

International Energy Agency

Demand Side Management and energy efficiency

Technology Collaboration Programme

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IEA DSM TCP

What is IEA DSM TCP?

- An International Energy Agency (IEA) Technology Collaboration Programme (TCP) (formerly called Implementing Agreement) on Demand Side Management (DSM) and energy efficiency
- 15 member countries + 3 sponsors



+ USA, India, South Korea, New-Zealand

Mission of the International Energy Agency

Reliable



Sustainable



Affordable

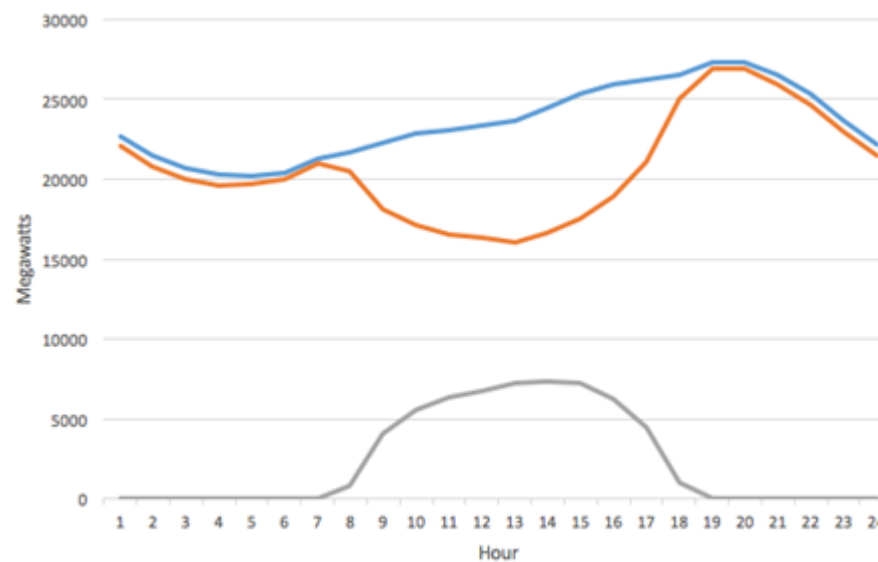


Energy

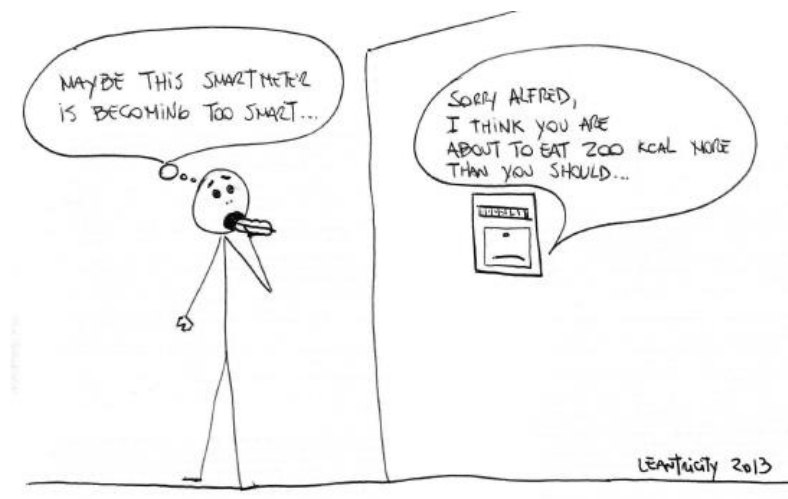
Activity domain of IEA DSM TCP (1)

Demand Side Management (DSM) in the broad sense

Load management



Energy conservation



Energy efficiency



Activity domain of IEA DSM TCP (2)

This includes integration with:

demand side
energy storage



& distributed generation

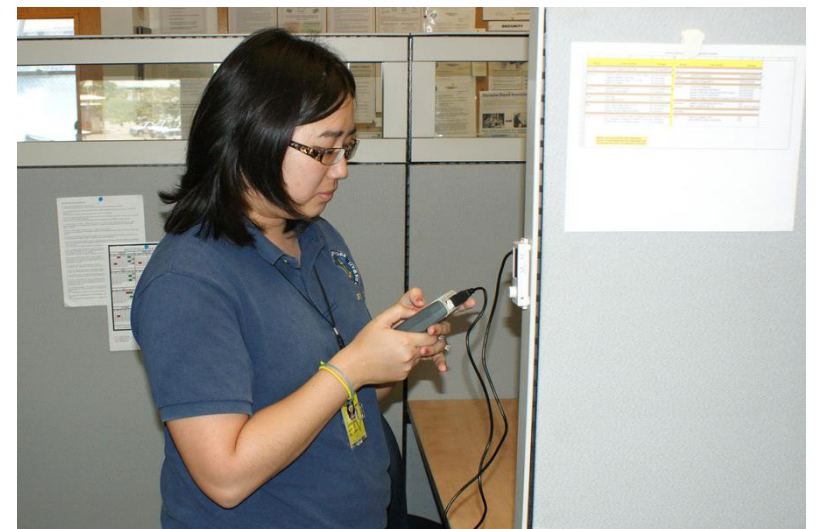
Activity domain of IEA DSM TCP (3)

Not only a physical side:

energy sources & technology



... but also an important
human side:



the user!

