

**MUNI**

**Masaryk University Annual  
Activity Report 2019**

**Chapters of the annual report = priorities of the Strategic Plan**



**1 Degree Programme Diversification and Accesibility**

**2 Quality in Education**

**3 Internationalization in Education**

**4 Individualized Doctoral Programmes**

**5 Research Excellence and Relevance**

**6 Research Efficiency and a Stimulating Research Environment**

**7 Organizational Culture Based on Shared Values**

**8 Inspiration and Social Responsibility**

**9 Personnel Management and Employee Development**

**10 Infrastructure and Institutional Management**

**11 Information Systems and IT Support**

## New Management of Masaryk University:



**Neurologist Martin Bareš became the new rector of Masaryk University when Mikuláš Bek handed over the rector's position**

# Three faculties have new deans, two deans continue in the second term



In 2019, **Martin Škop** (Faculty of Law), **Stanislav Balík** (Faculty of Social Studies) and **Martin Repko** (Faculty of Medicine) began their first dean's term. **Jiří Zlatuška** (Faculty of Informatics) and **Jiří Němec** (Faculty of Education) started their second period.

# Priority of Strategic Plan:

**1 DEGREE PROGRAMME  
DIVERSIFICATION AND  
ACCESSIBILITY**

## **The MjUNI pilot year for secondary school students has forty successful graduates**

In the academic year 2018/2019, secondary school students aged 15-17 could also graduate from the popular Masaryk jUniversity (MjUNI). Within MjUNI, secondary school students progressively attended all the faculties and CEITEC, where they could choose from 28 topics of lectures and workshops.



# Main topics in 2019

## 1 DEGREE PROGRAMME DIVERSIFICATION AND ACCESSIBILITY

- **Admissions procedure 2019/2020:** applicants submitted for the first time only one application for the degree programme. They could **choose from up to three variants of study plans**. These include single-subject study, single-subject study with the chosen specialisation or a combination of the main and secondary plan within so-called combined study.
- **Comprehensive system of university-wide counselling:** the network of programme consultants has been expanded, a total of **943 psychological consultations** were provided. Two campaigns to prevent study failure launched.
- **The unique P-Pool programme for talented medics has its first graduates** – seven talented students of general medicine underwent special scientific training and received a diploma for completing the entire P-Pool programme.

# Priority of Strategic Plan:

## 2 QUALITY IN EDUCATION

### The ceremonial matriculation of students commemorated the centenary of the first lectures

Masaryk University celebrated the centenary of the first Lectures with the ceremonial enrolment of students of the faculties of law and medicine in the authentic environment of the historical auditorium. The event took place in the building of the Institute of Forensic Medicine, which was one of the first original buildings built for Masaryk University.



# Main topics in 2019

## 2 QUALITY IN EDUCATION

- **Masaryk University holds institutional accreditation in 23 areas of Education**, which confirms the functionality of its internal quality assurance and assessment system.
- **Board of Internal Evaluation:** in 2019, 10 meetings took place and 145 submitted proposals from the faculties were discussed.
- University carried out an **extraordinary inspection of final theses** submitted for defence in the past two decades.
- A new **Board of degree programmes** began to operate at Masaryk University. The programme boards monitor the development of the degree programme and annually carry out evaluations. In addition to academics, students, graduates and employers are also represented.



