



**International
Energy Agency**

Secure
Sustainable
Together

Energy Efficiency at the IEA

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Energy efficiency is critical to the transition to a sustainable energy system

www.iea.org

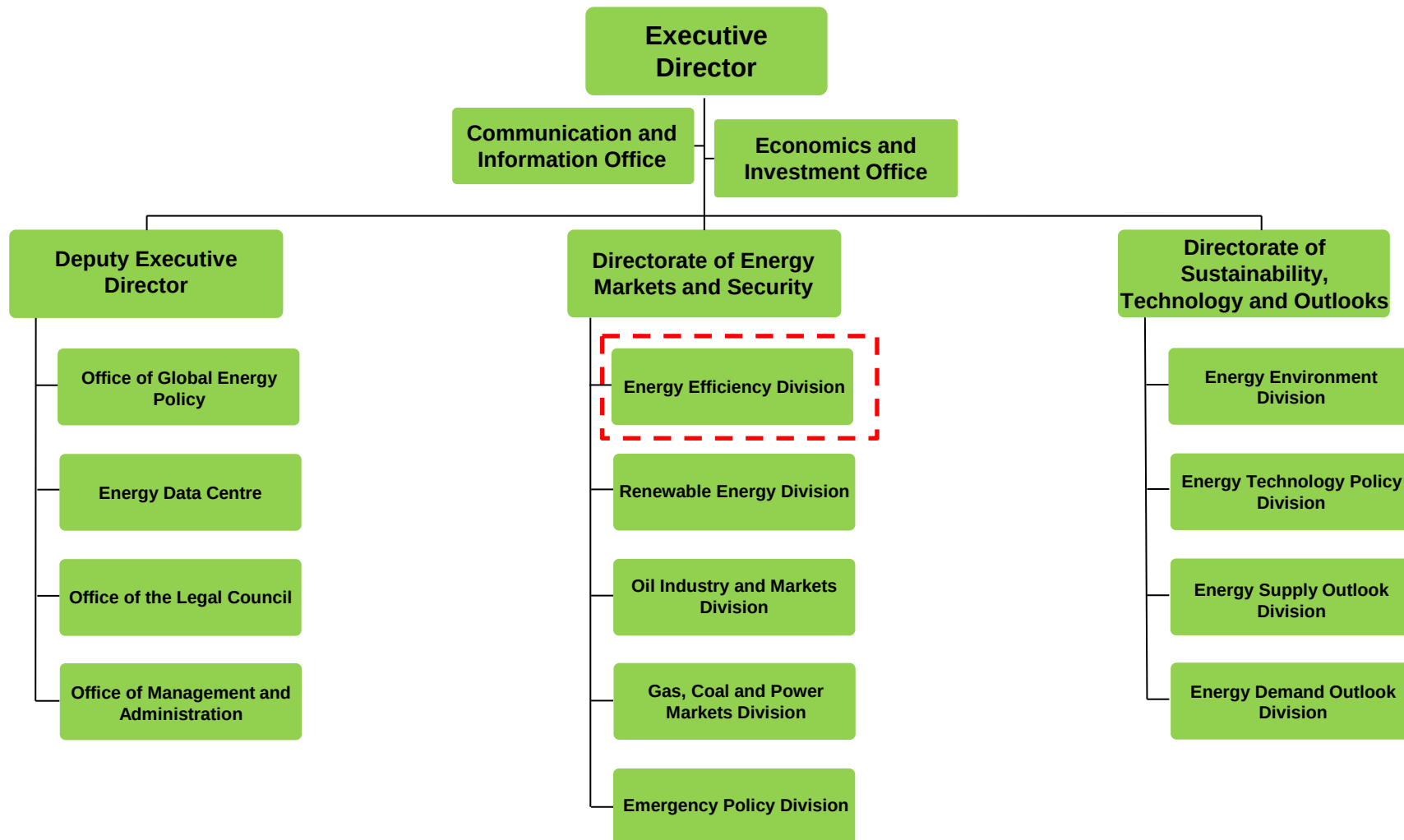
■ IEA Executive Director Fatih Birol:



Energy efficiency is an urgent priority. To transition to the sustainable energy system of the future, we need to decouple economic growth from greenhouse gas (GHG) emissions. Energy efficiency is the most important “arrow in the quiver” to achieve this. For its part, the International Energy Agency is pursuing a number of strategies to improve energy efficiency both among its member governments and with partner countries.

