

Zug: high-tech cluster

The high-tech cluster is considered one of the largest employers in Switzerland. With around 14,000 employees and 750 companies, the sector is also of great importance in the Canton of Zug. Local companies benefit from highly qualified employees with an outstanding know-how and an excellent business environment in the heart of Switzerland.



«From Zug, Switzerland's international business hub, we at Siemens Smart Infrastructure are driving digitalization forward. In addition to our portfolio for smart grids, we are primarily focusing on creating the best possible environments for the people who live and work in all types of buildings. For us, Zug is an ideal location for our global headquarters, where we can attract and develop the very best local and international talent.»

Matthias Rebellius, CEO Siemens Smart Infrastructure, Chairman of the Board of Directors Siemens Schweiz AG

High-tech in Switzerland

With almost 687,000 employees in over 41,000 companies, the Swiss high-tech sector is one of Switzerland's largest employers. Despite the strong Swiss franc, the sector remains competitive through high quality, precision, safety, and reliability. In addition, ongoing investment in research and development leads to an above-average capacity for innovation. The machinery, electronical and metal industry (MEM) exports 80% of its products, 60% of which are exported to the EU. Overall, the high-tech sector is responsible for 22.4% of the gross value added in Switzerland.

High-tech in the Greater Zurich Area

The Canton of Zug is part of the Greater Zurich Area, which offers excellent educational opportunities for the high-tech industry. Thanks to the Swiss education system as well as universities such as the Swiss Federal Institute of Technology Zurich (ETHZ) and universities of applied sciences, Switzerland has an outstanding know-how and a broad talent pool.

High-tech in the Canton of Zug

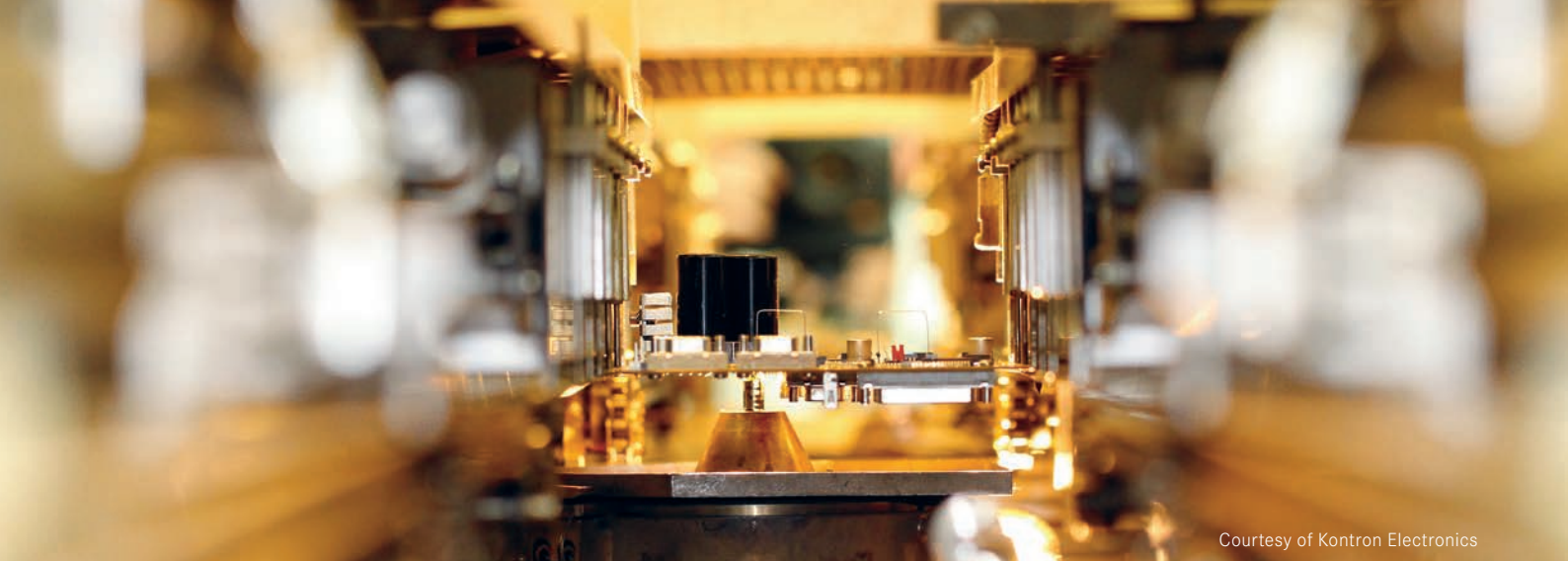
Based on its industrial heritage, the Canton of Zug has become a hotspot for high-tech companies over the last decades. The expansion of the high-tech sector is not only due to new companies moving to the Canton of Zug, but also existing ones developing their products and entering the high-tech sector.



