

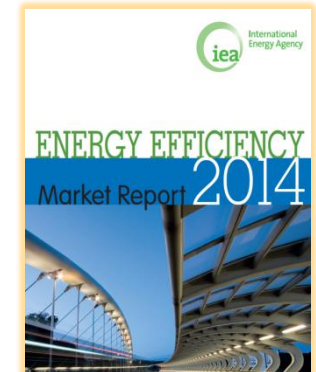
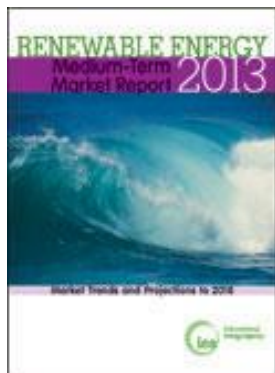
How can energy efficiency uptake be accelerated?

Melanie Slade

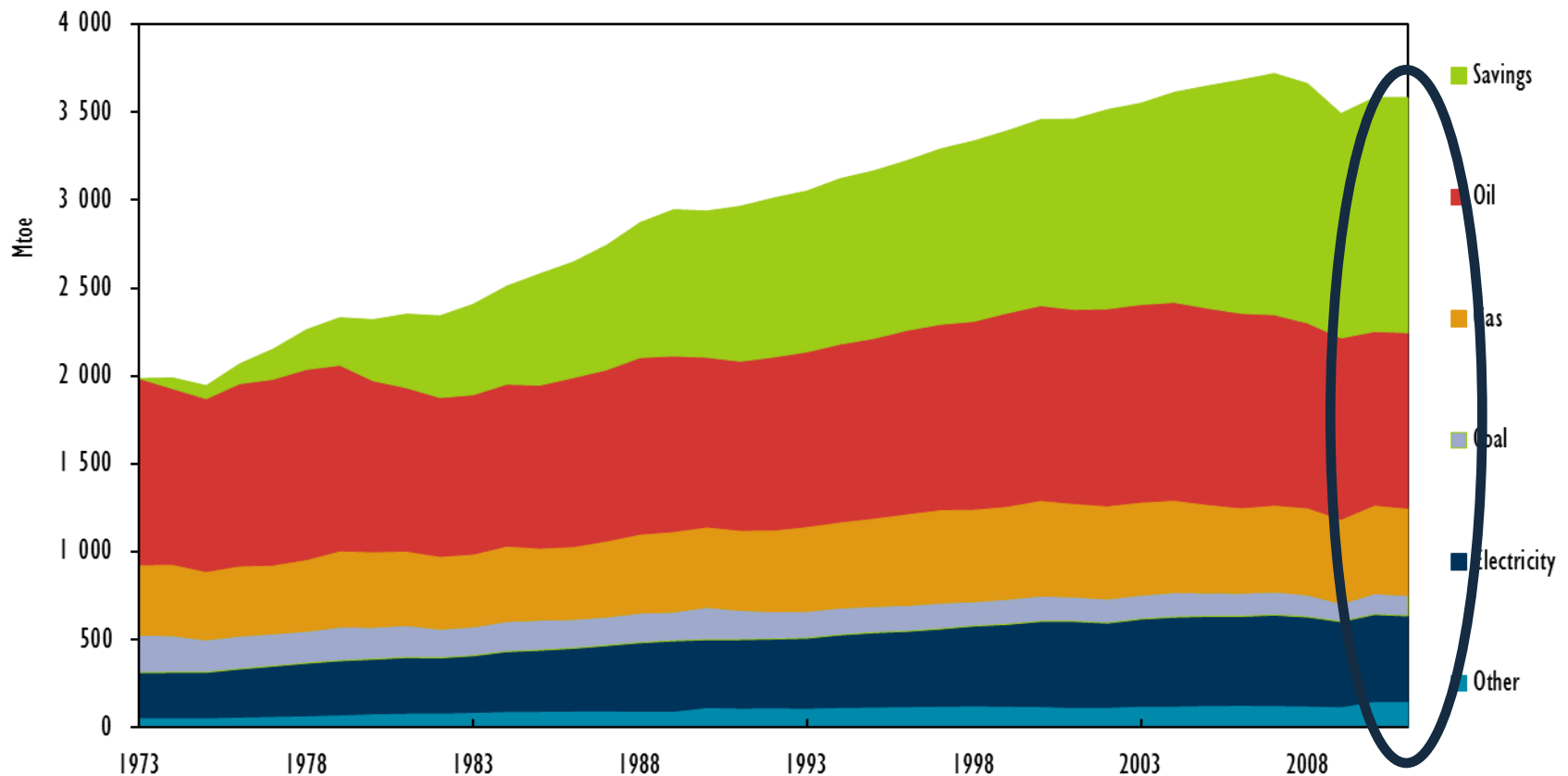
Senior Programme Manager, Energy Efficiency in Emerging Economies