# Studies at MU from the perspective of the graduates

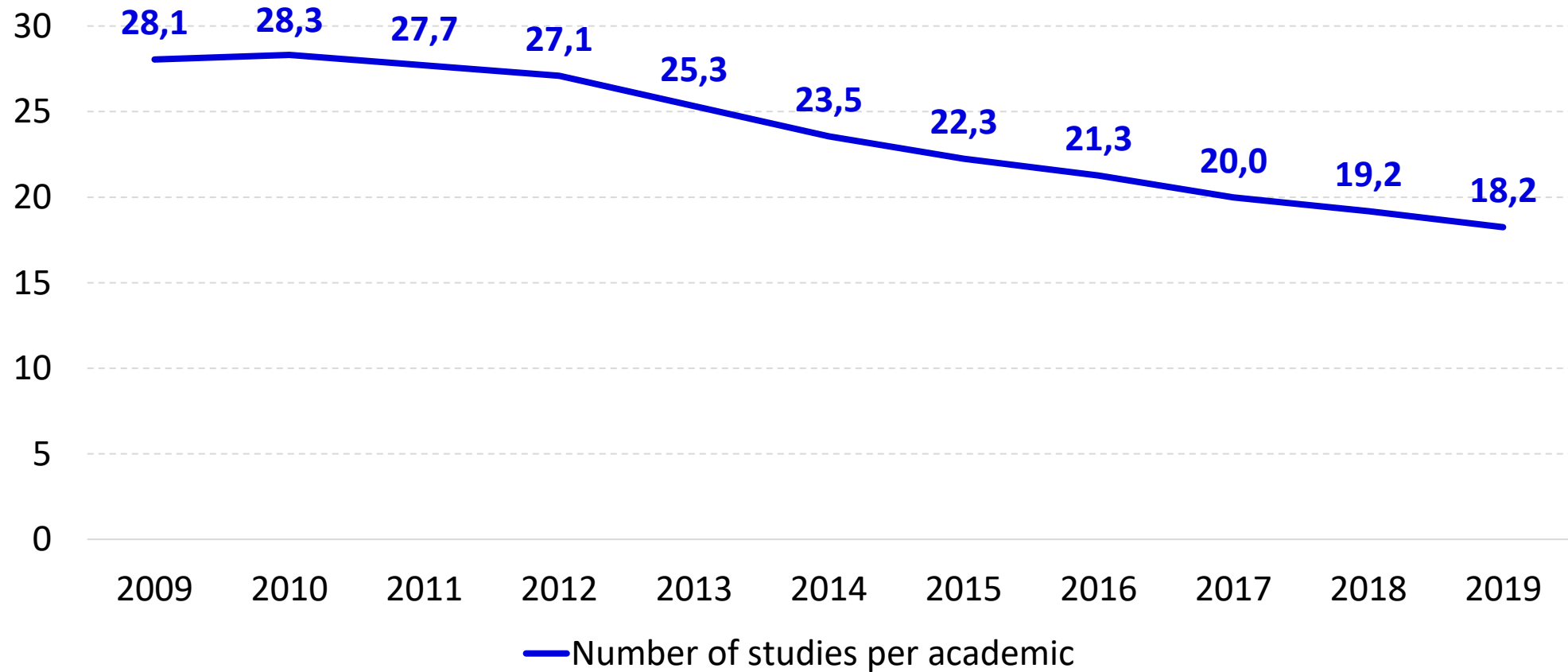
## 2 QUALITY IN EDUCATION

"Studying at Masaryk University was..." (Survey of the Master's degree programme graduates)



# Number of MU students per academic

2 QUALITY IN  
EDUCATION



# Priority of Strategic Plan:

## 3 INTERNATIONALIZATION IN EDUCATION

### Masaryk University has joined forces with five European universities in the European Digital UniverCity consortium

Students and teachers of Masaryk University can now benefit from close international cooperation between six European universities within the European Digital UniverCity (EDUC) consortium. To implement the joint plans, the schools received five million euros from the European Commission for a period of three years.



*Representatives of the universities signing the EDUC consortium agreement. Jan Pavlík, director of the Centre for International Cooperation, participated on behalf of Masaryk University.*

# Main topics in 2019

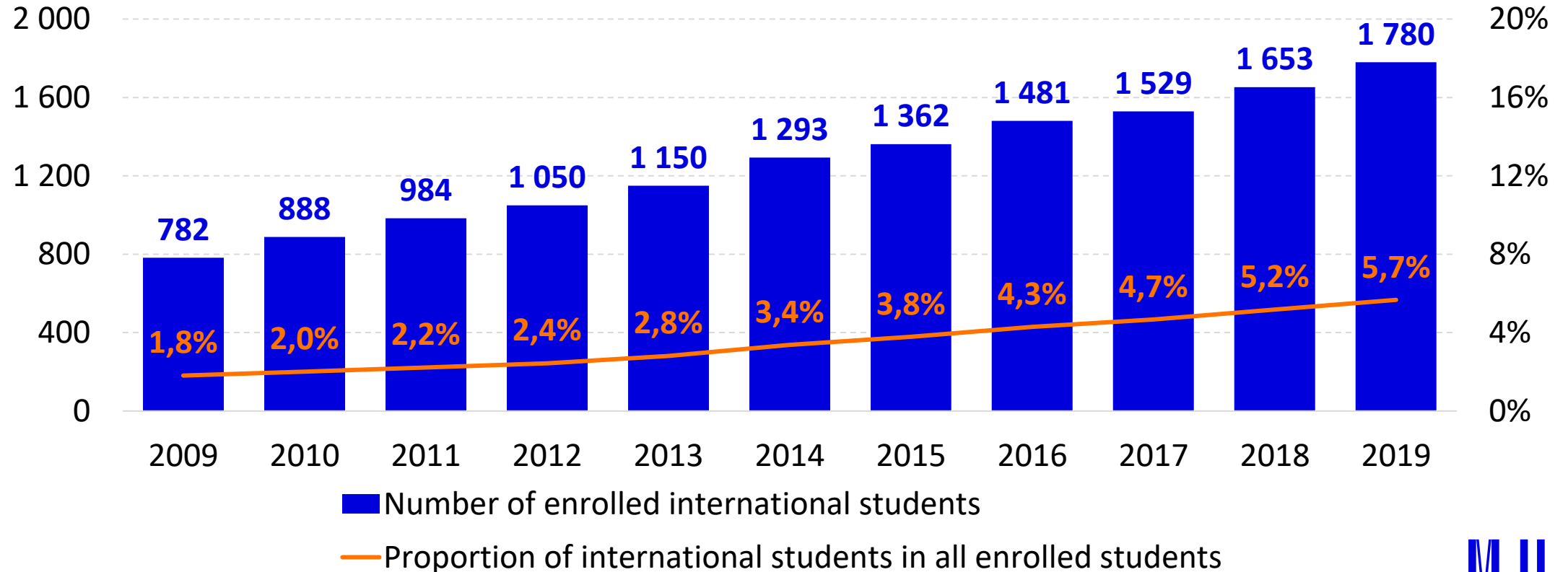
## 3 INTERNATIONALIZATION IN EDUCATION

- **Foreign Language Teaching:** The Language Centre provided foreign language teaching for more than 17,000 students. During 2019, **25 foreign lecturers** worked there.
- **Foreign language programmes** are implemented at all faculties, some are carried out in cooperation with foreign universities. There is the **possibility of studying in English from the bachelor's degree** at the **FSS, FEdu, FArts, FMed**.
- In 2019, MU sent **1,913 students abroad**.
- In 2019, **1,331 exchange students** from abroad came to Masaryk University, mostly from Spain, France, Poland, Italy and Portugal.

