



# Press release from EEBUS and VHPready

## EEBUS and VHPready agree on cooperation

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### Content of this press release:

- The two initiatives announce their close cooperation at FLEXCON for the connection of energy producers, consumers and grids.
  - EEBUS and VHPready thus create common standards for grid-connected communication between renewable energy producers and flexible consumers.
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The energy market is undergoing rapid change and is becoming much more complex as a result of increasing energy connection. Comprehensive standards help to master the increasing complexity and further reduce costs. This requires holistic, intelligent structures.

### **Extensive cooperation between the two initiatives with complementary fields of activity**

The EEBUS Initiative e.V. and the Industry Alliance VHPready e.V. announce today at the FLEXCON in Brussels their future cooperation and the possible integration of the two organisations. The cooperation of the two leading initiatives for the standardized connection of energy generation and demand in the Smart Grid and Smart Home forms the basis for a successful energy transition. With the networking solutions from EEBUS and VHPready, decentralised energy producers can coordinate their capacities directly with flexible consumers such as electric cars or heating systems and with the power grid.

The specifications developed by the EEBUS initiative regulate the communication between generation plants, consumers and storage facilities within buildings and at the transfer point to the distribution grid. The VHPready Standard (VHP - Virtual Heat and Power) defines the integration of distributed generation, storage and consumers into a virtual power plant at transmission grid level for monitoring and control. The cooperation of the two initiatives should significantly accelerate the development of a comprehensive market for the flexible and efficient use of renewable energy sources.

### **Partners close the gap between the power grid and consumers**

Hanno Balzer, Chairman of the Executive Board of VHPready e.V., comments: "The VHPready Standard 4.0 today guarantees the integration of renewable energies into a virtual power plant across manufacturers and operators. By cooperating with EEBUS, we are closing a gap in the direction of the relevant energy consumers at distribution grid level and in the area of Smart Home & Buildings and can thus offer coordinated concepts instead of isolated solutions. Only in this way can we successfully support the energy transition. I look forward to working together".

"Through this cooperation, we are creating a broad, cross-sector network of strong companies that covers the entire chain from photovoltaic systems and CHPs through electric car charging stations and heat pumps to virtual power plants in the Smart Grid. This enables us to describe and standardize the networking between the intelligent power grid and Smart Home & Building at all levels," says Peter Kellendonk, CEO of the EEBUS Initiative and emphasizes: "In this way, variable renewable energy generation can be coordinated with flexible consumers across countries and industries. VHPready ideally complements our specifications in the area of distributed generation and connection to the Smart Grid".

Together with the EEBUS members EnBW, EON and Innogy as well as the VHPready-initiator Vattenfall and 50Hertz, the initiative bundles important partners of the energy system transformation behind a networking strategy. In addition, with the industry associations BDH (Federation of German Heating Industry), the VDA (German Association of the Automotive Industry) and the VDiK (Association of International Motor Vehicle Manufacturers), the most important energy-relevant industries are also using the world language for energy on the Internet of Things.

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#### About VHPready

The VHPready Standard 4.0 guarantees the integration of renewable energies into the virtual power plant across all operators. VHPready thus enables digital monitoring and intelligent control of decentralised, heterogeneous energy plants.

More information can be found at: [www.vhpready.de](http://www.vhpready.de)

#### About EEBUS:

The EEBUS Initiative e.V. with its 70 member companies and associations is developing a common "Language for Energy Internet of Things". This open, standardised networking specification allows manufacturer-independent communication between smart energy consumers, regenerative generation plants, energy managers and the Smart Grid.

More information can be found at: [www.eebus.org](http://www.eebus.org)

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