

**Programme:** EU-HORIZON 2020 Societal challenges - Secure, Clean and Efficient Energy - 2014-2020

**Call:**

LC-SC3-EE-14-2018-2019-2020

**Topic/s:**

The aim of the action is to deepen the demand side-related parameters in existing models and to include new aspects and data sources (e.g. by tapping DSOs modelling for forecasting of distributed loads). In general, it is to be expected that the introduction of smart meters and smart equipment will lead to more accurate consumption data providing for a more holistic mapping of the demand side and thus for better projections inside energy policy development and a more effective regulatory framework.

The action should complement the existing demand side energy models by developing multiple-agent energy models and/or modelling segments and/or developing methodologies on how to improve and enhance the demand side aspects in modelling.

These models and/or methodologies should:

- be compatible with the energy models most commonly used at European level;
- model more accurately those aspects not yet sufficiently considered in the existing models;
- make use of new data sources, including big data as for example generated by smart meters, smart buildings and smart equipment;
- identify and refine the structure and patterns of demand and how it will develop;
- contribute to an enhanced demand-side model to be consistently used at European level.

**AG1 priority fields:** Energy

**Call Budget:** 4000000,00€

Co-funding type:

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**Opening date:** 12 Mar 2019

**Deadline date:** 03 Sep 2019

**Call presentation and**

**documents:** <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunit...>

**Field:** Research

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