



DSM-Energy Efficiency

(Demand-Side Management Implementing Agreement)

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All them details...



New Website!

www.ieadsm.org

And more details

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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And Ireland and Nova Scotia

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

Sponsors



The main mission of DSM – Energy Efficiency is to provide to stakeholders:

- Materials that is readily applicable for them in crafting and implementing policies and measures.*
- Knowledge about technology and applications that either facilitate operations of energy systems or facilitate necessary market transformation.*
- Insights that enables and promotes behavioural interventions to ensure the uptake and implementation of energy efficiency in the society.*

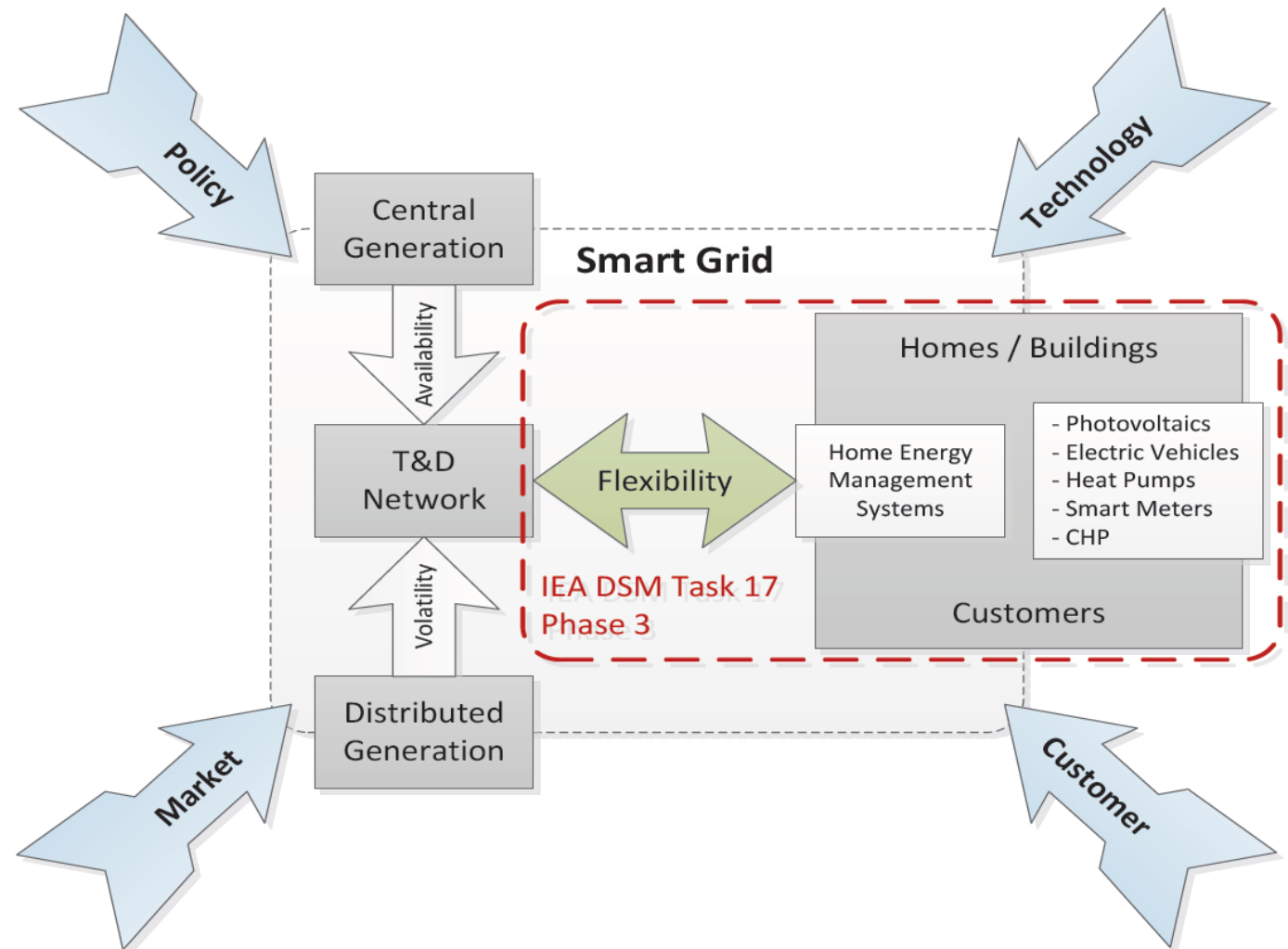
The stakeholders should as a consequence be able to structure and design “smart” systems with “High-value Distributed Energy Resources (DER)” that applies “IDSM – Integrated Demand Side Management”. Such systems will be characterised by:

- Resources are both physical (fuel and technology) and human. The user is one of the resources.*
- Integration of Load Management (DR), Load Level (EE), Distributed Generation (DG), Storage and Renewable Energy (RES)*

Some of the present work

INTEGRATION OF DSM, DISTRIBUTED GENERATION, RENEWABLE ENERGY SOURCES AND ENERGY STORAGE – PHASE 3

- Collaboration
 - TCP Isgan





Just starting

Business Models for a more effective market uptake of DSM energy services

- Identify proven and potentially successful business models for energy services for DSM on a national level, and develop effective policy strategies, stakeholder roadmaps and business models to upscale and mainstream these energy services on a national (ecosystem) level. (Combining 16 & 24 knowledge)

Multiple Benefits of Energy Efficiency

- Economic value of investment in sustainability (starting with Energy Efficiency)
- Based on IEA publication
- With IA IETS
- ... open for everyone to join!



Always available:

The DSM University first quarter 2016

- January 14th: *“Energy Efficiency Labels. What can be learnt from the European Success Story”*. Presented by Benoît Lebot.
- February 18th: *“Involving people in Smart Energy: A toolkit for utilities, energy agencies and smart city developers”*. Presented by Ludwig Karg
- March 17th with the title *“Advancing Utility Sector Energy Efficiency in the U.S.: Highlights of the ACEEE National Conference on Energy Efficiency as a Resource”*. Presented by Martin Kushler

All can be downloaded!

And if you have a story of your own, please contact us.



Thanks (& my details...)



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