



International
Energy Agency
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Secretariat Report
Rob Kool / Diana Louis

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Overview

- IEA Staff Update
- Meetings
 - IEA ministerial
 - CERT
 - EUWP
- Publications
 - Energy Technology Perspectives
 - Low-Carbon Technology Roadmaps
 - Energy Efficiency Indicators Manuals
 - CHP/DHC Collaborative



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IEA Staff Update

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ETP Staff Update

- Departures
 - Steve Heinen
 - Former Desk Officer (DO) for DSM & 4E IA
 - interim Desk Officer Diana Louis
 - Francois Cuenot - Desk Officer Advanced Motor Fuels
 - replaced by Alexander Köerner
- Arrival
 - **New Deputy Executive Director** Kenneth J. Fairfax, 1 October 2013
 - Pierpaolo Cazzola
 - Contact for Transport Coordination Group



Meetings
IEA ministerial
CERT
EUWP

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Meetings 1/3

- **Ministerial Meeting took place in November 2013**
 - New partner countries
 - Stronger climate role
 - Stronger link with industry
- **CERT (Feb – 2014)**
 - Alicia Mignone of Italy – Chair
 - Medium-Term Strategy for Energy Research and Development 2013-2016
 - Gaps in International Collaboration

Meetings 2/3 - CERT decision on DSM RfE

- (i) noted the Note by the IEA Secretariat entitled '*Request for Extension of the Implementing Agreement for Co-operation on Technologies and Programmes for Demand-Side Management*' [IEA/CERT(2013)20/REV1];
- (ii) considered the recommendation of the Working Party on Energy End-Use Technologies, the CERT Criteria for Implementing Agreement Requests for Extension, the End-of-Term Report and the Strategic Plan;
- (iii) approved the extension of the Implementing Agreement for Co-operation on Technologies and Programmes for Demand-Side Management from 1 March 2014 to 29 February 2016; and
- (iv) recommended that, should new information be made available that addresses the concerns expressed by the Working Party on Energy End-Use Technologies before 29 February 2016, that the Working Party on Energy End-Use Technologies consider an additional extension from 1 March 2016 to 29 February 2019 and make a recommendation to the CERT."

Meetings 3/3

■ End Use Working Party

- Status DSM
- Reporting IA's
-

■ RfE documents

- End of term report
- Strategy document
- Self-evaluation

- Documents need to be submitted to the IEA by Wednesday June 4th for consideration by the EUWP at the 66th meeting in Paris on Sept. 10 -12, i.e. 12 weeks prior to the EUWP meeting



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Publications

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Energy Technology Perspectives (ETP)

2014	2015	2016
<u>Part 1: Setting the scene</u>		
Global outlook & tracking clean energy progress		
<u>Part 2: Driving the change – Thematic Focus*</u>		
The age of electrification	Energy technology and innovation impacts on climate change mitigation	Urban energy systems
<u>Part 3: Partner country</u>		
India	China	Mexico

* The following topics will be included each year: Low-carbon generation, fossil fuels, energy demand, system integration, and policy and finance.