Energy efficiency as a fuel

The IEA Medium-Term report series



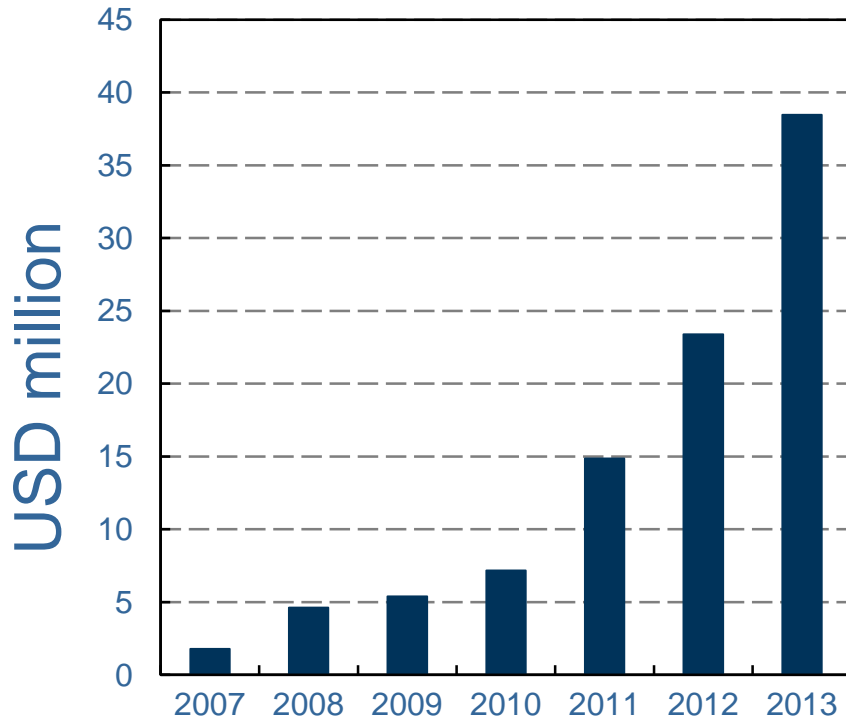
Energy efficiency as the 'first fuel'



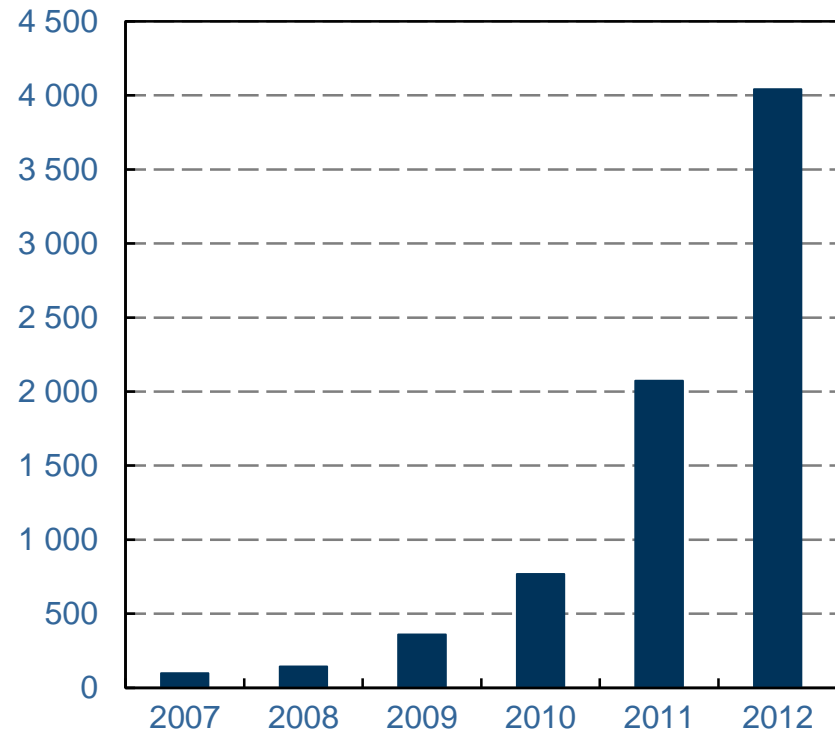
*IEA-11: Australia, Denmark, Finland, France, Germany, Italy, Japan, Netherlands, Sweden, United Kingdom, United States