***But with great importance comes great responsibility...
the potential needs to be realised***

New organogram



Energy efficiency in EMS

- Strategic positioning in Energy Markets and Security (EMS) reflects efficiency's status as the first fuel
- Strengthens the link between the demand and supply sides of the energy system towards an integrated energy systems perspective
- Is leading to the development of more joint work on key issues

Data, Indicators and
Projections

Policy & Strategy

**Energy Efficiency in
Emerging Economies**

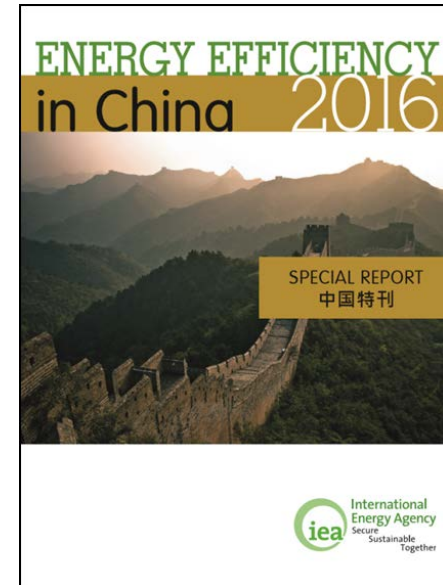
Monitoring &
Evaluation

Capacity Building &
Convening

China: Peer to Peer Learning

Highlights

- Improved energy modelling capacities and data quality for ERI and IEA
- *Energy Efficiency in China Special Report*
- Proposed Business Models for excess heat from industries in district heating systems
- Improved evaluation capabilities through cooperation with China's National Institute of Standardisation and supported by IEA
- Translation of two energy efficiency indicator manuals into Chinese



