

Energy Technology in the Canton of Aargau

The choice of location – an important success factor



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Perfect conditions:

- large potential customer base thanks to the central location in Switzerland and Europe (40 % of the Swiss GDP within one hour's drive)
- approximately 10 % lower wage costs than in the surrounding economic centers
- political stability, legal security, liberal labor legislation (including flexible working time models)
- excellent accessibility due to its outstanding transport infrastructure and proximity to Zurich airport

You will find in the Canton of Aargau

- highly motivated and well-trained professionals
- a workforce of around 27 % of all Swiss energy professionals
- Hightech Zentrum Aargau AG: Provide advice on innovative solutions for SMEs, focusing chiefly on energy technology: www.hightechzentrum.ch
- leading international research and development institutes working in the field of energy technology, including the Paul Scherrer Institute (PSI)
- high level of energy supply security

Your advantage: You will benefit from a concentration of expertise and a reliable power supply.

Key Figures Energy Technology Industry

- as the largest supplier of electricity in Switzerland (around 30 % of all energy generated in the country), the canton of Aargau can guarantee a reliable supply of power
- expertise and highly trained specialist engineers thanks to companies like Swissgrid AG, Axpo Holding AG and AEW Energie AG
- 25 hydroelectric power plants ensure short transport distances for energy supply

Training, Research and Development Facilities

- Paul Scherrer Institute (PSI): www.psi.ch
- ABB Corporate Research Center, including smart grid simulator and ABB semiconductor production: www.abb.ch
- University of Applied Sciences Northwestern Switzerland (FHNW), with specialist courses in energy technology: www.fhnw.ch/technik
- Brugg Cables: www.bruggcables.com

Swiss Energy Associations and Organizations

- VSE, Association of Swiss Electricity Companies: www.strom.ch
- ENERGIE TRIALOG SCHWEIZ (Energy Trialog Switzerland): www.energetrialog.ch
- EnergieSchweiz (EnergySwitzerland), a platform for activity in the field of renewable energies and energy efficiency: www.energieschweiz.ch

Testimonials

Power-Blox AG

«Power-Blox in Brugg develops and produces new kinds of batteries with solar panels for power supply. Modular energy cubes are put together like Lego bricks and work according to the principle of collective intelligence. Thanks to our innovative energy systems, we were able to push ahead into new areas of research and development. The unbureaucratic and professional support of the Hightech Zentrum Aargau and the economic promotion organization has been very important in this. But the environment with its high number of specialized SME suppliers soon emerged as another key success factor.»

Alessandro Medici, CEO, www.power-blox.com

Ansaldo Energia Switzerland AG

«Ansaldo Energia in Baden handles technology and product development, sales and project management for new systems and services relating to our GT26 and GT36 gas turbines. With more than 120 years of experience in energy generation, our Baden branch represents the technological legacy of gas turbine development in Switzerland. For us, Aargau is a very attractive location that our employees and their families enjoy. Being able to attract new staff members with the necessary skills has been another success story, thanks in no small part to outstanding collaborations with universities and training establishments.»

Peter Offtermatt, Director Human Resources, www.ansaldoenergia.com

novatlantis gmbh

«novatlantis gmbh is a spin-off of the Paul Scherrer Institute (PSI) in Villigen. As a sustainability platform with a focus on energy and resource efficiency and renewable energies, we have been established in Aargau and active across Switzerland for many years. Our activities focus on the transfer of knowledge and technology through pilot and realization projects in cities, communities, and regions as well as the implementation of applied research. We work closely with Swiss competence centers (SCCERs), power supply companies, SMEs, and the public sector. Our proximity to PSI, Park innovaare, the University of Applied Sciences Northwestern Switzerland (FHNW), and the Hightech Zentrum Aargau is a key factor in the work we do and a major advantage as regards location.»

Dr. Anna Roschewitz, Co-Founder and Co-Director, www.novatlantis.ch

Paul Scherrer Institute (PSI)

«The canton offers excellent conditions for research at the Paul Scherrer Institute (PSI) through the Hightech Aargau program. In the energy field, we are building on years of pure research in batteries, hydrogen, fuel cells, and power-to-gas. PSI runs the Swiss competence center devoted to storage, a key technology in terms of meeting energy strategy targets for 2050. Our Energy System Integration Platform exemplifies the interplay of decentralized provision, storage, and usage of energy. At Park innovaare, meanwhile, we promote partnerships with large businesses and SMEs in the region with the support of the canton of Aargau.»

Prof. Dr. Alexander Wokaun, CEO, www.psi.ch