Wellcome!

International Evaluation Panel 2025

Founding of the University
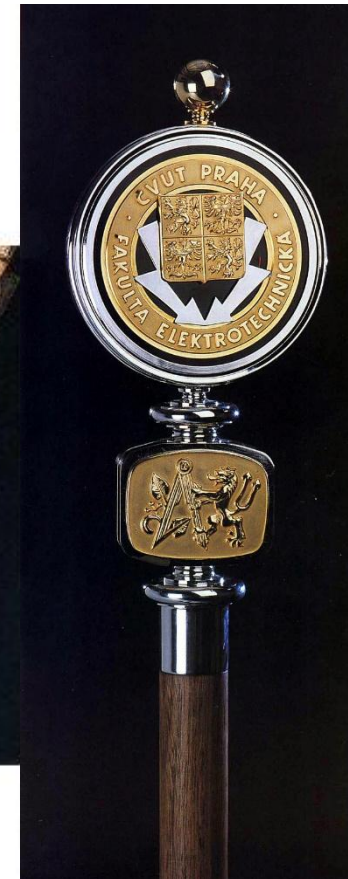

Christian Josef Willenberg
(1655 – 1731)

Rescript of the Emperor Joseph I from 1707

Insignia of the University

Unique research facilities of CTU

1. Regional Underground Research Centre JOSEF, the facility was repeatedly chosen as venues for training courses for young experts from all over the world by the International Atomic Energy Agency

http://ceg.fsv.cvut.cz

2. Training reactors, Open Access to Large Research Infrastructures

http://reactorvr1.eu/index_e.php

3. Tokamak GOLEM is a small-class tokamak of circular cross-section, which can be remotely operated via Internet access.

http://golem.fjfi.cvut.cz

Corovent – Photo from first deployment

Design
Public fundraising
Production
FDA Approval, CZ Approval
On-site training medical
personell
Deployment
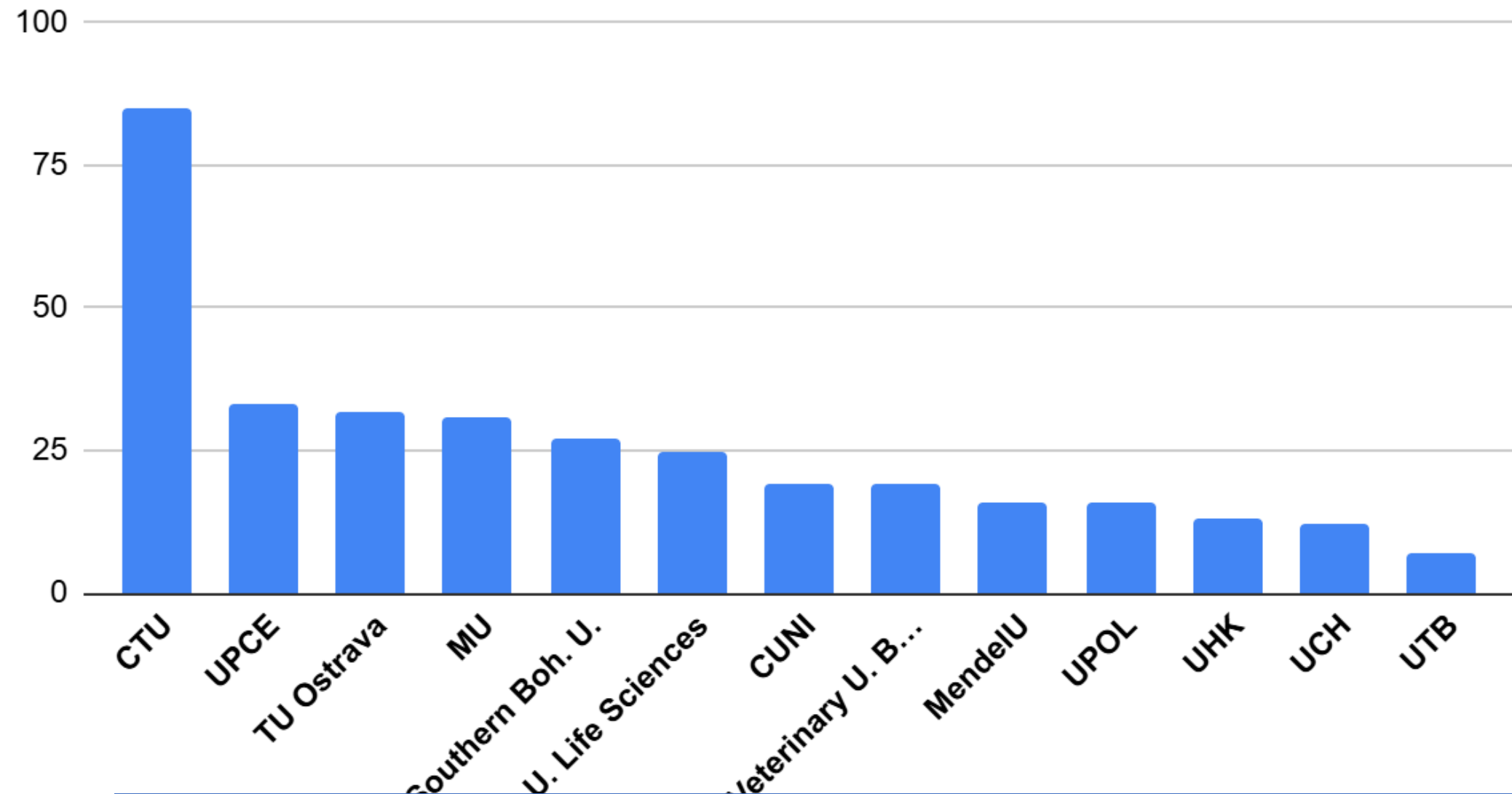
Intellectual property protection

