

**Purpose and Objectives  
of the WSDTI**  
**(German-Czech Scientific Foundation,  
Wissenschaftsstiftung Deutsch-Tschechisches Institut)**

by Dipl.-Ing. Rolf Bielecki  
Chairman of the Management Board, WSDTI

The WSDTI (German-Czech Scientific Foundation) was established in Hamburg in October/November 2002, with the purpose of promoting science and research, and initial and continuing education. It was recognised by the Chancellery of the Senate of the Free and Hanseatic City of Hamburg on 10 December 2002 as an incorporated foundation in civil law, and is recognised as a non-profit organisation by the competent tax authority.

The purpose of the Foundation is to be achieved by activities such as the following:

- Promotion of research into and development of technologies and strategies for water management, hydraulic engineering, the power industry, underground construction and urban development;
- Submission of research applications, e.g. to the EU, in the areas indicated above;
- Promotion of initial and continuing training of students and of engineers working in the profession, by means of technical lectures, seminars and workshops;
- Promotion of cooperation in activities for implementation of regulations, rules and standards of the EU;
- Promotion of exchange of students at educational facilities in Germany and the Czech Republic and with other Central and Eastern European countries;
- Promotion of the establishment of expert information systems as a knowledge basis for mastery of advanced technologies.

The purpose of the Foundation is to be achieved by cooperation with universities and institutions particularly from the Central and Eastern European countries.

The Foundation is endowed with assets amounting to €75,000.00. The Foundation assets may be increased by supplementary endowments (monetary amounts, rights and/or other objects). Donations which are not explicitly specified for increase of the endowment assets are to be used exclusively and in the period directly following donation, for the purposes set out above.

The amount of the assets of the Foundation is in principle to be maintained. Sale or encumbrance of the assets is permissible only if assets of equal value are acquired with the revenues from such sale or encumbrance. In principle only the interest and earnings from assets, and other incomes such as donations for a specified purpose, are to be used in order to achieve the purposes of the Foundation.

The Foundation has a Management Board, currently comprising three persons, and a Board of Trustees comprising 8 persons, 4 of whom are from Germany, 3 from the Czech Republic, and 1 from the Slovak Republic. The Chair of the Board of Trustees is currently Professor Dr. Christa Cremer-Renz, President of the University of Lüneburg; the Vice-Chair of the Board of Trustees is currently Professor Ing. Jiří Kazelle, CSc, Pro-Rector of the University of Technology of Brno.

The major activities of the WSDTI in 2003 and 2004 included:

- Expansion of the library and conduct of lecture series at the University of Technology, Brno/Czech Republic;
- Granting of financial support for initial and continuing education of students, post-graduate students and young scientists at the Universities of Technology of Brno and Bratislava/Slovakia and the University of Lüneburg, Suderburg site;
- Cooperation with the Institute of Technology and Education of the University of Bremen and with the Federation of the German Construction Industry to establish a concept for a dual course of studies in civil engineering, concentrating on hydraulic engineering, geo-engineering and underground construction, at the University of Lüneburg, Suderburg site.

The activities planned by WSDTI for 2005 include the following:

- Submission of an application at the end of 2005 for a research project on “Development of a technology for investigation of underground construction spaces by long-distance bores made by fusion drilling, and use of a reflection process with seismic sound waves”, at the DBU (Federal German Foundation for the Environment);
- Consulting for the City of Brno and the Geo-Engineering Faculty of the University of Technology of Brno on tunnel construction in spraycrete technique, and alternatively in shield driving technique, in February 2005, and planning of future visits to appropriate tunnel construction sites;
- Conduct of a university competition for the students of the University of Lüneburg and the University of Technology of Brno for design of Suderburg rail station and its surroundings;
- Application submission to the EU in spring/mid-year 2005 for 2 research projects for realisation of geothermal energy systems and the storage of radioactive wastes by deep drillings to depths of more than 4000 metres;
- Application submission to the EU in September for a research project on “Homogeneous Interoperable Public Services in Europe” (HI-EUROPE) in the area of e-government with the example of future traffic tunnel construction in Europe;
- Seminar on large tunnel construction, to be held at the Faculty of Geo-Engineering of the University of Technology of Brno in winter semester 2005/2006;
- Seminar on urban planning and high-performance concretes at the Faculty of Construction of the University of Technology of Brno in winter semester 2005/2006.

All the research projects mentioned above are to involve the faculties of construction of the Universities of Technology of Brno, Košice (Slovakia) and Lüneburg, the University of Hamburg and the University of Bonn-Rhein-Sieg.

The WSDTI currently maintains offices in Brno, Košice and Suderburg, and works in cooperation with high-profile engineering consultants and construction companies in the areas of construction and special-purpose civil engineering.

Further endowments are welcome. Expenditures for this purpose are tax-deductible.