# Number of international students in accredited degree programmes

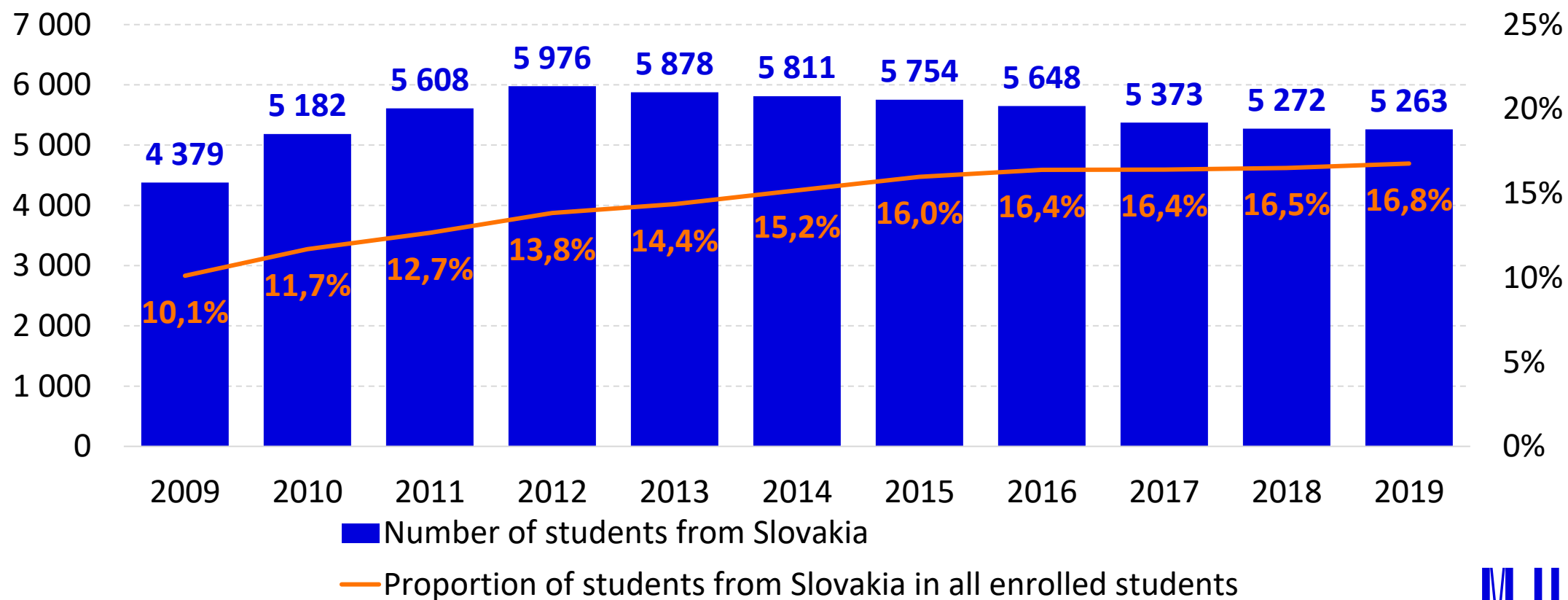
(without the citizens of Slovakia)

## 3 INTERNATIONALIZATION IN EDUCATION



# Number of students from Slovakia in accredited degree programmes

## 3 INTERNATIONALIZATION IN EDUCATION

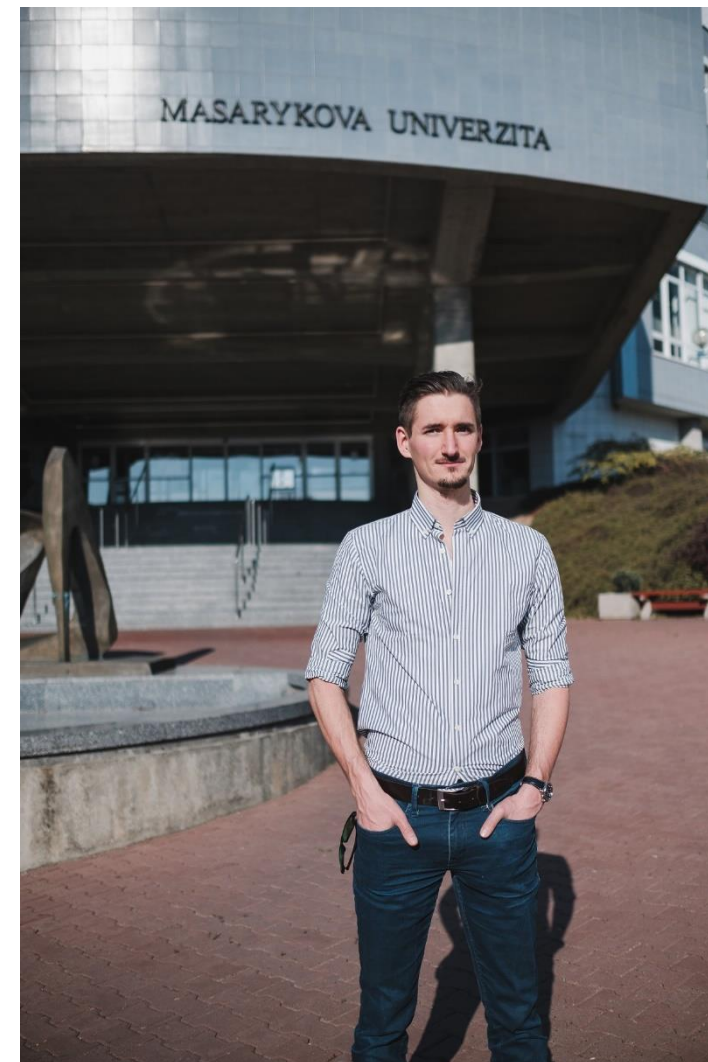


## Priority of Strategic Plan:

### 4 INDIVIDUALIZED DOCTORAL PROGRAMMES

**Experimental economist writes his dissertation in Brno and Sydney at the same time, and his studies bring him two titles**

Doctoral student Michal Ďuriník is the first graduate of the cotutelle programme at the Faculty of Economics and Administration. He completed a major part of his dissertation in the field of economic experiments at Macquarie University in Sydney, Australia. He defended his final work at the same time in Australia and at Masaryk University.