An example: LED Markets in Asia

Thailand

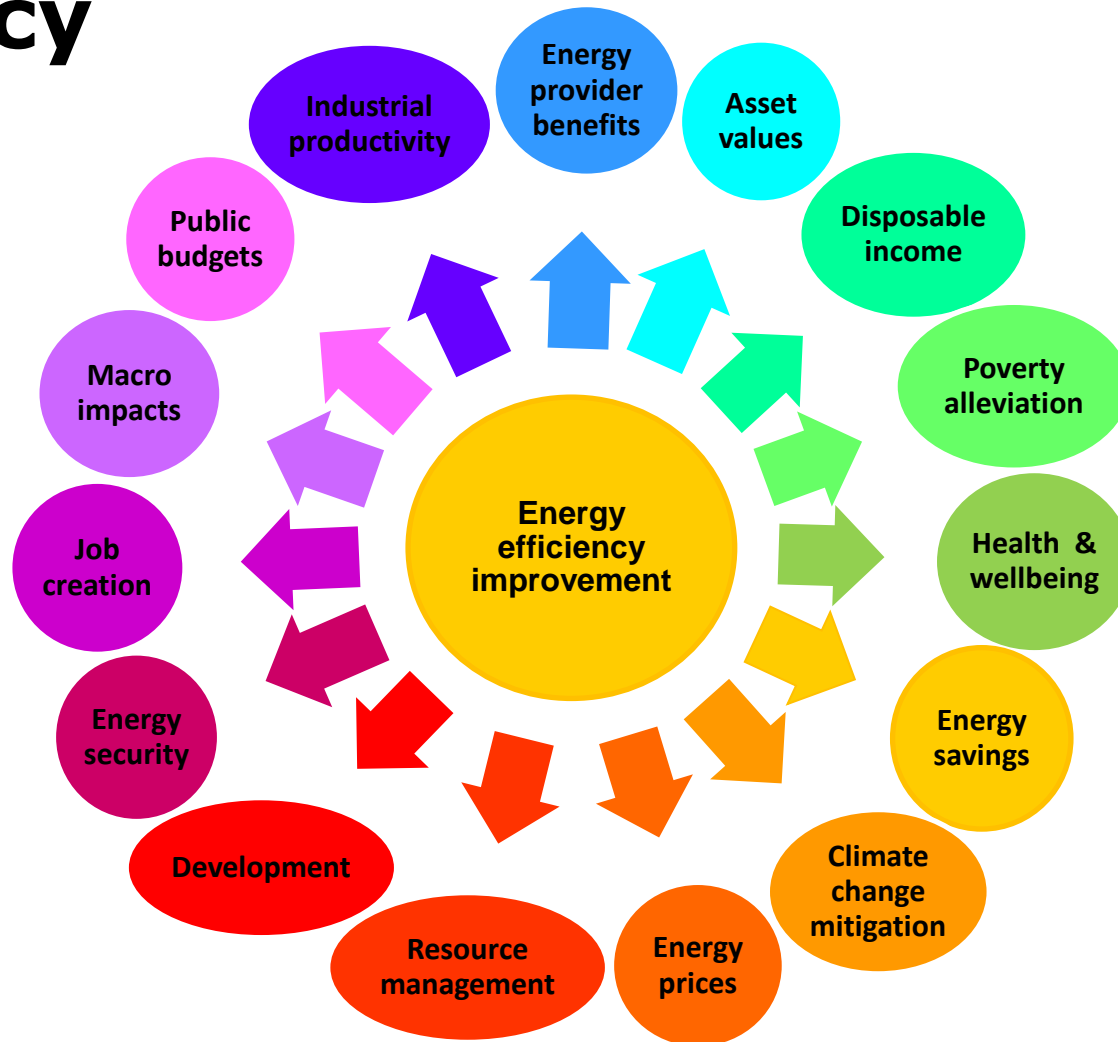


Japan



■ LED products

The multiple benefits of energy efficiency



The ideal policy package?

The ideal policy package?

- Minimum Energy Performance Standards

The ideal policy package?

- Minimum Energy Performance Standards
 - Remove wasteful products and systems from the market but don't restrict customer choice too much or deter competition
 - Must understand the market and the supply chains
 - Must be able to test products to ensure test methods are suitable and compliance can be checked
 - Ideally standards should be harmonised on a global or if more appropriate a regional level

The ideal policy package?

- Minimum Energy Performance Standards
- Consumer Information
 - Help consumers buy the most efficient products and systems on the market that suit their needs

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The ideal policy package?

