
ay Zoltán Nonprofit Ltd. for Applied Research

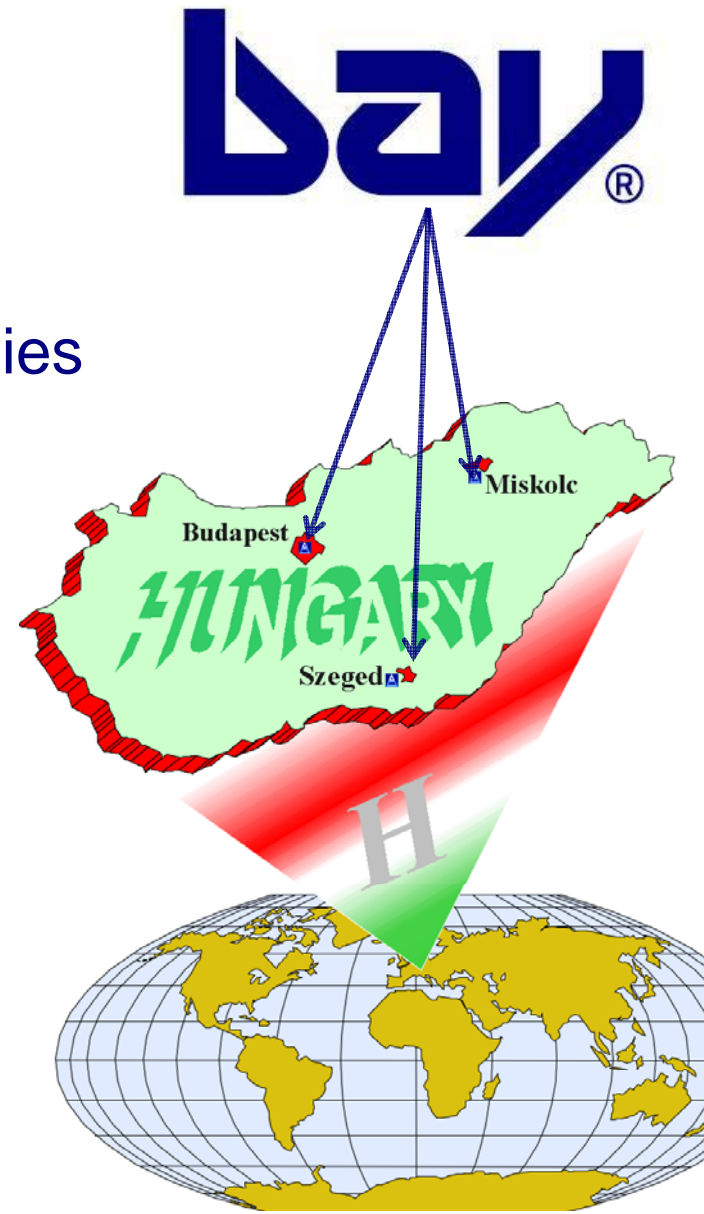


The beginnings: Bay Zoltán Foundation for Applied Research

- Established in 1993
- Operated as a foundation for 18 years
- Founded by the Hungarian Government (owned but not funded)
- Mission:
 - applied research
 - cooperation with companies, SMEs and the Hungarian Academy of Sciences
 - PhD programmes and young researchers
- Operating as a nonprofit ltd. since 2011

