

**CEITEC Brno University of Technology**

# **Strategy Framework 2020-2030**



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# 1. MISSION

The mission of CEITEC BUT is to seek truth, advance knowledge and educate in the scientific fields of life sciences, advanced materials and technologies that will best serve the society in the 21st century.

## 2. VISION

Our aim is for CEITEC BUT to be a leading European research institute that performs cutting-edge research and drives key innovations, utilising the knowledge and experience of its top-level scientists and state-of-the-art and open-access research infrastructure. CEITEC BUT strives to partner with elite, international enterprises, both private and public, and for the results to be recognized worldwide. Studying and working at CEITEC BUT is a prestigious position, and should be fulfilling for every scientist and employee within the organisation.

### 3. CORE VALUES

- Autonomous research groups
- Scientific excellence evidenced by international evaluation of scientific performance (ISAB) and internal score system
- Open-access, state-of-the-art research facilities
- Ethical practices – rules of good scientific and working practice
- Excellent international PhD school
- Fulfilling working environment with fair rules – HR Award
- Strong support of young scientist careers – “career hub”
- Strong innovation support – “innovation hub”

## 4. KEY RESEARCH AREAS

The activity of each research group is based on fundamental science, from which applied research and innovation with a potential for collaboration with industry grows. CEITEC BUT researches in the fields of **physics, chemistry, biophysics, biochemistry** and **materials science**.

CEITEC BUT considers **cross-disciplinary Advanced Nano and Microtechnologies** and **Advanced Materials, cross-linked especially with Life Sciences**, to be key areas for its further scientific development. These areas should catalyse the development of life-improving industry in the region and the whole of Europe. The addressed research areas are directly linked to the Key Enabling Technologies defined by EC for H2020 and following EU schemes. Specifically:

- Advanced Nano- and Micro-Technologies, Bio-Nano- and Bio-Micro-Technologies
- Advanced Materials and Bio-Materials
- Quantum Technologies
- Advanced Cybernetics and Informatic