An example for such an evolution can be seen at Landis + Gyr, a former industrial company that is nowadays specialized in smart metering. A global technology leader based in Zug is Siemens Smart Infrastructure. They are one of the foremost players in innovating and transforming the building industry whose whole campus in Zug is to be climate-neutral by 2023.

Today, engineering, design and manufacturing of electronical products and services constitute the most dominant sector in the high-tech cluster in Zug. Digitalization, robotics and Artificial Intelligence (AI) play also an important role. Thanks to the commitment of both businesses and authorities to the high-tech cluster, a unique eco-system for companies operating in this sector is being created.





Courtesy of Kontron Electronics



«Proximity to customers, know-how and resources enabled Landis + Gyr's successful transformation from electromechanical to digital and software, capitalizing on latest ICT and becoming the undisputed global leader in smart metering solutions. On this journey, we benefited on the inspiring spirit of similar businesses combined in the high-tech cluster and the cooperation with various universities in the region, securing the continuous access to the talents a business needs to successfully compete.»

Andreas Umbach,
Chairman Landis + Gyr and
President of the Zug Chamber of
Commerce and Industry

Facts & Figures:

High-tech in the Canton of Zug
– About 750 companies
– Around 14,000 employees i.e.
12.8% of the total workforce

Contacts & platforms

Technology Forum Zug (tfz)

The tfz provides an attractive platform for technologically leading, innovative companies in the Zug economic area by cross-linking organisations and their expertise.

Different universities, research institutes and partners are an optimal complement in the expert-network. The tfz concentrates know-how and interests in «industry-clusters» and «competence topics» to support companies through an innovative and technology driven environment.
– www.technologieforumzug.ch

Centre Suisse d'Electronique et de Microtechnique CSEM

The mission of the CSEM is the management and promotion of innovation to convert groundbreaking basic and applied research in micro- and nanotechnology into advanced processes, leading to innovative products and helping industry and society prepare for the future.
– www.csem.ch/home

Tech Cluster Zug

A visionary and homegrown physical eco-system for urban industries and innovation is emerging on the site of V-ZUG in Zug. Verticalized factories and innovation labs are developing and sharing digital solutions and an open innovation culture to accelerate urban work and solutions for the next generations.
– www.techclusterzug.ch

Lucerne School of Engineering and Architecture (TA)

The Lucerne School of Engineering and Architecture contributes and strengthens Switzerland as a business location by providing bachelor's and master's degree programs, continuing education programs and applied research.

– www.hslu.ch/de-ch/technik-architektur/

Innosuisse - Swiss Innovation Agency

As the Swiss Innovation Promotion Agency, Innosuisse lends support to R&D projects, to entrepreneurship as well as to the development of startup companies.
– www.innosuisse.ch

Swiss Federal Institute of Technology Zurich (ETHZ)

The ETHZ is among the world's leading universities. It is the home of the department of Engineering Sciences.
– www.ethz.ch

Our services address you directly as an entrepreneur. We are your partner, and we promote the Canton of Zug as a business location.

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«Our passion for permanent innovation of customer-centric solutions and processes drives our success – it is the base for being the market leader in Switzerland and for our successful expansion in international markets. Innovation thrives best in a petri dish of a robust institutional framework and a skilled talent base with a can-do attitude and willingness to apply oneself. Zug's high-tech cluster provides this encouraging environment. We appreciate in particular the rapidly growing ecosystem of high-tech companies, academic institutions and economically minded political organisations.»

Peter Spirig, CEO V-ZUG