The Institutes

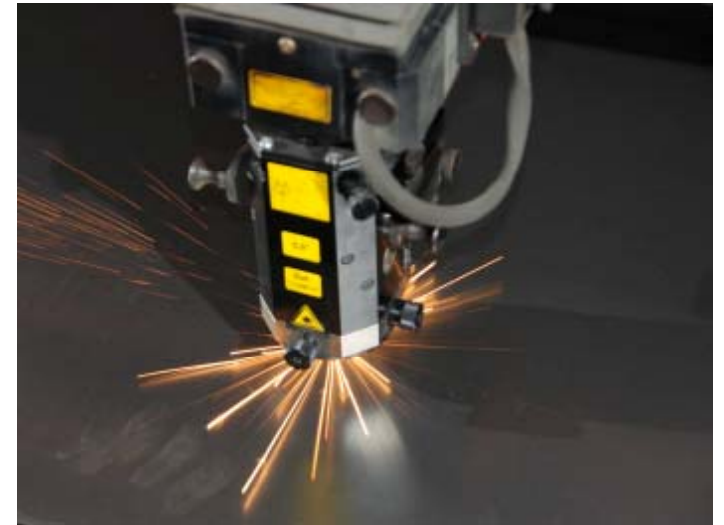
- Institute for Materials Science and Technology
(BAY-ATI – Budapest)
- Institute for Applied Telecommunication Technologies
(BAY-IKTI – Budapest)
- Institute for Biotechnology
(BAY-BIO – Szeged)
- Institute for Logistics and Production Engineering
(BAY-LOGI – Miskolc)
- Directorate for International Relations
(BAY-KKI – Budapest)



BAY-ATI

➤ Leading role in materials science and technology innovation in the following fields:

- laser technology
- polymer technology
- electrochemistry
- environmental technology



BAY-IKTI

Primary fields of research and development:

- ambient intelligence
- intelligent transportation systems
- embedded systems
- sensor networks
- ad-hoc communication networks



BAY-BIO

➤ The most significant centre for industrial and environmental biotechnology

➤ Key areas of research and development:

- oil industry development projects
- environmental protection microbiology and sensorics

development projects

- metagenomics, molecular biology



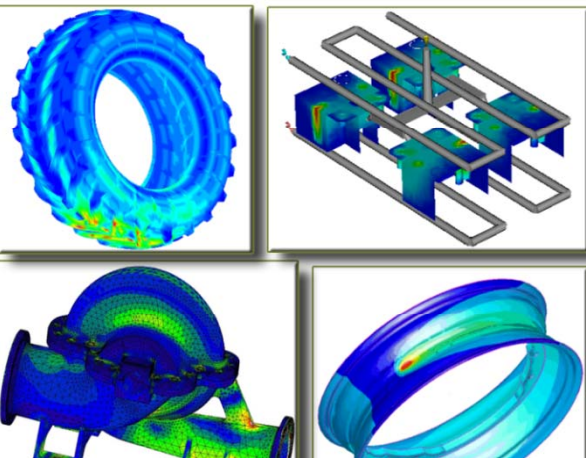
BAY-LOGI

➤ The leading applied research organisation in the North Hungarian Region

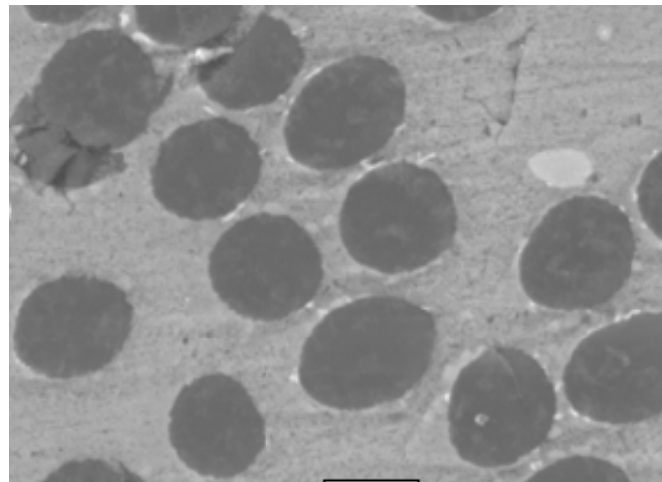
➤ Main research areas:

- structural integrity (safe operation of structures), environmental management, mechatronics, energetics, materials development and nanotechnology