Low Carbon Technology Roadmaps



Technology Roadmap

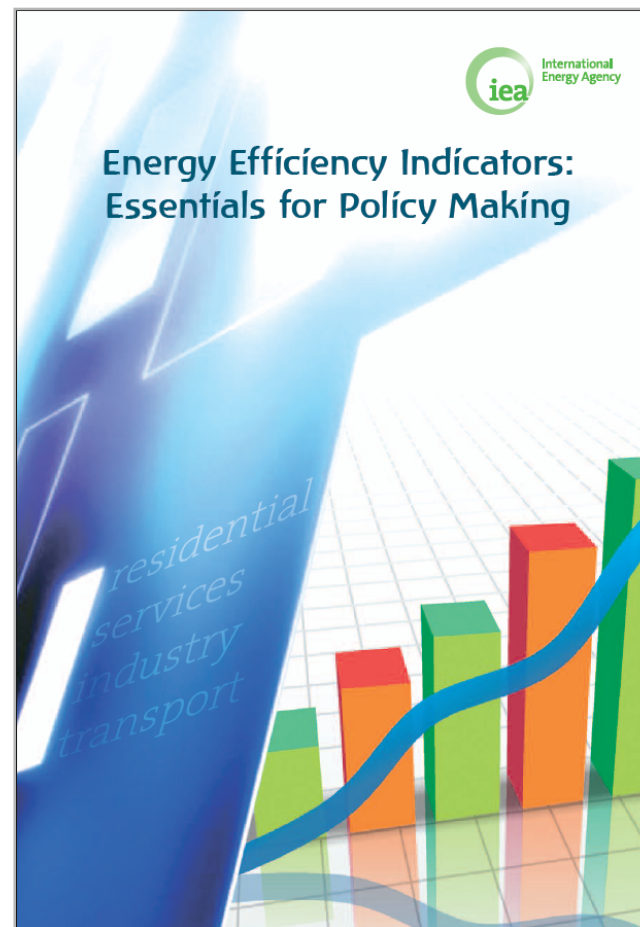
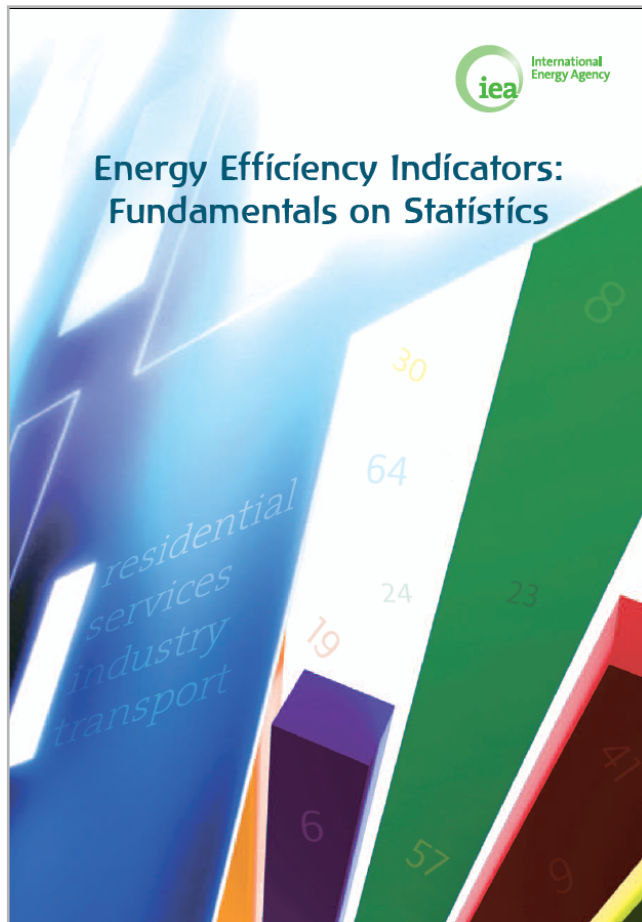
Energy efficient building envelopes

- **Energy Efficient Building Envelope**
 - Building envelopes are critical in determining heating & cooling loads
 - Almost 6 EJ can be saved by 2050 under a ETP 2DS scenario
 - The roadmap highlights the key technologies and policies needed to realise this potential

Low Carbon Technology Roadmap

- **Energy Storage (ES)** – March 19th 2014 release
 - ES technologies can serve as valuable resources for flexibility and efficiency improvements.
 - Understand and communicate the value of ES
- **Hydrogen**
 - H₂ is a flexible energy carrier with potential applications across all end-use sectors.
 - What action needs to be taken on a national and regional level to address technological challenges and institutional barriers if H₂ is to be deployed on a larger scale?

Energy Efficiency Indicator Manuals



CHP & DHC Collaborative

- CHP/DHC Country Scorecards
 - Released in 2013: Korea, Japan, Finland
 - Upcoming publications in 2014: India, US, Mexico
- Analysis report: *CHP and DHC solutions for a clean energy system*
 - *Applied case studies exploring:*
 - *Technology selection*
 - *Financing mechanisms*
 - *Business models*



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Operating Agents Meeting

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Task Proposals (1/2)

- **They are getting to lengthy.**
 - Idea: 2 pages max.
 - Proposal: 5 pages max.
 - Topic
 - Abstract
 - Deliverables (incl. dissemination)
 - Timeframe
 - Budget indication
 - Work plan can be added after decision

Task Proposals (2/2)

- **Exco is the owner.**
 - If a proposal is prepared by an OA, a coaching EXCO member has to be appointed.
 - The decision on the executing OA will be made after a proposal is excepted.
- **Exco has to prepare tasks.**
- **Coaching veteran:**
 - Harry will coach task 17.



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Strategy recap

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Extension problems

- **June 2013: we send in the rfE**
- **September 2013: advice 2 years extension**
- **Rigi October Exco:**
 - Debate on workplan
 - Send a letter to CERT
- **CERT dec. 2013: option to apply ASAP**
- **FEB 2014: Workshop on new strategy:
Michael Moser, Hans Nilsson & Rob Kool**

Extension planning

- April 2014: Send new proposal to EXCO/Michael
- May 2014: send strategy to EUWP to be decided in September meeting
- CERT: 5 years extension in December

Extension things to do

- **Get VC's. (there were none at the time)**
- **Decide on communication plan.**
- **Finalize Strategy**
- **The document should look:**
 - Colourful
 - Simple
 - Complete

To do...

- Add administrative stuff (Anne)
- *Go over PMD text and add/make more accurate.*
- Yes, everything can be different, but please, don't.
- Check by native speaker

IEA FRAMEWORK

Define short messages on (Tweets?):

1. Collaboration
 2. Contribution to Technology Evolution / Progress
 3. Contribution to Technology Deployment/Market facilitation
 4. Contribution to organisation and behaviour Change
 5. Policy Relevance
- Other remarks.