



Siemens Energy Value Charter

Shaping the energy world and setting new standards

Siemens Energy Value Charter – Our charter for a value-creating energy system

Climate change is real. It threatens our very existence on this planet. Floods, droughts, wildfires – we've been seeing more and more of these extreme weather events in past years. Sea levels, ocean temperatures and the concentration of greenhouse gases in the atmosphere are all at record levels.

Earth is in danger of becoming much less hospitable place already within our lifetimes. One thing is encouraging, though: The international community agrees that we must follow the Paris climate goals. Siemens is leading by example. We walk the talk and are already taking steps towards achieving our goal to be a carbon neutral business by 2030. In addition, we are enabling our customers to reduce their emissions with our strong environmental portfolio.

Energy is at the heart of everything. A reliable and competitive energy supply is the basic prerequisite for sustainable economic growth in a globalized world. It is the foundation upon which prosperity and social peace worldwide are built. Drawing on our years of experience with customers, Siemens has developed a holistic approach to exchange with governments and customers around the world more consistently and successfully – namely, the Siemens Energy Value Charter.

Governments around the globe are driving the development of more sustainable, reliable and economically viable energy solutions. And the needs of each country to achieve the ambitious goals of the most sustainable energy system possible are unique. There is a lot at stake: The successful shaping of this change determines, for example, whether a society can build a strong industrial capacity and keep pace in the fast-evolving digital age. This is an area in which Siemens, with its more than 170 years of experience and global presence, can help. As a technology and market leader in almost all energy sectors, we are in an excellent position to offer technological solutions for a constantly and rapidly changing energy system. But that alone is no longer enough. Strong and reliable partners must take on new responsibilities and deliver added value.

And it is precisely for this reason that we are creating the conditions with the Siemens Energy Value Charter. It combines our expertise in delivering the necessary technological solutions and innovations with concrete recommendations on how energy systems must be further developed in order

to keep pace with technological innovations. Together with convincing financing and development concepts such as training and further education measures, we create tailor-made energy roadmaps to make energy systems more sustainable and thus more value-enhancing – for countries all over the world, for societies and, above all, for people.

The basis for this is provided by three priorities with global validity:

1. **Secure a reliable, affordable and sustainable energy generation:** Reliable access to sustainable electricity is the basis for economic growth today and in the future. To achieve this, we need a mix of renewable energies such as wind, sun or other sources, efficient and highly flexible power plant technologies, storage facilities and optimized demand management systems.
2. **Deliver efficient, safe and future-oriented infrastructure:** Transporting and integrating sustainable electricity into our economy requires intelligent and cross-sector solutions. Electricity, gas and digital infrastructures must be purposeful and fully integrated. Power-to-X is becoming the critical link in sector integration.
3. **Empower energy users:** More diversity, falling costs and new technologies are making consumers the creators of the energy system. This creates new possibilities around the meter as well as the conditions for decentralized efficient energy systems.

Whether an energy system is sustainable in the future will largely depend on the local design of these three priorities. To achieve this, we invite governments and customers around the world to engage in dialogue to shape their energy systems in such a way that they become a strong backbone for sustainable economic growth. We need even closer cooperation between politics, business and civil society. Only if we act together will we be able to leave a better planet behind for future generations.

Are you ready? Then let's get to work.