

Energy Efficiency 2018

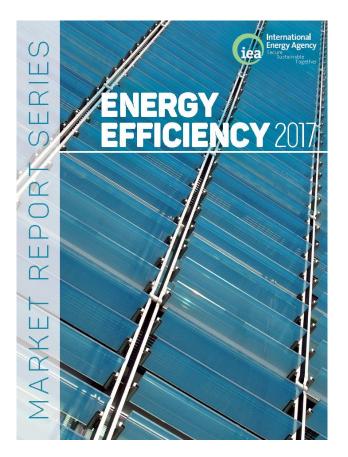


Overview



- Recap of *Energy Efficiency 2017*
- Plans for *Energy Efficiency 2018* report:
 - Themes
 - Structures
- Specific analysis:
 - Supply-side energy efficiency
 - Energy efficiency incentives





- Released in October 2017
- Outcomes presented to stakeholders in:
 - North America: United States and Mexico (via webinar)
 - Asia-Pacific: Korea, Singapore, Indonesia and Australia
 - Europe: Spain, ECEEE, World Sustainable Energy Days
 - Brazil: E4 Training week
- Over 30 000 report downloads and nearly 14 000 hits on <u>www.iea.org/efficiency</u>
 - All up on results from Energy Efficiency Market Report 2016

Energy Efficiency 2018

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- Building on analysis and tracking presented in previous reports
- Proposed revision of report structure
 - Equal focus on sub-sector efficiency trends (transport, buildings and industry)
- Planned release in mid-to-late October 2018



- Energy intensity trends
- Energy efficiency trends and benefits (decomposition analysis)
- Supply-side efficiency (new in 2018)
- Major new policy announcements
- Global policy trends and indicators
 - Policy coverage and strength
 - Policy progress
 - Obligation scheme coverage
 - Energy efficiency incentives (new in 2018)



- Energy efficiency investment
 - Global investment, by region
- Energy efficiency finance and business models
 - ESCO market, drawing on outcomes of global association survey (new in 2018)
 - Green bonds, banks, mortgages and insurance
- Energy efficiency markets
 - White certificate markets in Italy, France, Poland and Australia
 - Forward capacity markets in United States (PJM and ISO-NE)



- Transport efficiency trends
 - Decomposition analysis
 - Investment
- Drivers of transport energy efficiency
 - Policy (fuel efficiency standards)
 - Price
 - Technology
- Special focus: Energy efficiency in mass transport
 - Air transport energy efficiency and policies

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- Buildings and appliances efficiency trends
 - Expanded decomposition analysis (residential and non-residential buildings)
 - Investment
- Drivers of buildings and appliance energy efficiency
 - Policy (appliance performance standards and building codes)
 - Price
 - Technology
- Special focus: Space cooling
 - Policies, technologies and opportunities



- Industry efficiency trends
 - Decomposition analysis
 - Investment
- Drivers of industry energy efficiency
 - Policy (motor efficiency standards and energy management systems)
 - Price
 - Technology
- Special focus (to be confirmed)
 - Secondary processing routes for iron & steel and aluminium
 - Oil and gas sector energy efficiency

Chapter 6 – Energy Efficiency in Emerging Economies (E4)

- Energy use trends in E4 countries
 - China, India, Indonesia, Mexico, Brazil, South Africa
- Energy efficiency trends in E4 countries
 - Decomposition analysis
 - Policy trends
- Success stories in E4 countries
 - Energy efficiency policy measures that have been successful in E4 countries



