



STRATEGY

Faculty of Mechanical
Engineering
BUT of Brno

in a nutshell

BASIS OF STRATEGY

The Faculty of Mechanical Engineering of BUT prides itself on its impressive 120 years of successful history.

The fundamental task of the faculty senior leadership is to ensure quality education and development of science and research, making the faculty an attractive educational institution and a natural center of science and research in its fields not only in the Czech Republic but also on a Central European scale. To enable the development of its employees and to offer them the prospect of further development, long-term perspective and above-standard conditions for their work. Thus, a motivational environment for great teachers, top scientists and professionals demanded by industry and contributing to the responsible social development not only in its region, but also in the whole Czech Republic.

This requires balanced and stable funding independent of changes in the legislative environment, enabling further development in all areas so that the basic mission of the faculty is fulfilled.

That is why we strive to reduce our dependence on the Ministry of Education in the area of funding. In practice, this means maintaining the level of institutional support and looking for additional resources for our development, e.g. by means of searching for new forms of application of developed know-how, or increasing the volume of projects (including international) and contract research. Such funding will enable us to develop further.

We want to fully exploit the high potential of our employees in implementation of this strategy. We have the ambition to be an important technical university in Central Europe and an attractive partner for industrial corporations.

The faculty leadership embodied the premises above in the definition of its mission.

MISSION OF FME VUT BRNO

Success starts with us!

- High-quality technical education
- Comprehensive technical solutions
- Top scientific teams

VISION OF FME VUT BRNO

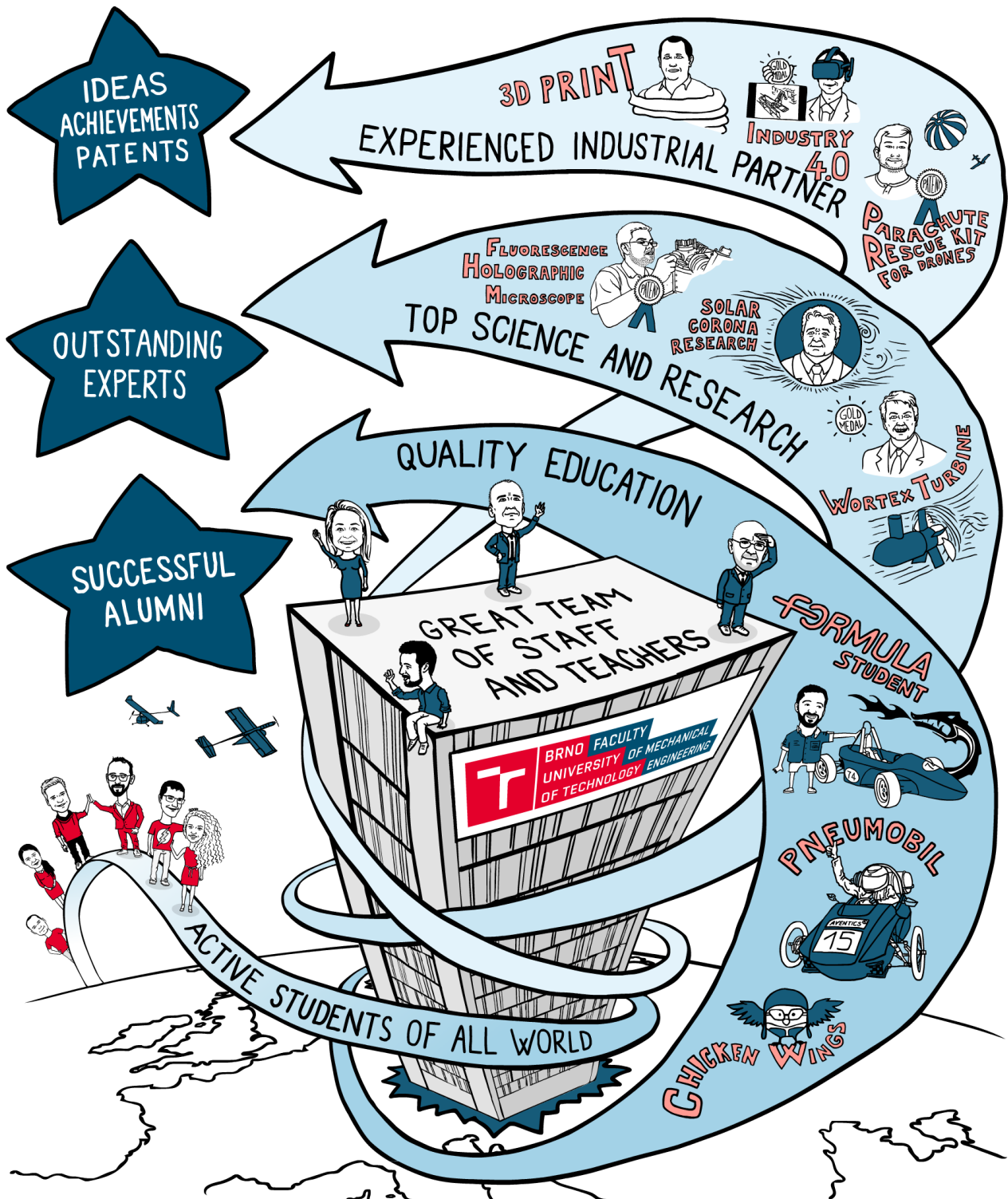
We have the ambition to be an important technical faculty within Europe that:

