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**Linky, Enedis' AMI program :
a powerful tool for energy transition and network management**

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Abstract

Enedis manages 95% of the electricity distribution network in continental France. Managing nearly 1.4 million km of electric lines, Enedis is responsible for continuous public electricity service. To fulfil this role, the company operates, maintains and develops the network with 38.700 employees. Enedis serves 36 million customers and guarantees them non-discriminatory access to the network.

Since 2015, Enedis has been running a large-scale advanced meter deployment program: the installation of 35 million smart meters, called Linky, will be completed in 2021. At the beginning of December 2018, 15 million meters have been installed. The Linky system, which is the building block of smart grids, is a powerful tool for the energy transition, facilitating the emergence of new services and new uses of electrical energy (like collective auto-consumption of DER...). It is also now providing innovative and powerful solutions to improve the management of the distribution network (like LV fault localization, overvoltage protection...).