*Michal Ďuriník, a successful graduate of doctoral studies.*

# Main topics in 2019

## 4 INDIVIDUALIZED DOCTORAL PROGRAMMES

- The transformation of the original doctoral degree programmes and fields **into newly-accredited programmes** was launched.
- University expanded its cooperation in the implementation of doctoral degree programmes to several **new institutes of the Czech Academy of Sciences**. In addition to the Faculty of Science and the Faculty of Arts, the Faculty of Medicine and the Faculty of Law will also cooperate.
- **CEITEC PhD school:** more than **465 applicants** from dozens of countries around the world, 19 new students were admitted, two thirds of them from abroad.
- The fourth meeting of the **International Scientific Advisory Board** took place: The most accentuated topic was doctoral studies.



# Priority of Strategic Plan:

## 5 RESEARCH EXCELLENCE AND RELEVANCE

**One billion from the EU heading to RECETOX will turn Brno into a research centre for factors influencing human health**

The RECETOX research centre has achieved great success – as the first such organisation in Europe to succeed in all three Horizon 2020 calls for excellence. Thanks to the project, interdisciplinary cooperation will be further developed across the university and with leading European research institutions, such as University College London and ETH Zurich or the BBMRI network of European biobanks.



*Jana Klánová, director of the Center for Research on Toxic Substances in the Environment of the Faculty of Science  
MU - RECETOX.*

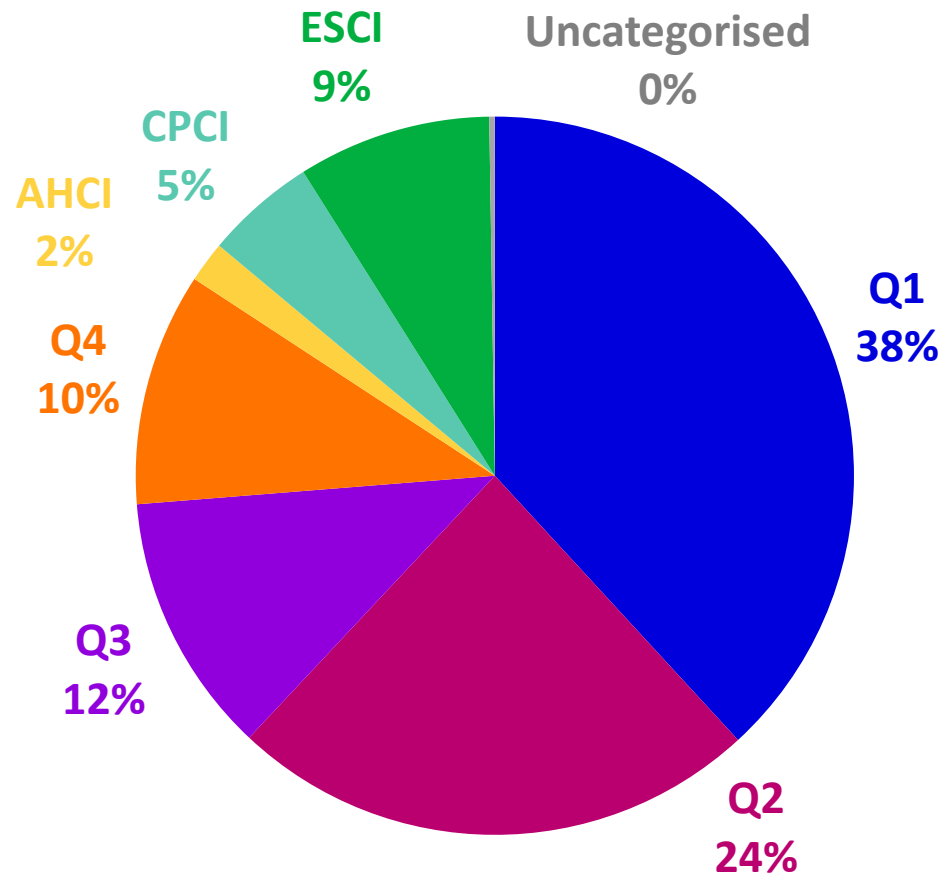
# Main topics in 2019

**5 RESEARCH  
EXCELLENCE  
AND RELEVANCE**

- Masaryk University became the **most successful Czech institution in H2020 calls** so far: the total number of **approved H2020 projects reached 80**. Their total budget exceeded CZK 810 million.
- **Significant Scientific Discoveries in 2019:**
  - Virologists have shattered old notions of viruses penetrating cells
  - Cyber security experts have uncovered vulnerabilities in chips
  - A long-term study by psychologists focused on motherhood and child care
  - Chemists have invented a more environmentally-friendly way of producing the key compound graphene

# Proportion of 2019 publications in journals according to their impact factor by quartile

**5 RESEARCH EXCELLENCE AND RELEVANCE**



## Priority of Strategic Plan:

**6 RESEARCH EFFICIENCY  
AND A STIMULATING  
RESEARCH ENVIRONMENT**

**The British historian, an ERC grant holder, came to Masaryk University thanks to the MUNI Award**

The second year of the MUNI Award in Science and Humanities brought the British historian Matthew Rampley to Masaryk University. He came to the Faculty of Arts from the University of Birmingham and brought with him a prestigious European Research Council grant (ERC grant). The subject of his interest will be question how the interwar political and social events of the time affected art and architecture in Central Europe.