- uses modern teaching methods;
- is accommodating and attractive for students, both domestic and international;
- employs high-quality and motivated teachers and researchers;
- is significantly involved in the development of cutting-edge technologies with international reach;
- influences the direction and development of the technology fields;
- offers new interesting modern study fields developed in cooperation with leading corporations;
- closely partners with major industrial corporations;

STRATEGY IN A NUTSHELL

	Education, students	Research and development	Cooperation with industry and commercial use of know-how
Strategic aims	<ul style="list-style-type: none"> – We strive to be the choice no.1 for students interested in studying technical fields in the Czech Republic and Slovakia. – Maintain the number of quality students and increase the number of applicants. – Increase the education allowance by 10% and use this allowance effectively. – Increase our international credit 	<ul style="list-style-type: none"> – We want to maintain the volume of funds allocated by state institutions for scientific performance. – We want to increase the volume of R&D projects and increase the share of long-term international and strategic projects. – Increase our international credit. 	<ul style="list-style-type: none"> – We want to substantially increase contractual research and our revenues from commercialization. – Increase our international credit
Desired effect	<ul style="list-style-type: none"> – Prepare students for the future - to be able to face upcoming challenges and be successful. – Employ top and highly motivated educators. – Their success will guarantee a positive impact on the development of the entire society. 	<ul style="list-style-type: none"> – To make a significant contribution to tackling challenges in R&D area. – Effectively develop and utilize the human potential of the faculty. – Ensure stable flow of finance in R&D 	<ul style="list-style-type: none"> – To be a sought-after partner to the industry. – Facilitate the use of new ideas and knowledge of our employees and students. – To contribute to stable funding of the faculty, to increase our global presence through increasing share of the international contractual research. – Establish start-ups, actively cooperate with alumni.
How we will achieve it	<ul style="list-style-type: none"> – We will offer interesting study programs. – Using the new forms of teaching, we will make our courses more attractive for students. – We will introduce a functional system of evaluation and modification of the study programs. – We will develop a system for evaluation of teaching performance together with new forms of teachers' motivation. – We will increase effectiveness of our marketing activities. – We will make the environment for studying, working and leisure more attractive by completing the reconstruction of the FSI campus. – We will increase the share of academic staff on the total number of employees. 	<ul style="list-style-type: none"> – We will introduce a system of monitoring and evaluating parameters for the allocation of funds from the state institutions, predicting their changes and influencing these parameters. – We will continuously adjust the internal motivation system to ensure fulfillment of the set parameters. – We will create conditions for participation in trend-setting teams (consortia). – We will set effective criteria for career growth, creating a motivational environment. – We will develop networking. – We will further develop project support. 	<ul style="list-style-type: none"> – We will create conditions to launch an active model of offering and selling the intellectual property (e.g. we will establish a supporting position of the "business developer"), including: <ul style="list-style-type: none"> – identification and analysis of target markets and their potentials; – quantification of 'business objectives'. – We will develop systematic marketing in the field of industrial cooperation. – We will introduce networking – contacts, building relationships. – We will introduce a system of correct contractual setting of contract research and the use of intellectual property commercialization. – We will further develop the contract research calculation system. – We will introduce a system to encourage formation of start-ups. – We will create a system of work with the Alumni. – We will introduce a system of incentives bound to the volume of royalties

STRATEGY IN PICTURE



SUCCESS STARTS WITH US

- ★ QUALITY TECHNICAL EDUCATION
- ★ COMPREHENSIVE TECHNICAL SOLUTIONS
- ★ TOP SCIENTIFIC TEAMS