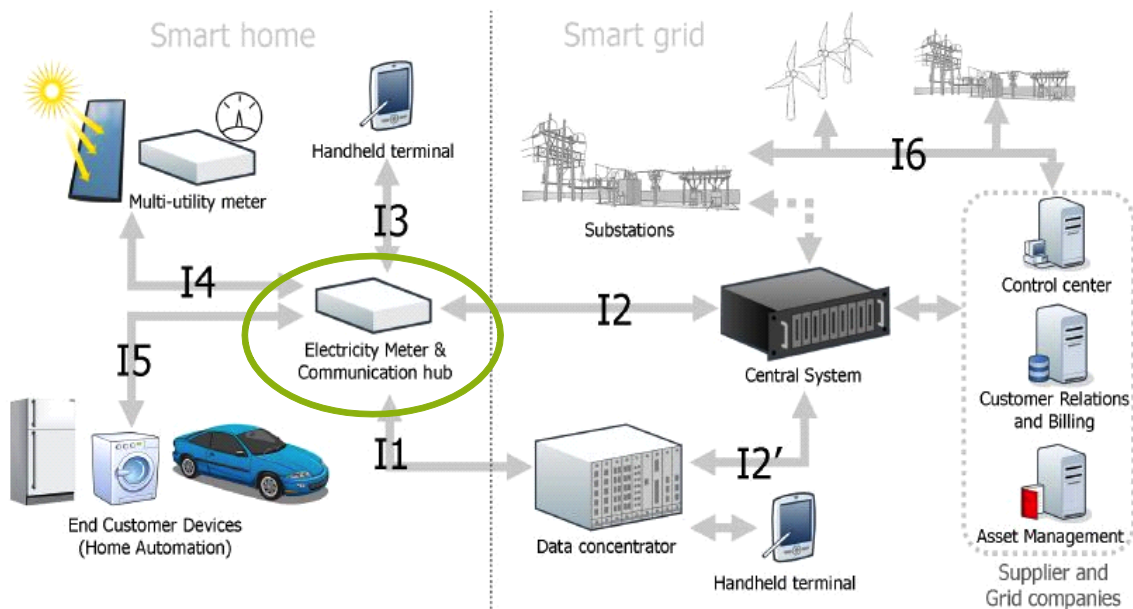


DSOs:

Elektro Ljubljana as an electricity distribution company took part in eBADGE project because of seeing a challenge to bring its ideas of demand management when using the VPP as a helpful tool, closer to reality. Some years ago, Elektro Ljubljana d.d. explored demand management, for domestic and business customers. But these first trials were not very successful. The customers were not yet prepared, neither was the market and it might be concluded that the main reason for this unsuccessfulness lies in not yet ripe energy services market. Working on eBADGE project can help to gain better understanding of the demand services market and also to help the DSO to enforce the system operation reliability. The pilots' expected results, when having the developed services for demand response, will be precisely controllable loads which will enable decreasing the power grid, with the aim to do it at the weaker parts of the grid. eBADGE gives the DSO an opportunity to make the available power for demand response research, to educate the end customers about coming smart grid services and to install the technology, which enables operation of demand response services. The development of technical solutions is also a part of eBADGE. The DSO as a partner has a great opportunity to learn more about the information flow. Finally, neighbouring DSO's have the opportunity to learn, by example from Elektro Ljubljana, d.d. about the demand response, usage of the VPP and smart grids.

The figure shows schematics view of connections of different entities with aim of better Smart grid control.



The figure below shows general structure of the electric energy market as result of eBADGE project.

