

Special Issue

The Role of the Domestic Smart Metering Infrastructure for Energy Saving and for Environmental Sustainability: Conventional/Non-conventional Use Cases and Future Prospects

Message from the Guest Editors

The UK government, as well as other governments worldwide, have invested substantial amounts into the development of a reliable and secure smart metering infrastructure as part of the smart cities initiative. The benefits of the smart metering rollout will eventually become apparent for the consumer/prosumer through, for example, the wider range of tariff availability, as well as the balancing of the smart grid, which needs to be prepared for the increased number of Electric Vehicles (EVs) as well as for the increase in electricity demand for heating, hot water and cooking purposes. In this Special Issue, we would like to invite articles on the use cases which utilise domestic smart metering data (electricity and/or gas) alongside additional data streams, such as internal temperature and weather data, for the development of tools which are beneficial for society, for data-driven policy making and for environmental sustainability.

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