

**IEA DSM TASK 16**  
**Competitive Energy Services**  
**(Energy-Contracting, ESCO Services)**  
*Phase III: Energy Efficiency and Demand Response Services*



**How Energy Services Are Working To Support Energy Policy Targets**

The success of further increasing energy efficiency will play a vital role in coping with the challenges of our common energy future. Avoiding energy consumption by increasing end-use efficiency is a highly effective way to meet all three key targets of energy policies 1) security of supply, 2) affordable costs of energy services, and 3) environmental soundness.

Energy Services (ES), also referred to as Energy-Contracting or ESCO service, is a proven 'deliver mechanism' for implementing energy efficiency measures, such as lighting, HVAC and building refurbishment. An ESCo takes over the technical and economical implementation risks and provides performance guarantees for the results. ES are also well suited to implement renewable energy systems with measurable outputs.

**Main Activities**

To contribute to the future market development of energy services, Task 16 is working to:

- Continue the IEA DSM Energy Services Expert Platform,
- Support and follow up country specific national implementation activities in order to foster ESCo market development,
- Design, elaborate and test competitive and innovative energy and demand response services and financing models and publish them, and
- Use the the *Task's Energy Service Expert Platform* as a competence centre for international and national dissemination and assistance services (e.g., coaching and training) in the field of energy efficiency services, and to contribute to an "IEA DSM Centre of Excellence".

**Task Work**

Phase III of this Task is structured into five operational Subtasks:

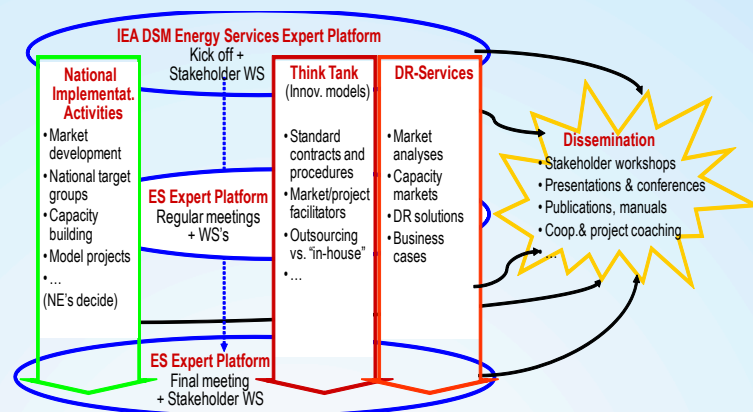
**Subtask 13** – IEA DSM Energy Services Expert Platform

**Subtask 14** – Think Tank

**Subtask 15** – Demand Response Services Business Models

**Subtask 16** – Coaching of National Implementation Activities

**Subtask 17** – National and International Dissemination



**Figure 1. Task 16 structure and work packages**

The detailed work program of Task 16 is open to modifications to support additional interests of participating countries.

Experts have defined national implementation activities specific to their country and markets. Task results are being disseminated nationally and internationally.

Specific national implementation activities are defined according to the individual country and market situations. Ongoing activities can be integrated into the NIA's.

Phase III began in July 2012 and will end in June 2015.

## Expected Results

Participating countries will benefit from:

- Receiving feedback, coaching and experience exchange on country specific ES market development activities (NIA's).
- Gaining know-how and building capacity on innovative and competitive energy services and financing models from the Think Tank.
- Participating in the IEA DSM Energy Services Expert Platform and communication with external stakeholders.
- Requesting the OA to prepare selected Energy-Contracting issues of interest.
- Actively participating in the international dissemination of competitive ES and offering assistance services and contributing to an IEA DSM 'Centre of Excellence'.
- Enlarging the market for energy services and developing business opportunities for nationally and internationally acting ESCOs and consultants.

## Participating Countries

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South Korea

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### Former Task 16 participants:

Austria - GEA, Belgium - Fedesco, Finland - Motiva India - BEE, Japan -JFS/Tepeco, Netherlands - Essent, and Spain - Red Eléctrica de España and Hitachi Consulting

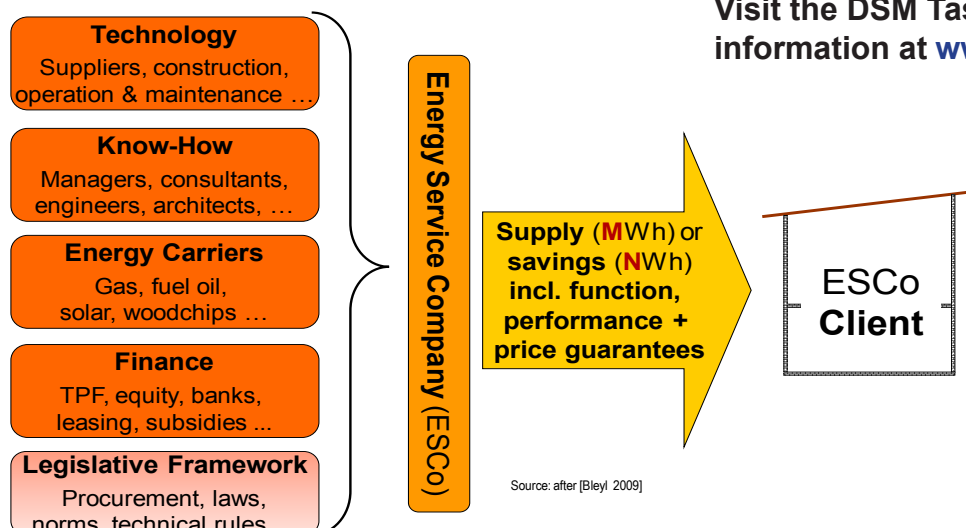
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Visit the DSM Task 16 webpage for more information at [www.ieadsm.org](http://www.ieadsm.org).



**Figure 2. Components of service packages and outsourcing of interfaces and performance guarantees to an ESCO**