Mission and outreach of IEA DSM TCP

We want to have **policy relevance**

→ We provide **material** that is readily applicable for crafting and implementing policies and measures

We want to contribute to **technology progress and adoption**

→ We provide **knowledge** about technologies and applications

We want to contribute to **organisational and behavioural changes**

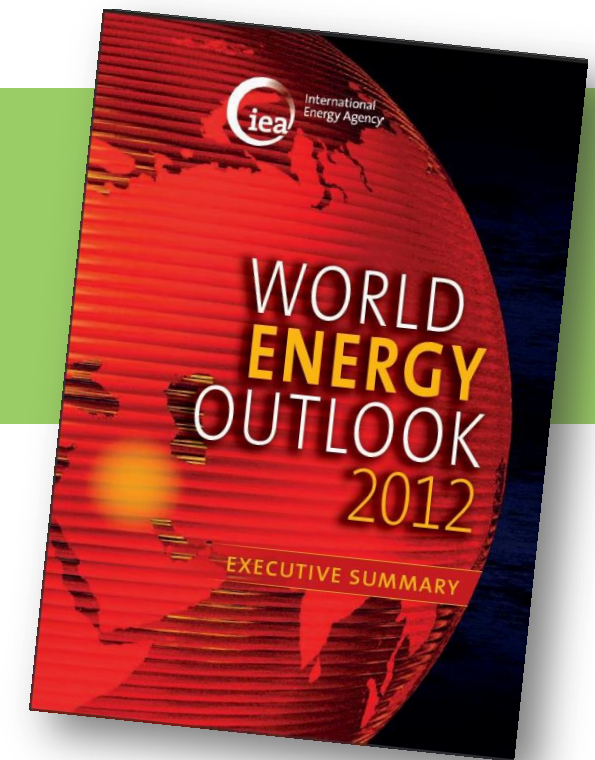
→ We provide **insight** that can make them happen

Ongoing tasks

- 1) **Innovative Energy Services** (Energy Contracting, ESCo Services)
- 2) **Integration** of Demand Side Management, Energy Efficiency, Distributed Generation and Renewable Energy Sources
- 3) **Behaviour change in DSM** – Helping the Behaviour Changers
- 4) **Business models**

Resulting products (short list)

- **Publications** of results (analyses, overviews, conclusions)
- **Articles** for professional journals (including peer-reviewed academic literature)
- **Workshops** (and presentations at workshops and conferences)
- **Training seminars** and courses



And also

- A growing pool of individuals and organisations that develop expertise in DSM
- Expert platforms
- Discussion forums with potential users, customers, decision-makers, etc.
- Social media presence

All the information...



New website!
www.ieadsm.org

And more details

Newsletter
to members

DSM Spotlight

The Newsletter of the International Energy Agency Demand-Side Management Programme



december
2015

IEA Energy Efficiency Reducing Energy Bills

Energy efficiency improvements since 1990 in IEA member countries saved over USD 550 billion in energy expenditure by 2014 – larger than the European Union's annual fuel import bill. In the Energy Efficiency Market Report 2015, the IEA states that over the last 25 years energy efficiency improvements have saved USD 5.7 trillion in energy expenditures in the IEA's 29 member countries. "Energy efficiency is a virtual supply of energy, meeting energy services for business and consumers while reducing their energy costs", notes the IEA.

Energy efficiency is not only reducing energy bills for consumers, it is helping governments improve energy security by reducing imports and lowering exposure to

the international energy market. The Energy Efficiency Market Report shows that in 2014, the energy efficiency investments since 1990 have enabled the IEA member countries to avoid USD 80 billion in fossil fuel imports. Germany avoided USD 30 billion in energy imports and boosted its trade surplus by 12% in 2014 while Japan reduced its trade deficit by 8%.

Per capita energy consumption in IEA countries has fallen to levels not seen since the 1980s, yet income per capita has never been higher and access to energy services is continually expanding. The IEA estimates that energy efficiency investments since 1990 have been the most important factor to explain the flattening of

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Note from the Chairman

Which Way are We Heading?

Two articles recently caught my attention. The first was an article in the Dutch Volkskrant on October 27th with the heading "Energy Companies Have Become Less Green". This newspaper annually ranks energy companies and has concluded they used 5% more coal than the year before, as this was the cheapest option. The German company, RWE/Essent ended in last place with a 3 out of 10 ranking.

The second article, "The Green Oil Man" was published in Politico on September 30th. This article was about Fatih Birol taking the office of Executive Director of the IEA. He wants to turn the IEA into a hub of clean energy. The article contained the statement:

"If there is any energy company in the world which thinks that climate change policies will not affect their business strategies, they are making a grave mistake."

By the time this column is published, the Paris COP Summit will have been held, and even if there is an agreement, there will be details to be dealt with. And,

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Member Countries
Austria | Belgium | Finland | India
Italy | Netherlands | New Zealand | Norway | South Korea
Spain | Sweden | Switzerland | United Kingdom | United States

Sponsors



Thanks (& my details...)



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