*Second MUNI Award winner Matthew Rampley.*

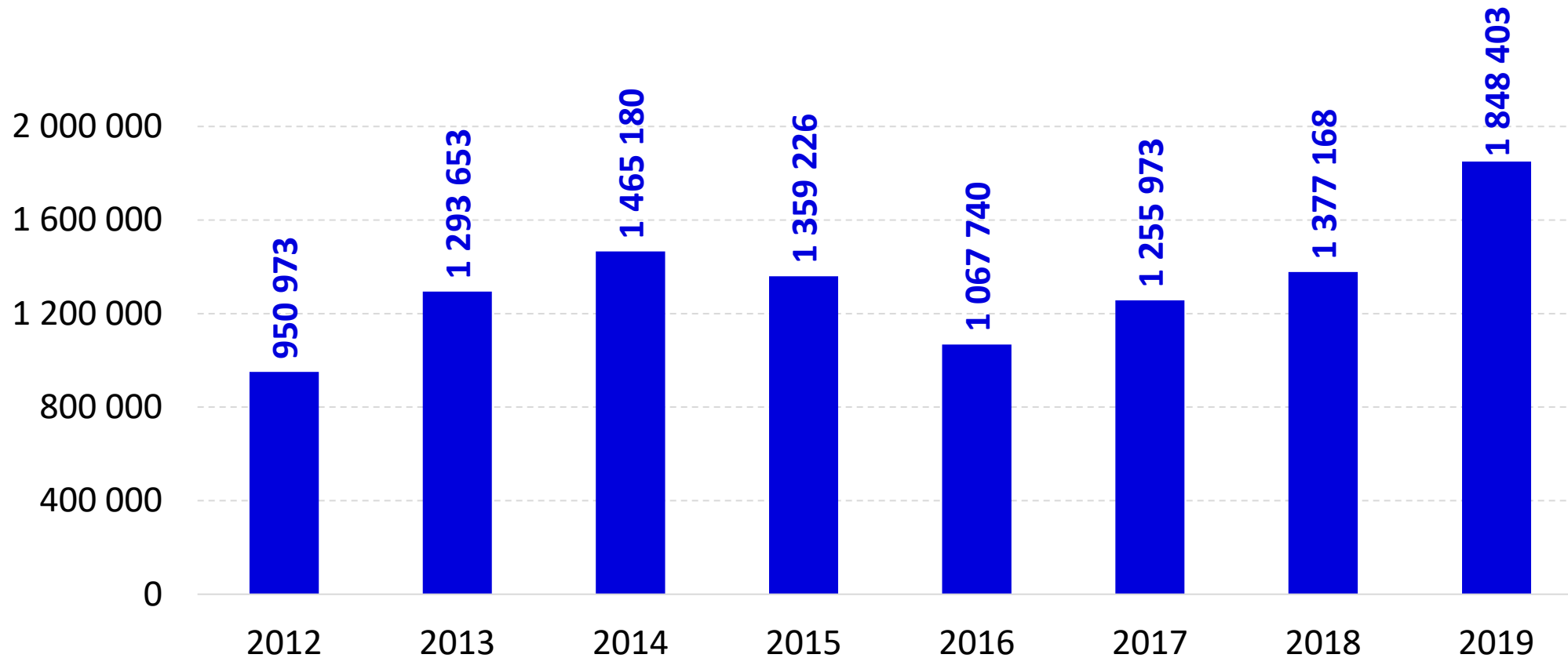
# Main topics in 2019

## 6 RESEARCH EFFICIENCY AND A STIMULATING RESEARCH ENVIRONMENT

- The **Association of Research Universities of the Czech Republic** was established – in addition to Masaryk University, Charles University, Palacký University in Olomouc, the Czech Technical University and the University of Chemical Technology are also members.
- **For the ninth year in a row**, Masaryk University has been supporting excellence in research through internal projects of the **MU Grant Agency (GA MU)**. In 2019, the competition for **interdisciplinary research projects** also took place. Another four projects were selected for financial support totalling almost CZK 20 million.

# Total amount of acquired non-investment R&D revenues

6 RESEARCH EFFICIENCY  
AND A STIMULATING  
RESEARCH ENVIRONMENT



# Priority of Strategic Plan:

**7 ORGANIZATIONAL  
CULTURE BASED  
ON SHARED VALUES**

## **The university celebrated the centenary of its founding**

2019 was a year of spectacular celebrations at Masaryk University. Activities commemorating the centenary of the founding of the university were spread throughout the year and included ceremonial events and cultural performances, sports competitions and student activities and invited not only its students and staff, but also graduates and the public.



