

The eSESH project, comprising a consortium of 32 organisations, aims to help Europe meet emission targets by achieving a significant reduction of energy consumption in European social housing.

The project is developing a range of new ICT-based services for social housing tenants, to be evaluated in pilots across Europe. eSESH Advanced Energy Awareness Services (EAS) provide direct, timely and comprehensible feedback on energy consumption, enabling tenants to adapt their energy consumption behaviour. In addition, a comprehensive set of Energy Management Services (EMS) help reduce consumption peaks and optimise the timing of domestic consumption. Optimised timing of consumption can reduce generation capacity requirements and, with appropriate tariffs, tenant costs. EMS are also used to control delivery of locally generated, renewables-based heat and power.

Pilots of eSESH services are located at 10 sites in 6 countries:

- Angers and Moulins in France,
- Catalonia and Extremadura in Spain,
- Frankfurt, Karlsruhe and Solingen in Germany,
- Linz in Austria,
- Westerlo in Belgium and
- three sites in Italy (Brescia, Piacenza and Pesaro).



More than 5,000 social housing tenants are to be given access to eSESH Energy Awareness and/or Energy Management Services in the pilots, which are designed to evaluate the impact on overall residential energy consumption.

The consortium is led by the relevant government authorities and social housing providers, and coordinated by empirica Communication and Technology Research, Bonn. Contributors include global players in electricity supply, smart metering and home / building automation and international players in building networks and tenant portals as well as local specialists, ensuring a high standard of technical work and the achievement of key project objectives at each pilot site.

eSESH  
c/o empirica GmbH  
Oxfordstr. 2 - 53111 Bonn - Germany  
Phone: +49 228 98530 0  
Fax: +49 228 98530 12

Internet: [www.esesh.eu](http://www.esesh.eu)  
E-Mail: [esesh@empirica.com](mailto:esesh@empirica.com)

