Vienna University of Technology

Introduction

Vienna University of Technology (TU Vienna) was founded in 1815 as k.k. Polytechnisches Institut (Imperial and Royal Polytechnical Institute). With its eight faculties - mathematics and geo-information, physics, technical chemistry, informatics, civil engineering, architecture and regional planning, mechanical engineering and business science, electrical engineering and information technology – the Vienna University of Technology covers the classic engineering and natural science disciplines. Currently, there are about 26,200 students (19% foreign students/30% women), and about 4,000 staff members. It consists of nine buildings.

Figure 1: Vienna University of Technology – main building.

The education offered by the Vienna University of Technology is rewarded by high international and domestic recognition. The chances for graduates getting attractive employment are very good. The high demand for graduates of the TU Vienna from economy and industry, governmental as well as research institutions are realistic evidence of this.

Research

At TU Vienna more than 2000 scientists conduct their research and teaching at highly advanced and modern institutes. Although fundamental research has priority at the TU Vienna, applied research is also conducted.

Moreover services are offered as high-tech problem solving and examination expertise for

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Figure 2: Biomass CHP Güssing with BioSNG demonstration plant and Technikum.

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Figure 3: TU Vienna's Fischer Tropsch synthesis facility, including gas treatment.

industry and economy. Innovation orientated companies are highly interested in co-operating with the Vienna University of Technology because of its high-tech and high-quality research, as well as its openness for requests of the economy.

Infrastructure available through BRISK
The research group "synthetic biofuels", lead by Dr. Reinhard Rauch at the Institute of Chemical Engineering is a partner in BRISK. The main R&D work within this group focuses on production of synthetic biofuels e.g.:

- Fischer Tropsch Diesel (offered as infrastructure within BRISK)
- BioSNG
- Mixed alcohols
- Hydrogen

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Contact
For further details about how to apply to utilise Vienna University of Technology's facilities as part of the BRISK initiative contact:

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