

Pilsen, Czech Republic

A-ZCU (West Bohemian University) - Regional Technical Institut

Pilsen, Czech Republic

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ABOUT US

The **A-Z University of West Bohemia in Pilsen** (UWB) is the only public institution of higher education based in the Pilsen Region. Currently, the University has eight faculties consisting of more than sixty departments and three institutes of higher education. More than 16,000 students studying at the University can choose from a wide range of undergraduate, postgraduate and doctoral study programs, the choice of form of study, i.e. a full-time, part-time or combined form, being a matter of course.

The educational activities at the University of West Bohemia in Pilsen include life-long learning programs for the general public in the form of lectures, courses and comprehensive training programs, including the popular Third-Age University. In addition to its educational activities, the University is also an important centre of Research and Development, with massive investment in University development and construction activities on the University campus. The University campus, in particular, is currently undergoing very dynamic changes – with an annex to the University Library building, and new buildings of the European Centre of Excellence NTIS and the Centre of Technical and Natural Science Education and Research literally growing in front of our eyes. These investments are the largest in the history of the University of West Bohemia in Pilsen and, in the future, they will form a very promising base for even more intensive co-operation with universities all over the world not only in the field of Research and Development, but also in student mobilities. The newly constructed research centres will definitely strengthen the links between the University and businesses and other institutions. This is also one of the reasons why UWB scientists involved in various disciplines, as well as UWB students, win prestigious awards for their activities every year.

A part of the university is a **Regional Technological Institute (RTI)** is an engineering and technological research centre of the Faculty of Mechanical Engineering at the University of West Bohemia. The Centre came into existence mainly thanks to funding from the European Regional Development Fund, from the Operational Programme Research and Development for Innovation, Priority Axis 2: "Regional R&D centres".

Research and development conducted in modern laboratories and testing rooms are above all oriented towards

- **Advanced Transportation Systems**
- Modern Vehicle Structures and their Driving Systems
- Machine Tools and their
- Modernization Forming Technologies
- Machining Technologies

AREAS OF ACTIVITY

Market application

- Urban Mobility
- Logistics
- Socioeconomic & Behavioural
- Green Vehicles
- Safety
- Infrastructure

H2020 2017 Call Topics - Urban Mobility

- MG-4.1-2017: Increasing the take up and scale-up of innovative solutions to achieve sustainable mobility in urban areas
- MG-4.2-2017: Supporting 'smart electric mobility' in cities

H2020 2017 Call Topics - Logistics

- MG-5.4-2017: Potential of the Physical Internet

H2020 2017 Call Topics - Socioeconomic & Behavioural

- MG-8.4-2017: Improving accessibility, inclusive mobility and equity: new tools and business models for public transport in prioritised areas

H2020 2017 Call Topics - Green Vehicles

- GV-04-2017: Next generation electric drivetrains for fully electric vehicles, focusing on high efficiency and low cost
- GV-09-2017: Aerodynamic and flexible trucks

ORGANISATION

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COUNTRY

Czech Republic

City: Pilsen

TYPE

Research

SIZE

51-250 people

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WEBSITE

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