*Andrej Kiska received the MU Grand Gold Medal from Rector Mikuláš Bek on the occasion of starting the celebrations of the centenary of the founding of Masaryk University.*

# Main topics in 2019

## 7 ORGANIZATIONAL CULTURE BASED ON SHARED VALUES

- **More than 12,000 people** took part in the **MUNI 100 Festival** at the Brno Exhibition Centre to commemorate the centenary of the founding of Masaryk University.
- Jubilee year 2019 ended with the **November Festival 30 Years of Freedom**, which took place at the Scala cinema and prepared for the Brno public a thematic cycle commemorating 30 years since the Velvet Revolution.
- During 2019, Masaryk University subsequently awarded **five honorary doctorates** to Andrej B. Zubov, Josef Jiříčný, Hans Belting, David P. Lane and John P. Giesy.
- **Rector's Awards of Masaryk University: 22 employees, students and graduates in 11 categories** were given awards for their excellent scientific, pedagogical or creative work and exemplary representation of the university.



## Priority of Strategic Plan:

### 8 INSPIRATION AND SOCIAL RESPONSIBILITY

## People donated 273 litres of blood to hospitals in the name of Masaryk University

An example of a unique sense of belonging was shown by students of the Faculty of Medicine led by Natália Antalová, Chair of the Student Chamber of the Academic Senate of the Medical Faculty of MU, when they announced the call for 100 years – 100 litres of blood THANKS TO MUNI.



*Event coordinator of 100 litres of blood THANKS TO MUNI  
Natália Antalová, a student of the follow-up Intensive Care  
programme.*

**MUNI**

# Main topics in 2019

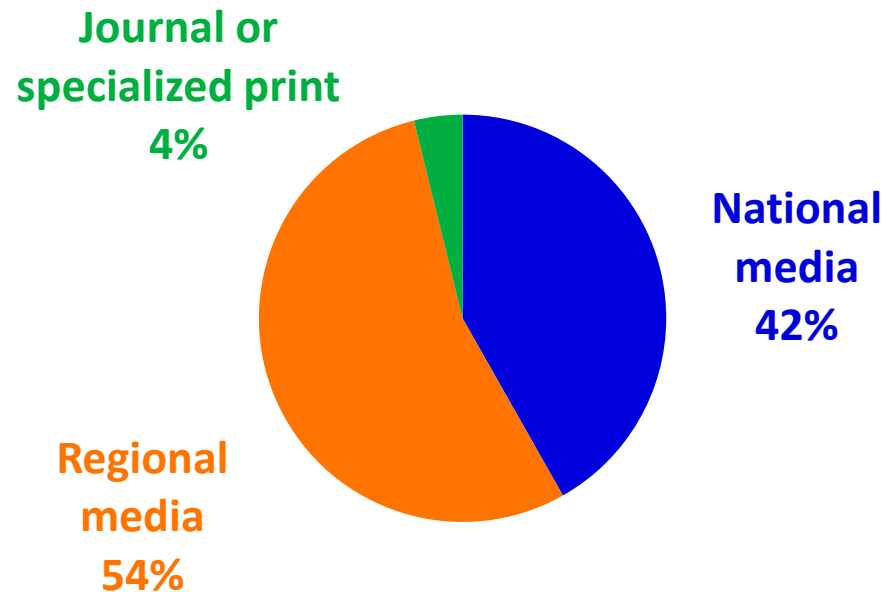
## 8 INSPIRATION AND SOCIAL RESPONSIBILITY

- The project **Open University (FEdu)** continued. Its aim is to build an open environment at Masaryk University and to create a system of support measures for ethnic minorities.
- The **Symbios project**, initiated by the **FSS**, was started. Its part is joint living of young adults from children's homes and students of Masaryk University.
- The **Kafinet café** was open at Faculty of Education. The café is a training workplace for people who return to work after a mental illness.
- The **Fakescape** student project has been fully launched. Faculty students started driving to primary and secondary schools with an innovative interactive game developing competencies in the field of media literacy.
- The **Kometa Brno hockey team raised CZK 160,000** through an auction of jerseys with the MU logo. The money will go to the Centre for Applied Behavioural Analysis.

# MU publicity in 2019 according to the type of media

(1,146 articles analyzed in 15 key media)

**8 INSPIRATION  
AND SOCIAL  
RESPONSIBILITY**



## Top 10 themes related to Masaryk University in the media

- Election of the rector and election of Martin Bareš
- Activities in Antarctica
- Celebrations of the centenary of the founding of the university
- Celebrations of the Velvet Revolution
- RECETOX research
- Focus of the university on research into the impact of the changing Czech population demographics
- Mass audit of final theses
- The Graduate Campaign focused on the prevention of academic failure
- Research on bans on mobiles for schoolchildren
- MUNI Award for Matthew Rampley

## Priority of Strategic Plan:

### 9 PERSONNEL MANAGEMENT AND EMPLOYEE DEVELOPMENT

**Zdeněk Bochníček from the Faculty of Science was awarded by the Minister of Education for his excellent pedagogical work**

The popular teacher Zdeněk Bochníček, who works at the Department of Physical Electronics, Faculty of Science, was among the first to receive the Award of the Minister of Education for outstanding educational activities at the university. This is a completely new award, intended to draw attention to the importance of quality educational activities.