- Minimum Energy Performance Standards
- Consumer Information
- Incentives
 - Broad market based mechanisms such as carbon pricing
 - Specific tax incentives such as variable car taxes
 - Awards for efficient products like the L Prize and the SEAD awards
 - Design awards for systems

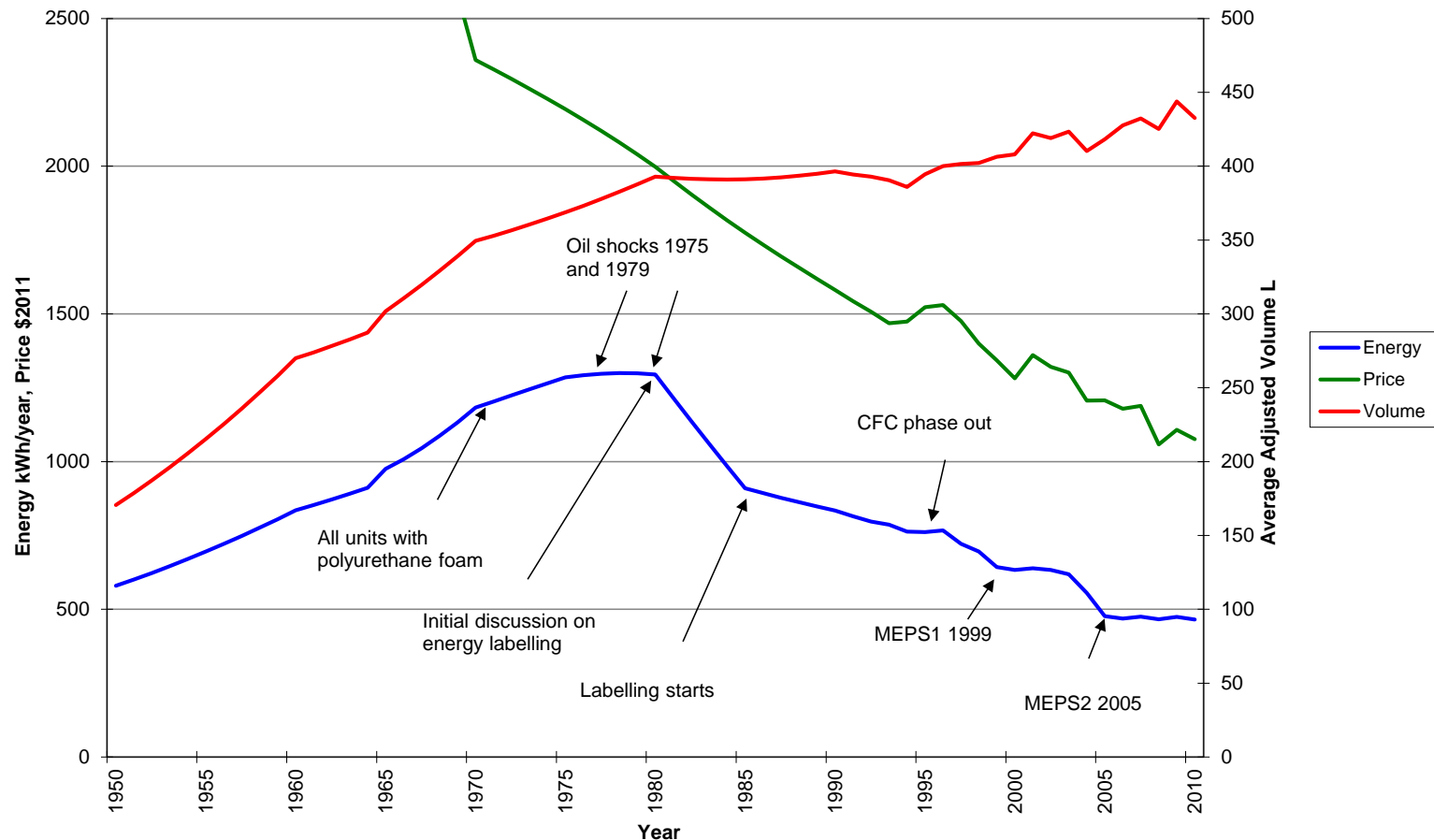
The ideal policy package?

- Minimum Energy Performance Standards
- Consumer Information
- Incentives

A policy package for commercial buildings?

- Minimum Energy Performance Standards – aka Building Codes
- Energy Performance Certification and Labelling
- Government Minimum Energy Performance Requirements

A policy package for equipment and appliances?

