

The vision of the all-electric society: The DKE positions itself as a pioneer

- **The DKE adopts Commitment 2030 with guidelines and targets for standardization to support the transformation to carbon neutrality**
- **The DKE acts as an independent and neutral platform to enable networking between all sectors of industry and society**
- **Electrotechnical standardization paves the way to a climate-neutral, sustainable and safe world**

(August 17, 2022, Frankfurt am Main) The concept of the all-electric society describes the vision of a carbon-neutral and sustainable world whose energy needs are met entirely by renewable electricity. For the DKE, the German Commission for Electrical, Electronic & Information Technologies, the all-electric society is the guiding principle for the future. To this end, it has now adopted a [commitment](#) in which it undertakes to consistently align its actions with the goals of the all-electric society. The conversion of today's fossil-fuelled applications to electric and carbon-neutral energy sources and efficient energy management are key prerequisites for this.

A prerequisite for the all-electric society: sector coupling

Electrical and information technology are a crucial key in solving the global climate crisis. "The current energy and environmental crisis is a major challenge. Achieving the climate protection goals of the Paris Agreement particularly requires that society switch to renewable energy sources to replace fossil fuels. Speed, coherence and coordination of measures are crucial here. And this is precisely what electrotechnical standardization can support and accompany," says Michael Teigeler, DKE Managing Director. To achieve this, all sectors of our economy and society must be digitalized, automated and electrified, be it industry, our mobility, our buildings, our energy supply or the infrastructure. All sectors can then be connected and integrated based on this.

Standards for greater energy efficiency

In this way, energy efficiency can be optimised across systems. Fluctuations in the availability of electrical energy generated from the wind or the sun can be managed through flexible and coordinated consumption and storage systems. "It's about the intelligent coupling of all sectors. Controllable consumers such as charging stations for electric vehicles contribute to the stability of the energy supply in an all-electric society. In industry, the intelligent coupling of charging station management with production planning increases efficiency. Standards make all this possible," sums up Roland Bent, DKE President.

In its new commitment, the DKE identifies three levels at which it would like to specifically drive forward the all-electric society and sector coupling. Firstly, as an independent and neutral platform, it intends to promote and moderate the exchange and coordination of the requirements of the various sectors, thus creating the architectural framework for the necessary standardization. Secondly, the DKE drives forward the networking of interest groups worldwide for the standardization of a sustainable energy system. As part of the International Electrotechnical Commission (IEC) global standardization organization, the DKE represents the German electrotechnical market and thus contributes to strengthening the innovative power of the German economy. Thirdly, the DKE aims to proactively exploit the opportunities of digitalization by creating digital standards (SMART standards) to make standards simpler, faster, more up-to-date and even safer.

Further information and a download of the DKE Commitment can be found at <http://www.dke.de/commitment-2030-EN>

About DKE

The DKE German Commission for Electrical, Electronic & Information Technologies of DIN and VDE as a joint organization of VDE and DIN (DKE) is the national platform for about 9000 experts from industry, science and public administration to elaborate standards and safety specifications for electrical engineering, electronics and information technology. Standards support global trade and, among other things, the safety, interoperability and functionality of products and systems. As a competence centre for electrotechnical standardization, the DKE represents the interests of German industry in European (CENELEC, ETSI) and international standardization organizations (IEC). In addition, the DKE provides comprehensive services in the field of standardization and VDE specifications.

For more information, visit www.dke.de

About VDE

VDE, one of the largest technology organizations in Europe, has been regarded as a synonym for innovation and technological progress for more than 125 years. VDE is the only organization in the world that combines science, standardization, testing, certification, and application consulting under one umbrella. The VDE mark has been synonymous with the highest safety standards and consumer protection for more than 100 years.

Our passion is the advancement of technology, the next generation of engineers and technologists, and lifelong learning and career development “on the job”. Within the VDE network more than 2,000 employees at over 60 locations worldwide, more than 100,000 honorary experts, and around 1,500 companies are dedicated to ensuring a future worth living: networked, digital, electrical. Shaping the e-dialistic future.

The VDE (VDE Association for Electrical, Electronic & Information Technologies) is headquartered in Frankfurt am Main. For more information, visit www.vde.com

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