

The Concept of Wielkopolska Centre of Advanced Technologies

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The Wielkopolska Centre of Advanced Technologies (WCZT) in Poznań is a consortium joining 4 state universities, 5 research institutes and Poznań Science and Technology Park whose activity is based on location and incubation of the new science based firms (spin off). It is the first centre integrating the whole scientific community in the Wielkopolska District based on excellent research works and numerous examples of already commercialized achievements and can become in future a part of the European Institute of Technology (EIT).

WCZT (Campus Morasko, Materials and Biomaterials) focuses on inter- and multidisciplinary research in chemistry, physics, molecular biology, material engineering and biotechnology. This combined effort brings new syntheses and technologies of production of fine chemicals and chemical specialties as well as new materials (nanomaterials, biomaterials) for optoelectronics, nanoelectronics, ceramics, pharmacy and a wide number of other fields like medical therapy and diagnostics, agrotechnology and food industry. The problems studied are related to the strategic programmes of European platforms for technologies of new materials, designing of new processes and industrial biotechnology.

WCZT Campus Morasko is planned to include a number of laboratories (individual buildings) of the Centres of Advanced Chemical Technologies, Industrial Biotechnology, Nanomaterials and Biomedical Technologies, fully equipped, as well as Regional Laboratory of Unique Instruments and Equipment.

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