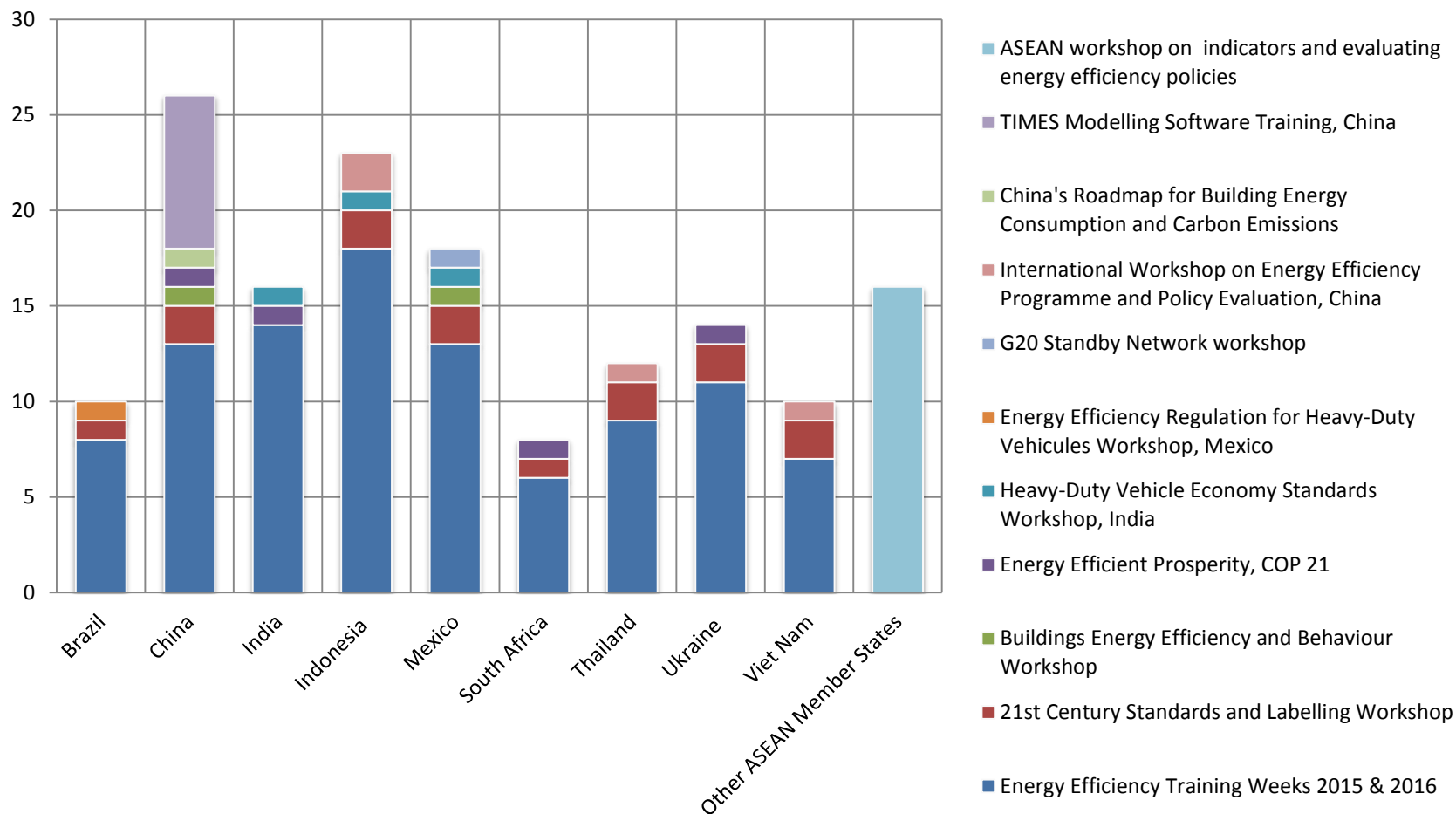
Indonesia: Developing Consensus and Strengthening Implementation

Highlights

- Increased energy efficiency policy capacity within Energy and other ministries
- Better communication and understanding among public and private sector institutions
- Better understanding of the energy savings target and progress to date
- Clearer view of strengths and challenges for energy efficiency policies in place
- Outline of possible future energy efficiency policies
- Helped establish a relationship between Indonesia and India's Super ESCO EESL



