



HONORING THE GORCEIX LEGACY WITH THE NOBLE MISSION OF SUPPORTING AND HELPING YOUR SCHOOL'S STUDENTS

As one of the main scientific and technological development institutions of the mineral-metallurgical sector, the Gorceix Foundation (**Fundação Gorceix**) has been active for over half a century, during which it has obtained a rich history of achievements in the fields of geology and metallurgy, amongst others.

The foundation was established in 1960 by a group of alumni from the **School of Mines of the Federal University of Ouro Preto**, who were inspired by the trailblazer spirit of its patron, Claude-Henri Gorceix.

It is both a legally registered entity that comes under the jurisdiction of private law and a non-profit organisation, which carries out activities related to the community, with activities that include scientific and technological research, social assistance, general education and culture, and stimulating the development of Brazilian industries.

Priority is given to industrial projects which involve the participation of the professors and students of the **School of Mines of the Federal University of Ouro Preto (Universidade Federal de Ouro Preto - UFOP)**.

Active in the development of important national projects, **Fundação Gorceix** maintains partnerships with large public and private companies, both national and international, uniting science and technology with sustainable social and environmental development.



EDUCATION,
SCIENCE,
TECHNOLOGY AND
SOCIAL ACTION

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Fundação Gorceix is organised into nine departments, which belong to the Training and Technology Centre (Centro de Treinamento e Transferência de Tecnologia – CT³) and are separated according to their field of work in the mineral-metallurgical sector.

They develop projects and analyses, as well as promote learning via courses and training workshops held on their campuses.

DEMAM | GORCEIX **Environment Department**

Your main partner for sustainability projects.

The sustainable use of natural resources is the primary objective of the studies and projects developed by DEMAM, in conjunction with public and private entities, proposing sustainable solutions, mitigating environmental damage, and seeking a more effective exploration and extraction of natural resources by way of consultancy projects, training workshops and courses.

DEPAI | GORCEIX **Analysis and Innovation Department**

Mineralogical analyses and cutting-edge innovation.

Established to meet the demand for the technological characterisation of materials, DEPAI develops technologies and analyses for the mineral-metallurgical sector. It is equipped with the latest analysis equipment divided between five research laboratories - chemical instrumental, chemical wet-method, mineralogy, industrial waste, and control and automation - which enable the precise evaluation of minerals and metallurgical waste. It also develops applied quantitative mineralography, process control projects, new equipment, logic circuit programming, and 3D simulation and modelling.

DEPEC | GORCEIX **Continued Education and Engineering Research Department**

Training, research and development (R&D) in technology and innovation.

The goal of DEPEC is to stimulate and facilitate collaboration between Gorceix's researchers and consultants and the country's teaching and research institutions, on projects related to high-level training and the technological development of the sector, promoting dialogue between universities and businesses. DEPEC is one of the biggest providers of corporate courses in the mineral-metallurgical sector and plays an important role in consultancy projects of other Fundação Gorceix departments, in particular DETEMM.

DEPESP | GORCEIX **Special Projects Department**

Special projects for various sectors of the mineral-metallurgical productive chain.

DEPESP develops projects and research for the various sectors of the mineral-metallurgical productive chain that don't fit the profile or activities of the other Fundação Gorceix departments.



DEPETRO | GORCEIX **Petroleum Geology Department**

Vast experience in E&P project development

The primary objective of DEPETRO is to contribute to improve the evaluation of Brazil's petroleum potential. Its researchers, professors, professionals and interns carry out sedimentary-basin analysis projects, which focus on evaluating their petroleum potential.

DEPETRO also runs the Geophysical Data Network (Rede de Dados Geofísicos – RDG), which receives, formats and certifies seismic data.

DETAP | GORCEIX **Academic and Professional Training Department**

Professional training and academic complementation.

DETAP's main goal is to promote the academic and professional complementation of students from the School of Mines of the Federal University of Ouro Preto (Universidade Federal de Ouro Preto – UFOP) by way of courses and training. It also offers professional training to partner companies via courses and seminars.

DETEMM | GORCEIX **Mining and Metallurgy Technology Department**

R&D projects in the mineral-metallurgical field.

DETEMM carries out R&D programmes and provides technical and management consultancy services for the Civil, Environmental and Production Engineering sectors, as well as segments of the mineral-metallurgical sector. It develops activities related to the processing of ferrous, non-ferrous, metallic and industrial ores and the agglomeration of industrial ore and waste at their modern laboratories and pilot plants.

DETI | GORCEIX **Information Technology Department**

Competency in developing IT and Communication projects.

DETI provides technology and software solutions with expert know-how in system analysis and development, analysing their processes and adapting ERP systems to individual company models. It also develops sites and other web systems; produces reports; and installs, configures, maintains and manages servers, focusing on the security of the operation.

REM | GORCEIX **School of Mines Magazine**

The reference for the technical-scientific news of the sector.

For over 81 years, the REM magazine has been one of the most important publications for articles on Mine, Metallurgical, Civil, Geological, Material, Mechanical and Energy Engineering, speaking directly with academics and opinion makers of the mineral-metallurgical sector.