
Iran Islamic Rep. XLIX	0	0	0	0
Iran Islamic Rep. L	0	0	0	0

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

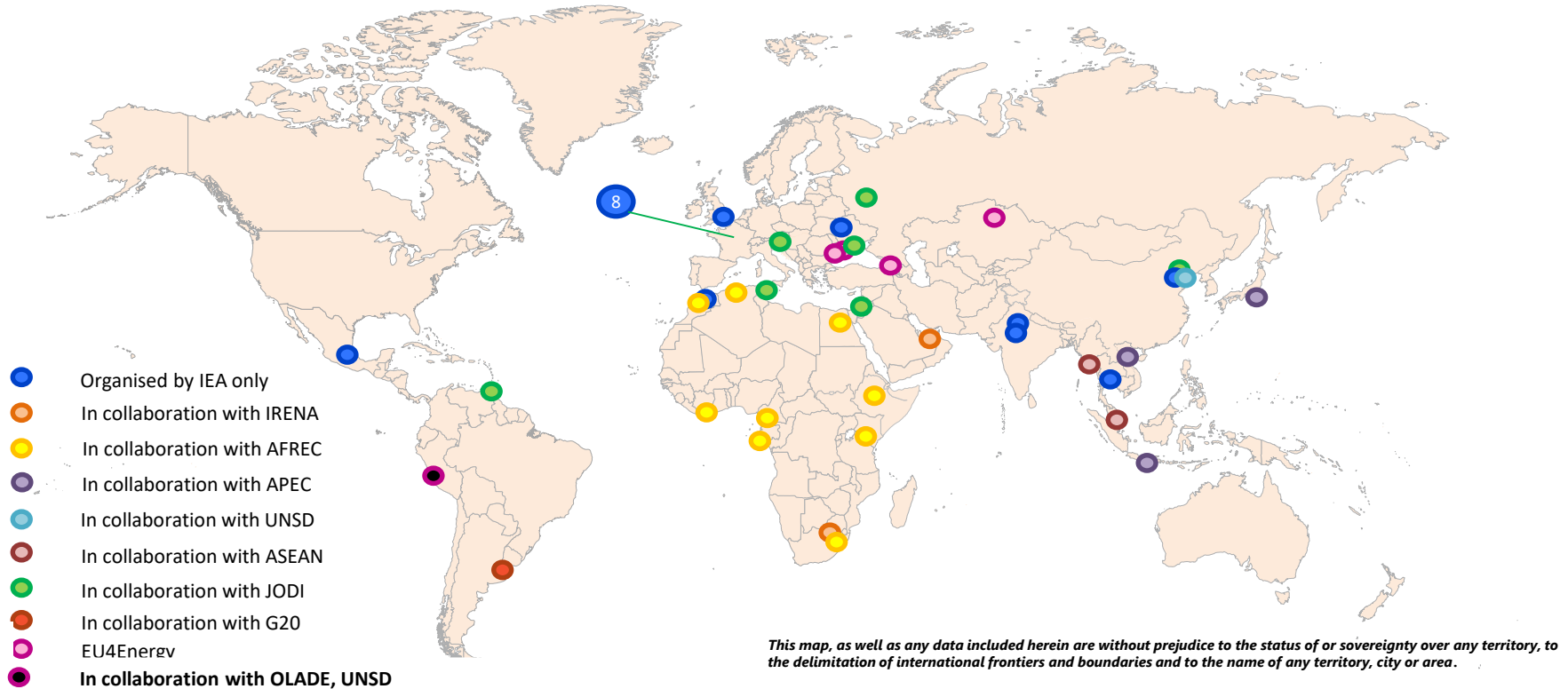


InterEnerStat

- 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



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Nos une la energía

Raising importance of data quality for policy!



www.iea.org/statistics

