

Business region Goslar: competence centre for innovative materials and material technologies



December 2013: Opening of the the Clausthal Centre for Material Technology (CZM) at the Clausthal University of Technology.

Excellent technical staff with specific qualifications in the field of material technology gained at the Technical University of Clausthal and surrounding universities.

Competence centre: recycling of strategic economic metals (the latest recycling technologies, market leaders in the production of high-purity and rare metals, largest processing plant of electronic waste in Europe, etc.)

The district of Goslar is centrally located between Hannover, Brunswick and Goettingen. The region lives from the wealth of nature in the Harz Mountains and the wealth of ideas of the many people living here. Short distances, economical prices and a diversity of companies form the basis of an ideal investment location. The unique Harz landscape provides the ideal conditions for numerous high-tech enterprises and scientific facilities.

Natural resources were the basis of early growing industries in the district of Goslar. The experts of the early mining industry made the "Earth"- deposits of silver, copper, lead and zinc in the Harz - to their advantage. Consequently an exceptional centre of excellence evolved in the region of Goslar in industry, research and education with international recognition in production, development and use of innovative materials. The region is now known for the most modern recycling strategies and technologies for economic strategic metals.

Innovative materials: material and surface technology, recycling of metals, measuring and testing technology

Material and surface technology: complete value chain in the region of Goslar

In the region of Goslar the entire value chain of material and surface technology is represented - from research and development, processing, production up to sophisticated design testing methods. Many successful companies in the chemical industry, manufacturer of semi-finished products or specialists in the field of surface engineering are based in the region of Goslar. The research region around the Harz has also more than 30 scientific institutions as well as institutes which develop sustainable solutions in materials and surface technology. A special role is played by the Clausthal Centre for Material Technology (Clausthal University of Technology) which was newly founded in 2013 and operates both application oriented basic research on materials as well as the active support of the implementation in components and processes within the economy.

Economic strategic metals: development of innovative recycling technologies in both industry and science

The increasing raw material shortage in economic strategic metals such as germanium or gallium, open up the potential for the development of new recycling strategies and technologies. In the Harz an internationally recognised chemical and recycling industry has emerged. The REWIMET network (www.rewimet.de) represents a unique economic expertise in the field of recycling, complemented by the internationally profiled research and technology competence of the Technical University of Clausthal and the very renowned Clausthal Institute for Environmental Technologies (Cutec). In these and other research institutions innovations in the field of recycling economy of strategic metals are developed as well as business implementation together with business partners locally.



Measuring and testing technology: key competences for the development of new materials

The demand for innovative measurement technologies and equipment to improve product quality, surface life assessment as well as the safety of competitive products continues to rise. Measurement technology procedures are used in virtually all areas of science and technology at the Clausthal University of Technology as the basis for developing new materials, processes and products. Due to this, highly specialised companies have emerged around the university, which are today recognised in Germany and even worldwide as market and technology leaders. Particle measurement technology, the determination of fluid properties, pneumatic and hydraulic testing equipment and innovative electron or photo acoustic measurements for determination of the gas concentration are developed within this region. This expertise is complemented by the Heinrich Hertz Institute for fibre optic sensors.

Innovative materials: Competitive and location advantages at a glance

Highly skilled workers for companies in the material technology

The region of Goslar is located in the centre of the research triangle Hannover, Brunswick and Goettingen. In addition to the research institutions of the region (Clausthal University of Technology; Energy Research Centre Goslar; Fraunhofer Institute) many other universities are within 60 minutes reach. The Clausthal University of Technology offers a range of master programmes, which have both the material science and the material technology in focus. Courses are available from the nearby Technical University of Brunswick and the Ostfalia University in Wolfenbuettel which offer high affinity in the material science and material engineering. In addition more than 40 institutions of vocational training and education build a basis for qualified personnel in the region of Goslar.

Market potential for investors

The industrial structure in the region of Goslar is diversified to a great extent. Beside chemistry, resource economy and environmental energy other branches for example mechanical engineering, logistics and automotive industry offer attractive opportunities for investment. The easy and fast access to the motorways A7 and A2 as well as to major companies such as MAN, Alstom, Salzgitter AG, which are operating on an international level, and 9.2 million people living within a two hour commuter area are some great arguments speaking for themselves. In addition, there is the possibility to get involved in growing company and research networks of the region for example REWIMET (competence centre for the recycling economic strategic metals).

Attractive locations in the Western Harz Mountains

The region of Goslar is centrally located between the large urban centres of Northern Germany (Ruhrgebiet, Hamburg, Berlin). This is topped by the diverse and comparably land and real estate structure within the region. Whether you are looking for a site near the motorway, in an area surrounded by research facilities or in the centre of a town, we will find an appropriate offer for all your needs.

Great conditions for entrepreneurial commitment

We provide all services through one institution, if you are interested as an investor in the development of an entrepreneurial site within the region of Goslar. WiReGo (the economic promotion agency of the region of Goslar) assist you in seeking a site as well as in securing overall financing through various financial partners ranging from loans, venture capital to existing subsidy programmes. Furthermore we put you in touch with important contacts within the region, whether industrial, administrative or scientific. Through our support you will from the beginning be provided with optimal conditions for your economic success in the region of Goslar.