DESIGN



TECHNOLOGY





BAY-KKI

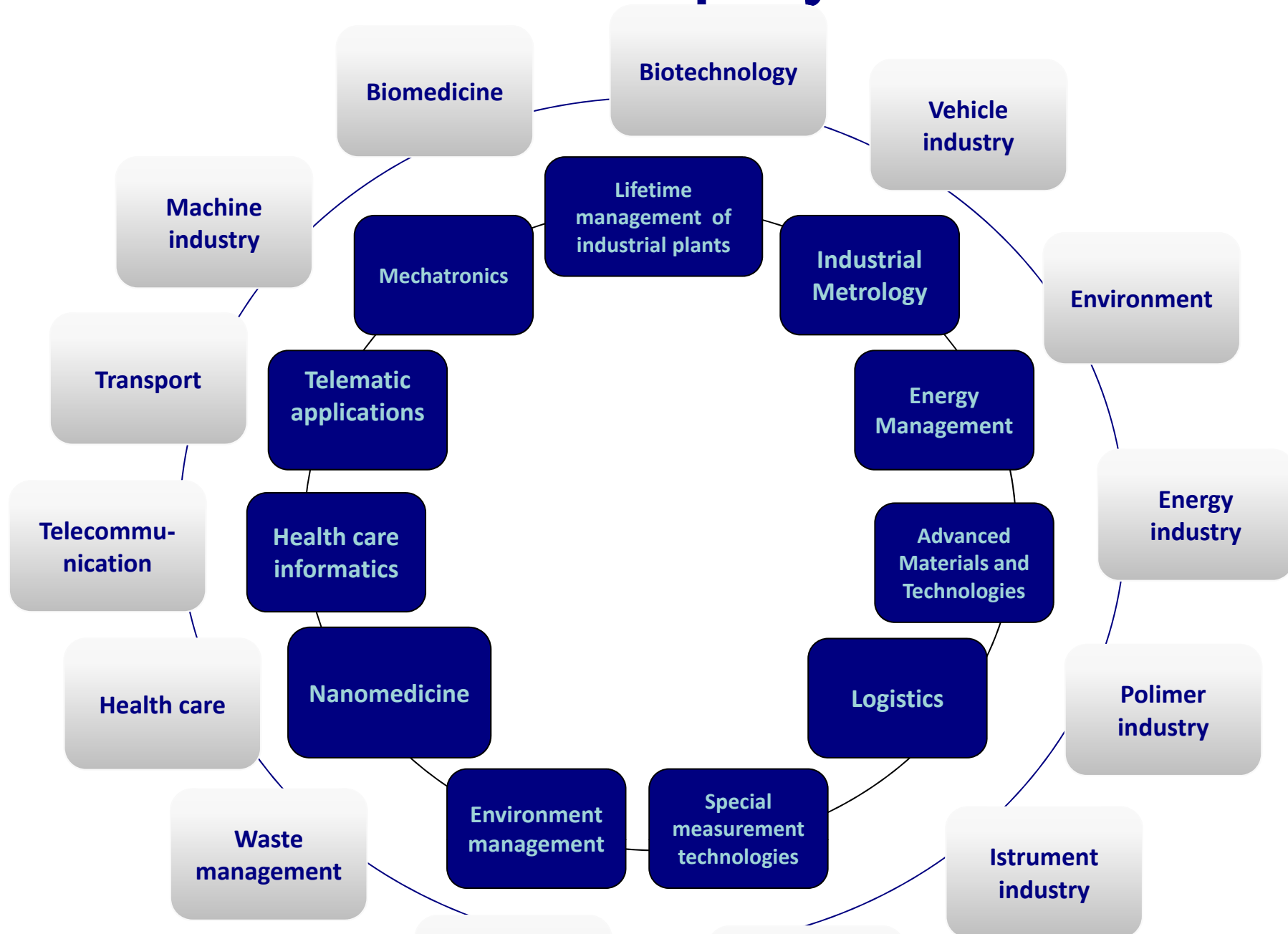


- Develops and coordinates international research collaborations
- Supports the company's participation in EU and other international R&D programmes
- Develops and implements FP projects
- Operates the Hungarian EU Research and Technological Development Liaison Office (HunOR) in Brussels, Belgium

Directorate for Business Development

- Sales of R&D services
- Technology transfer
- Market research
- Clusters and industrial networking
- Balance of business and research
 - Decision making
- Cooperation
 - Employees, Cooperation partners and Institutes
 - Further development

Main competencies and industrial relations of our company



Thank you for your attention!

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Bay Zoltán