*Holder of the Minister of Education's Award for the best university teachers, Zdeněk Bochníček.*

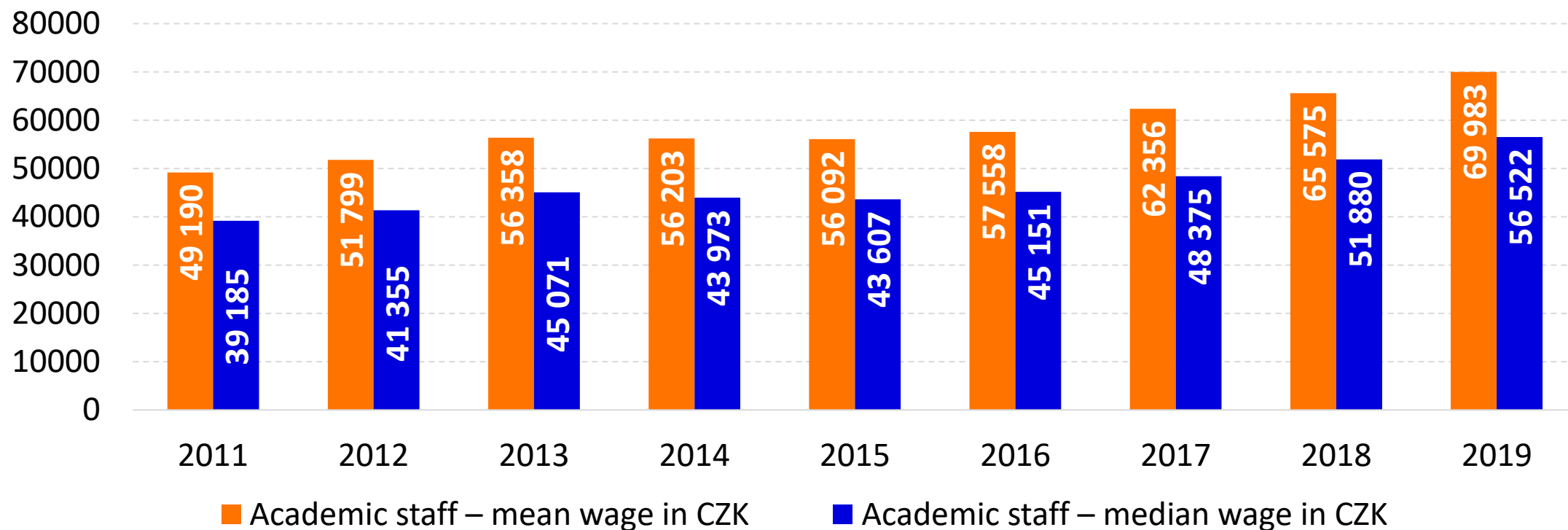
# Main topics in 2019

## 9 PERSONNEL MANAGEMENT AND EMPLOYEE DEVELOPMENT

- **HR Award:** The **aim of all parts of MU** is to fulfil the principles of the European Charter for Researchers. The Faculty of Science and CEITEC MU had already received HR Award and devoted the entire year to the implementations of the Action Plan.
- The **International Staff Office** provided **1,420 consultations** to foreign employees and family members.
- The University **Centre for the Development of Pedagogical Competences** first time offered **ten narrowly-focused workshops**, which were attended by 156 academics and doctoral students. A new educational **programme for MU doctoral students** was also launched.

# Mean and median wages of academic staff at MU

## 9 PERSONNEL MANAGEMENT AND EMPLOYEE DEVELOPMENT



# Priority of Strategic Plan:

## 10 INFRASTRUCTURE AND INSTITUTIONAL MANAGEMENT

### The university received CZK 660 million for the modernisation of research centres

At the end of 2019, six projects of Masaryk University received a subsidy of almost CZK 660 million for the modernisation and increase in the capacity of research infrastructures. The largest amount is intended for the instrumentation for the research institute CEITEC MU, where CZK 565 million will go.



# Main topics in 2019

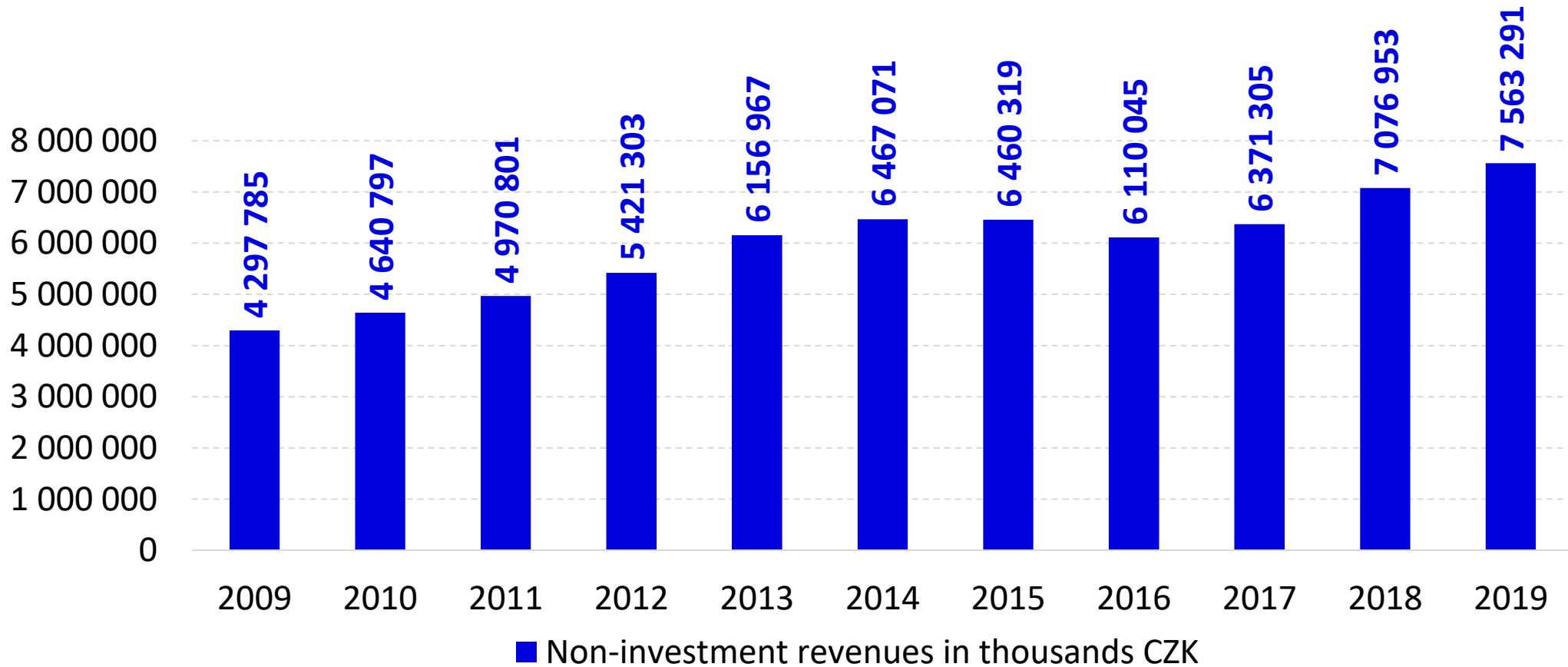
## 10 INFRASTRUCTURE AND INSTITUTIONAL MANAGEMENT

