

# The future of electricity generation and utilities

“Reliable, Sustainable and Affordable Electricity for Everyone”

alliander



Pioneers in international business

# Six key trends in the energy transition:

1. Increase of renewable energy with individual consumers and in communities.
2. Energy saving in addition to decentralized generation will lead to energy producing buildings.
3. Exchange of energy; buildings and devices will exchange energy.
4. Strong growth of EV and new ways of mobility like car sharing and mobility mix.
5. Storage, conversion and flexibility. Need for ways of shifting production and use of energy in time, by means of storage.
6. Integration of the aforementioned elements.

## Alliander's role as Distribution Systems Operator

The **traditional role** of Alliander is to run the distribution network; with open access, independent, and externally controlled on service and price.

Alliander's **societal role** is to enable the societal transition to an affordable, sustainable, reliable and secure energy system. Developing an 'open and smart society' and the use of smart applications, will lead to a better society.

## Alliander Strategy

Alliander's strategy in the energy transition is to facilitate and **speed up activities and new markets changes**. That is why Alliander has started with initiatives that facilitate new markets in the six aforementioned fields.

## Smart Cities

Decentralization puts **consumers in the driver seat**. **A local focus combined with replicability is needed to identify new business cases with opportunities of scale**. Cities and regions are the primary focus.

## Opening new markets with new ventures in emerging business areas

Alliander supports the development of new markets that emerge from the energy transition. By doing so, Alliander helps to **create a level playing field** for all market participants and helps to **keep societal costs low**.

Next to contributing to a more sustainable society, these new businesses bring profit to earn back the money invested.





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EUROPE'S LARGEST

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