

Climate-neutral heat for Herzogenrath

Iqony and regional utility enwor are working together to develop a blueprint for a successful heating transition in the North Rhine-Westphalian town

Herzogenrath/Saarbrücken/Essen. Iqony Energies GmbH, a Saarbrücken subsidiary of the Essen-based energy company Iqony, and enwor - energie & wasser vor ort GmbH, the regional utility in Herzogenrath, are working together on a feasibility study to identify the opportunities and challenges on the way to a climate-neutral heat supply for the town in the Aachen city region.

Among other things, the plan involves the expansion and conversion of an existing district heating network to renewable energy and waste heat utilization. In the course of this, the partners are also looking at existing buildings, analyzing the development of energy-oriented modernization on the local level and calculating commercial heating requirements in order to have as accurate a picture as possible of the future requirements for a climate-neutral heat supply.

Andreas Loh, Managing Director of Iqony Energies, comments as follows: “As one of Germany’s largest district heating operators and renewable energy service providers, Iqony has extensive expertise in supporting local authorities and municipal utilities such as Herzogenrath and enwor on their way to a successful local heating transition.”

Blueprint follows BEW standards

The current study is being prepared in accordance with the criteria of the federal funding program for efficient heating networks (BEW), and therefore corresponding options for pro rata federal funding are ensured if the plan is implemented in the future.

Contact

Daniel Mühlenfeld
Press Spokesman
T +49 201 801-4262
F +49 201 801-4250
E daniel.muehlenfeld@iqony.energy

Iqony GmbH

Rüttenscheider Strasse 1-3
D-45128 Essen
www.iqony.energy

Registered office in Essen
Registered at Essen Local Court
under number B 27667

Supervisory Board:

Philipp Wack, Chairman

Board of Management:

Dr. Andreas Reichel, Chairman
Dieter Dehlke
Nicole Hildebrand
Dr. Ralf Schiele

Another key aspect of the joint conceptual study is to document the current and future potential of renewable energies and utilization of industrial waste heat in Herzogenrath.

Dr. Stephan Nahrath, Technical Director of enwor, adds: “Our aim is to successfully shape the energy and heat transition for the citizens of Herzogenrath. In order to achieve this, we have found an experienced partner in the form of Iqony to support us, and we will benefit from their many years of experience.”

Results expected at the end of 2024

The joint development of the strategy will start immediately. The partners will also be supported by BET, the energy management and technical planning firm based in Aachen. The aim is to have well-founded results by the end of this year, which will then form the basis for further municipal heating planning in Herzogenrath.

Long-term cooperation planned

Following the successful completion of the study, both partners are aiming for further long-term cooperation. This will focus on the implementation of specific measures that will be derived from the results of the conceptual study which is currently being prepared.

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About Iqony Energies

Distributed, sustainable, efficient and renewable – with this aspiration Iqony Energies develops the best energy solutions involving electricity, heat, district heating, cooling, compressed air or process steam for and with our customers and partners. Our range of services extends from wind energy, mine gas and biomass to geothermal energy and the design, construction and operation of heating networks. This makes us the market leader in Germany for geothermal heat supply, one of the largest operators of biomass cogeneration plants, one of the largest suppliers of district heating and contracting services with more than 100 combined heat and power plants in the megawatt range, and the leading user of mine gas. In this way, we ensure greater efficiency and less consumption of resources in energy generation every day.

About Iqony

Iqony makes green energy feasible. With more than 85 years of experience in the planning, construction and operation of energy facilities, the company provides holistic solutions for the decarbonization, decentralization and digitalization of the energy supply. Iqony focuses on renewable energies and bridging technologies that can be used in a climate-neutral way now and in the future. In addition to solar, wind and geothermal energy, the portfolio includes hydrogen solutions, storage technologies, engineering services and gas-fired power plants. Around 2,300 employees worldwide implement projects for major industrial companies, utilities, cities and municipalities in numerous countries across the globe. Specializing in tailor-made solutions for complex challenges, Iqony draws on its broad and in-depth knowledge of the energy industry across the full range of technologies and services.

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