■ Multiple levels of activity from very intensive to broader based approaches

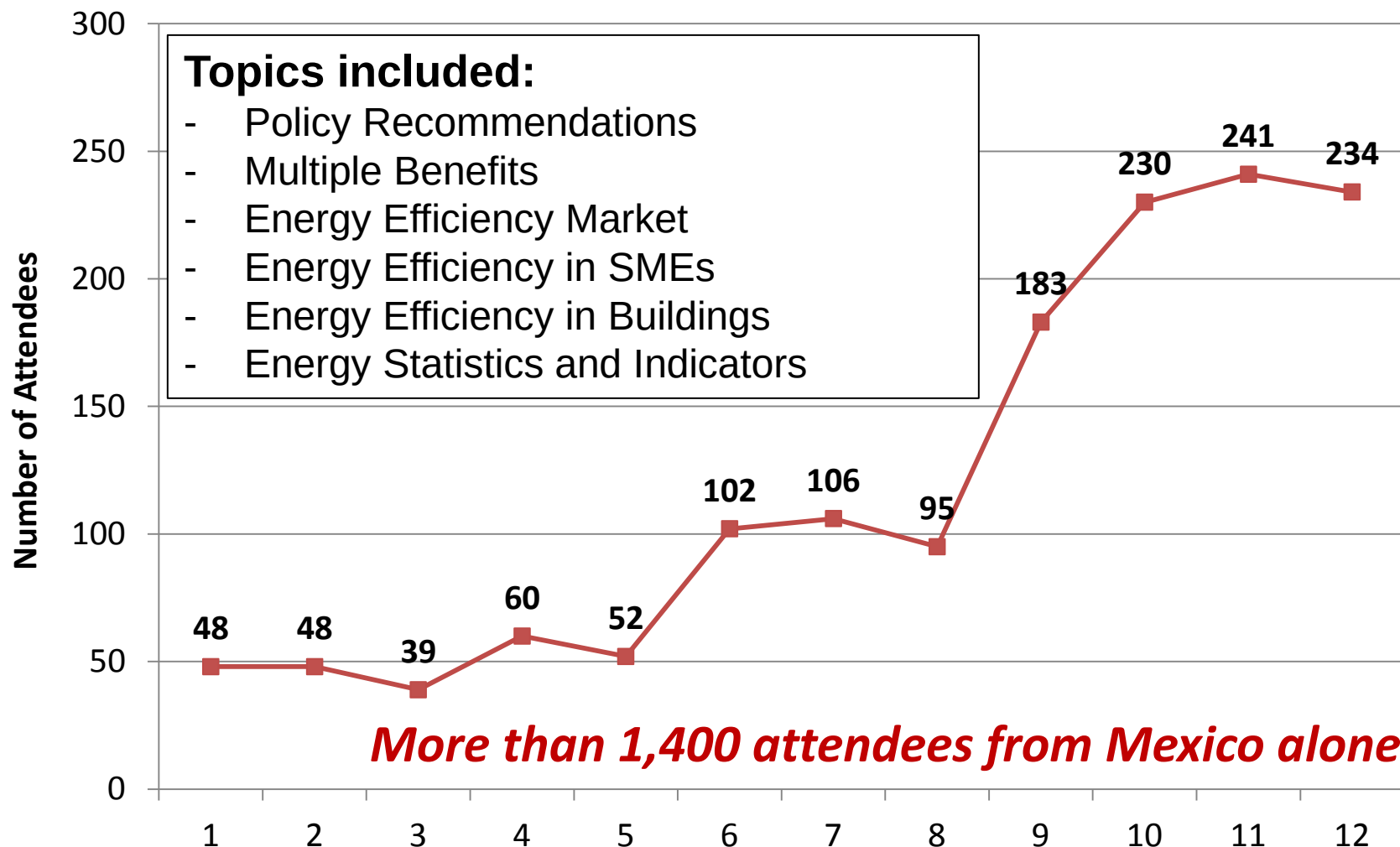


E4 Training Weeks 2015 & 2016

- Targeting the 'Next Generation' of energy efficiency policy makers in key emerging economies
- 230 delegates representing 40 countries responsible for 50% of global energy consumption

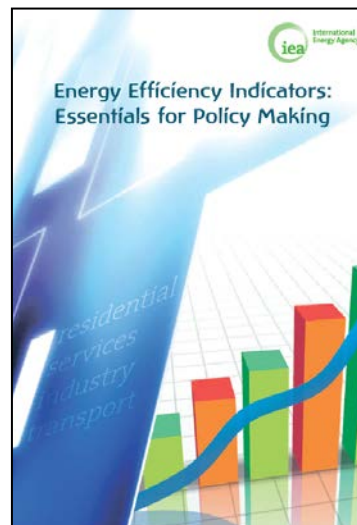


Energy Efficiency Webinars



Energy Efficiency Indicators Training

- better collection and analysis of energy efficiency data leads to better policy outcomes
- the IEA proposes a consistent methodology to build capacity, allow experiences to be shared and global progress to be tracked
- this requires training at scale, globally





Multi-level Engagement on

- Data, Indicators & Projections
- Policy & Strategy
- Monitoring and Evaluation
- Capacity Building & Convening

Countries & Regions

- China
- India
- Indonesia
- Mexico
- South Africa
- Thailand
- Ukraine
- Latin America
- Southeast Asia
- Next: Brazil & Vietnam