

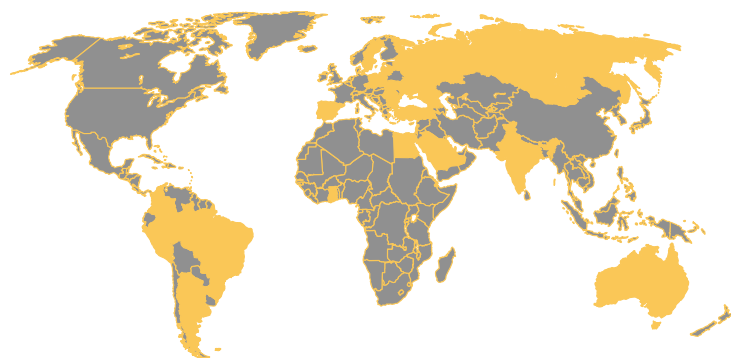


## Alliance Overview

Founded in 2009 and established by 8 industry leading companies, the PRIME Alliance today boasts a worldwide membership of 55+ cross sector companies including utilities, research institutes, chipset and software companies, smart meter and data concentrator vendors, integrators and consultants.



The world's first interoperable system was installed in 2009: Iberdrola's fully operational pilot in Castellon, as part of its STAR smart grid initiative which leverages Spain's legal mandate to implement smart metering. The first controlled deployment of 100k meters followed in 2010. Further large scale pilots began, Gas Natural Fenosa (Spain) followed by E-REDES (Portugal) in 2012, ENERGA-Operator (Poland) and Electrica (Romania) in 2013 and pilots outside of Europe, EDL (Lebanon), Energex (Australia) etc. In 2014, AS Sadales Tikls launched their first phase of meter deployments in Latvia. In 2015, PGE Poland decided to start with the installation of 50'000 PRIME Pilot. In 2016, EVN Bulgaria confirmed their decision to start PRIME Deployments, whereas in 2017 CEZ Romania and JUSCO India successfully implemented PRIME Pilots and in 2018 several pilots took place in Sweden, Georgia, Egypt, Lithuania and Czech Republic. Today there are over 20M PRIME smart meters deployed in commercial rollouts and pilots, in over 20 countries worldwide.



Sponsoring Members:



MICROCHIP

RENESAS



STMicroelectronics

### Purpose

The PRIME Alliance Association was incorporated for the purpose of developing and using open and standardized solutions to support smart metering and smart grid functionalities. Its scope is:

- provide provide an open forum for the creation of protocol specifications and standards for narrowband power line communications (PLC) for smart metering and smart grid products and services
- accelerate the demand for smart metering and smart grid products and services based on worldwide standards through sponsorship of the market and user education programs
- encourage and promote broad and open royalty free industry adoption and use of the specifications adopted by the Association
- protect the needs of consumers and increase the market potential to create a new industry and rich ecosystem of suppliers by supporting the creation and implementation of uniform, industry- wide conformance test procedures and processes which assure the interoperability of products implementing the specifications adopted by the Association

### Organisation

PRIME Alliance members undertake to pool efforts and provide resources to accomplish the Association's activities. It is this collaboration among competing companies, which allowed for the definition of an open, comprehensive standard that is now mature and used globally.

Principal Members are present in the PRIME Alliance Board of Directors and are responsible for day-to-day management, governance of working groups, appointment of officers and approval of new memberships.

### Future

PRIME today fits into a telecommunications architecture that supports Low and Medium voltage smart metering, Demand Response, Integration of Renewables, Home Area Networks functionalities and integration of Electrical Vehicles. Through the work of its members, PRIME has emerged as a proven, open, ITU-T and IEEE-standardized technology, which makes smart grids real. As part of the PRIME Alliance Strategy and telecommunication architecture, PRIME has recently kicked off task forces to define Broadband PLC and the integration with RF technologies.

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