

**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**

Avoiding energy consumption by increasing end-use efficiency is a highly effective way to meet the three key targets of energy policies: 1) security of supply, 2) affordable costs of energy services, and 3) environmental soundness. But what are the appropriate instruments to bring energy efficiency to the end-user? One of the most urgent energy policy and economic challenge is the search for suitable “tools” to achieve energy conservation potentials.

Energy Service (ES), also referred to as Energy Contracting or ESCO service, is a proven ‘delivery mechanism’ for implementing energy efficiency measures for lighting, HVAC and even building refurbishment. An ES takes over the technical and economical implementation risks and provides performance guarantees for the results. They also are 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 on country specific national implementation activities to foster ESCo market development.
- Design, elaborate on and test competitive and innovative energy and demand response services and financing models and publish results.
- 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.
- Support and contribute to the DSM University.

**Task Work**

Phase III of this Task is structured into five Subtasks:

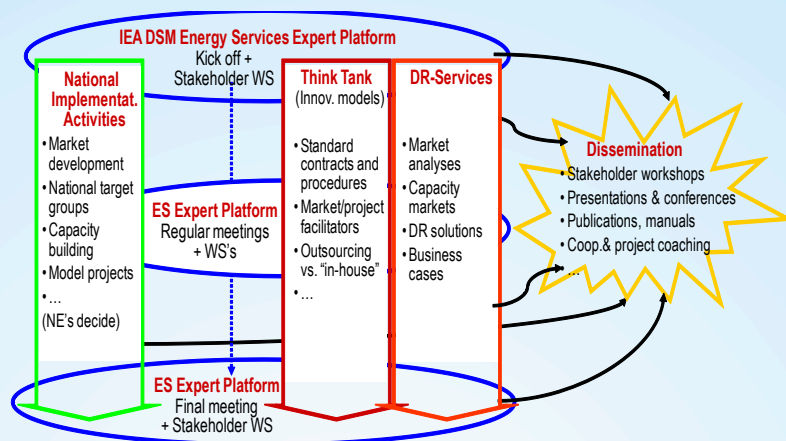
**Subtask 13** – IEA DSM Energy Services Expert Platform

**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 the participating countries.

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

**Task Duration**

Phase III: July 2012 to June 2015.

## Expected Results

Participating countries will:

- Receive feedback, coaching and experience exchanges on country specific Energy Service market development activities.
- Gain know-how and build capacity on innovative and competitive energy services and financing models from the Think Tank.
- Participate in the IEA DSM Energy Services Expert Platform and communication with external stakeholders.
- Recieve support from the Operating Agent on specific Energy Contracting issues.
- Actively participate in the international dissemination of competitive Energy Services and and contribute to the IEA DSM University
- Work to enlarge the market for energy services and develop business opportunities for national and international ESCOs and consultants.

## Participating Countries

Austria	South Korea
Belgium	Sweden
Netherlands	Switzerland

## Former Task 16 participants

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

## Operating Agent

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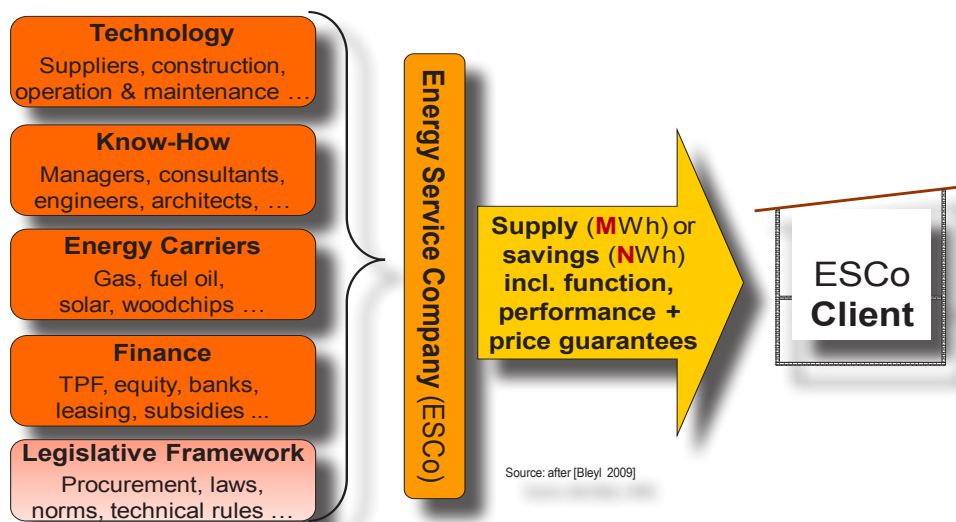


Figure 2. Components of service packages and outsourcing of interfaces and performance guarantees to an ESCO