- A new system of **University Budgeting**: the division of institutional support for the long-term conceptual development of a research organization on the basis of **performance indicators and internal competition**.
- As a part of the **SIMU+ project** the construction of the Simulation Centre of the Medical Faculty of Masaryk University continued.
- 3<sup>rd</sup> year of the **MUNI 4.0 project** realization. Memoranda of cooperation were concluded with **26 foreign institutions**. Since the beginning of the project, over 300 academic staff have been trained within the activities of CERPEK and the Language Centre.
- The successful completion of the **MUNI4students project**, which brought the university equipment and modernisation of teaching spaces for CZK 386 mil.



# Total non-investment MU revenues

10 INFRASTRUCTURE AND INSTITUTIONAL MANAGEMENT

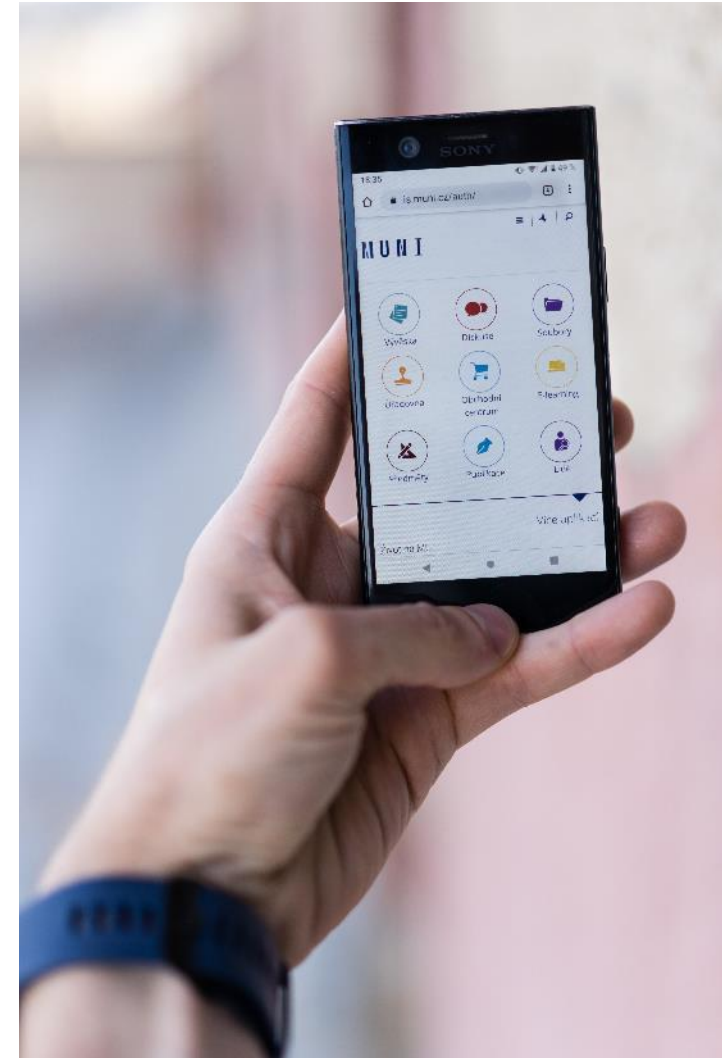


# Priority of Strategic Plan:

## 11 INFORMATION SYSTEMS AND IT SUPPORT

## 20 years of the Masaryk University Information System

For 20 years, the MU Information System has made work easier for students, teachers and university staff. It allows applicants to submit e-applications in a modern environment of touch devices, and students now have an electronic confirmation of study easily available with a qualified e-seal. Qualified signing and sealing simplifies official processes.



# Main topics in 2019

## 11 INFORMATION SYSTEMS AND IT SUPPORT

- **Information System of Masaryk University:** an electronic confirmation of study was launched.
- **Qualified electronic signing of documents:** 118,309 documents were signed directly in the IS MU in 2019.
- The technology for publishing **eDiplom** has been prepared.
- The coverage of the buildings of the Accommodation and Catering Services by a **wireless network** was successfully completed.
- MU became a **founding member** of the new **national research e-infrastructure e-INFRA CZ**, which was established as a consortium of the existing e-infrastructures CERIT-SC (MU), CESNET and IT4Innovations (TÚO).