

ARGE NETZ

Energy 4.0



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Energy 4.0 – Smart renewable energies

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Energy 4.0 –

Welcome to the future!

Dear readers,

ARGE Netz is one of the leading groups of companies for renewable energies in Germany. We bundle around 4.000 megawatts of installed capacity, including wind, photovoltaic, biomass and solutions for storage and conversion of renewables. We are working hard to prevent climate change. And we stand for digitalization, sector coupling, and security of supply with renewables – **ENERGY 4.0!**

Stephan Frense
CEO

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Energy 4.0 – digital pioneer for renewable energy

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The transformation of energy supply based on renewable energies is one of the most challenging projects of our time – and highly important to limit the effects of climate change. Therefore ARGE Netz focuses on solutions for a successful energy transition. Since 2009, we are working hard on renewable energy system solutions, technological innovations and business models, give advice on several topics related to the subject of energy, and organize professional events. We share our ideas, views and knowledge with our partners in industry, science, and politics, and participate in pioneering projects like Norddeutsche Energiewende NEW 4.0 (<https://new4-0.erneuerbare-energien-hamburg.de/de/>).

In order to provide secure and climate friendly energy supply with renewable energies we need digital technologies to interconnect decentralised production and consumption as well as infrastructures. We developed our Renewable Power Plant (RPP) „EEKW“, the digital heart for real-time synchronization for a safe renewable energy supply. The RPP is a real time connection to all energy sectors (electricity, heat, traffic) and is a key technology to provide energy to any market. The RPP is able to integrate many decentralised renewable energy producers (wind, sun, biomass) as well as flexibilities and power-to-x-units into one single control centre. We are able to see and provide real-time information of all processes around the RPP.

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Energy 4.0 – 100 % renewable energy

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Sector coupling is the key for the next big step of energy transition. We continue expanding our activities along the energy value chain to the customer. Our trading company ANE ARGE Netz Energie gives us the opportunity to supply all energy markets directly from the producers, providing any energy needed to people, industry, and mobility. So renewable energy producers create added value from processing the energy directly to the customer, building new jobs and keeping investments and income in the region where the energy is produced.

ARGE Netz is a reliable partner for sustainable solutions and renewable energy system concepts. We would like to share our long experience with new partners. Together we can accelerate the worldwide energy transition and generate mutual benefits for the future.

For further information please call us or visit our website: www.arge-netz.de

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Network with us!

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