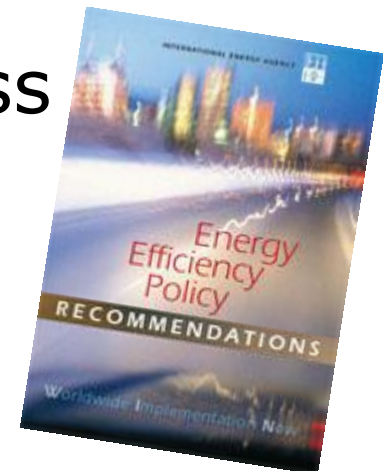


A policy package for industry

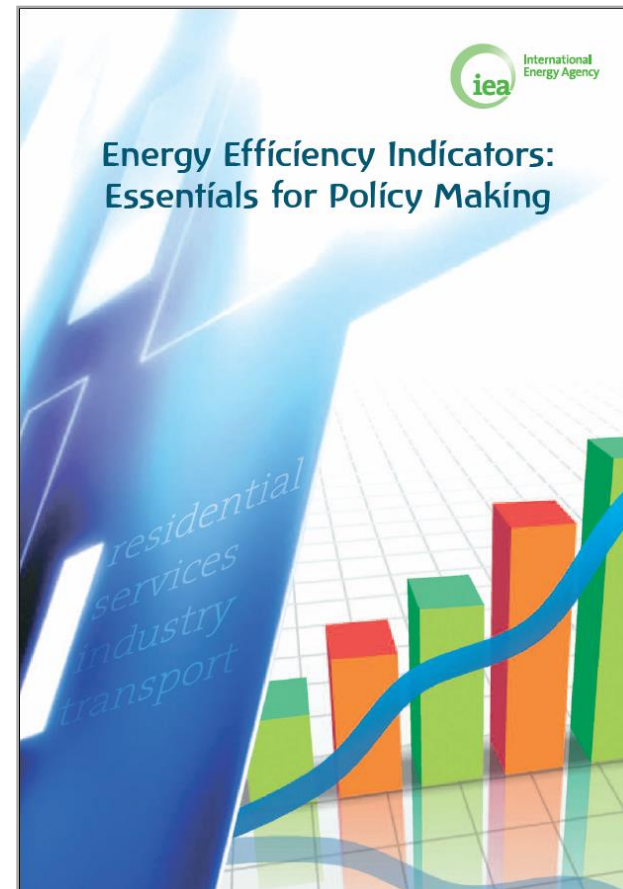
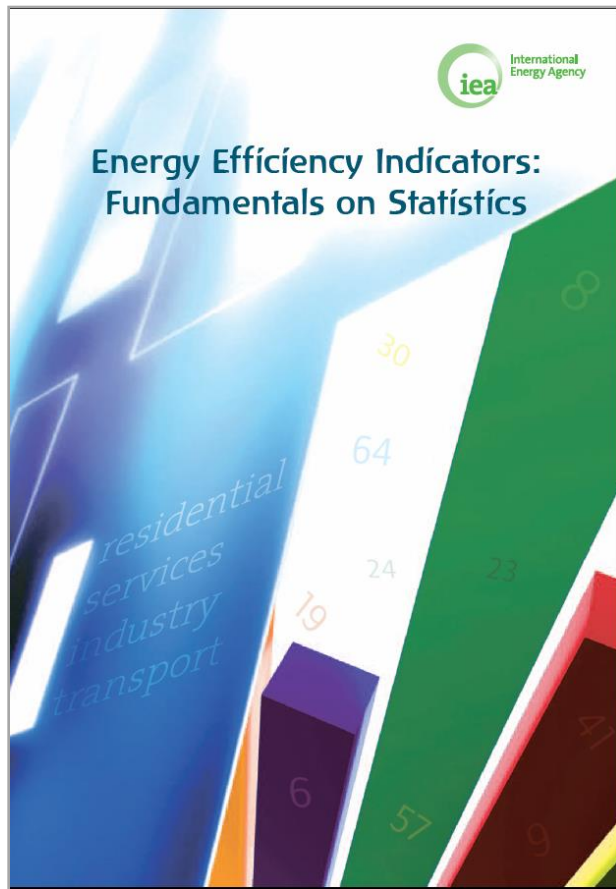
- Minimum Energy Performance Standards for equipment and processes
- Energy audits and management systems to provide targeted information
- Incentives such as awards for efficient operations

25 policy recommendations plus EEPRS

- A compact package of policy options first developed in 2008 and updated in 2011
- Useful in building political support for energy efficiency
- Relevant to all economies
- Provides a basis for tracking progress in policy implementation



Setting priorities and assessing impacts



Thank you