- 213 active patents (by far the largest number in our country)
- Skoda Auto, a subsidy of Volkswagen, held the second place with 141 patents).
- CTU has a patent office, offering full service for inventors.
- CTU License fund helps to meet costs of patent fees.
- New inventions are reported by the inventors directly from their desks using our in-house information system (EZOP).

Open Science 2.0/Open Access

- Our **Data Stewardship Wizard** originally started as part of the ELIXIR CZ infrastructure services provided by the Czech Technical University (CTU).

- Evolved into a widely recognized and adopted tool for data management.

- Adopted by the entire European ELIXIR infrastructure

- ELIXIR Recommended Interoperability Service status.

CZECH
TECHNICAL
UNIVERSITY
IN PRAGUE

Quantum

- Leaders in CZ quantum
- Qubits provided by IBM
- Emerging, top urgent
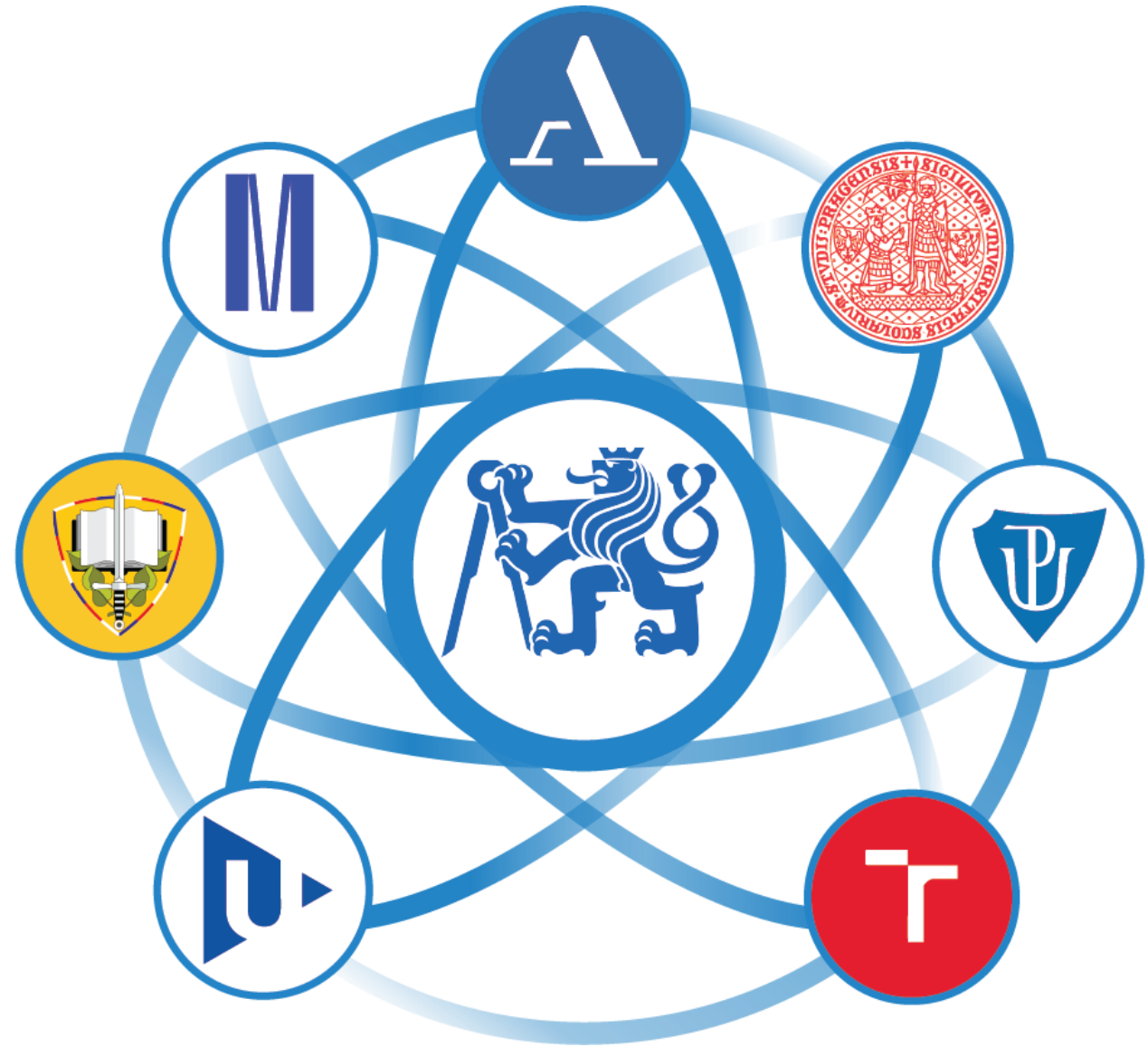
Science and HE share in CZ budget
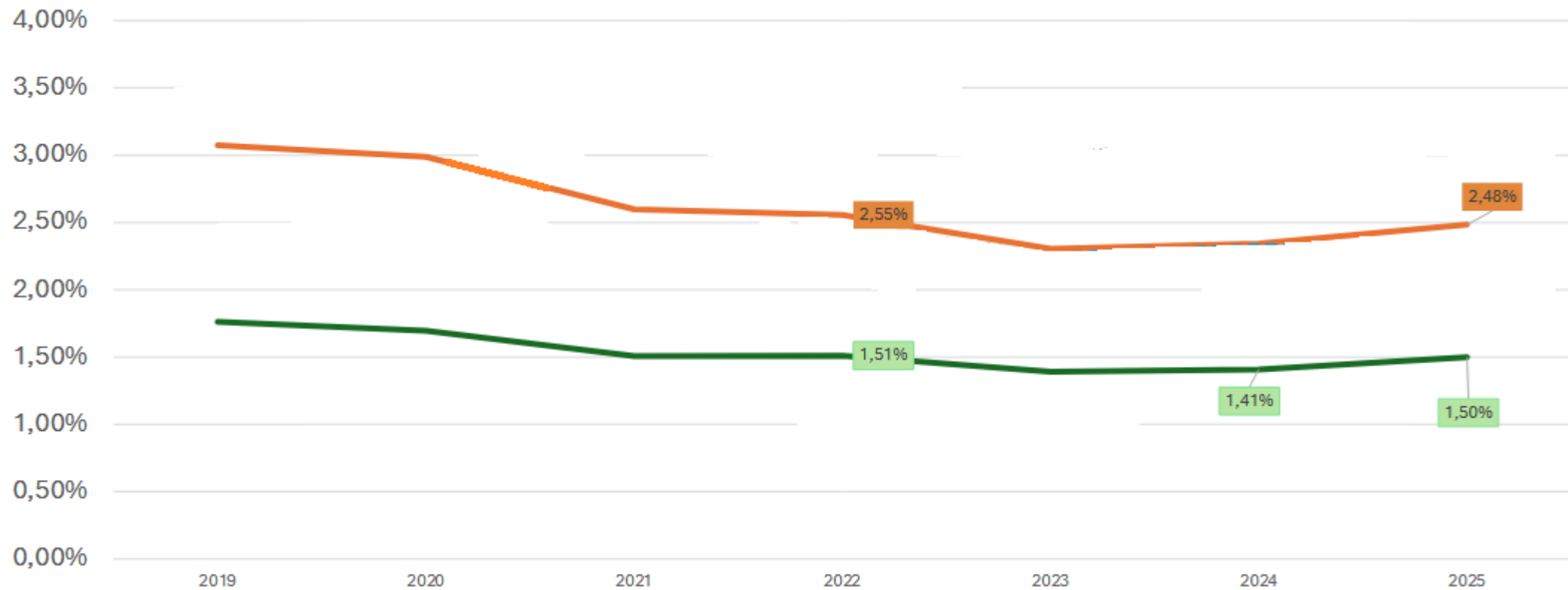
CTU - Breakup of revenues (simplified)
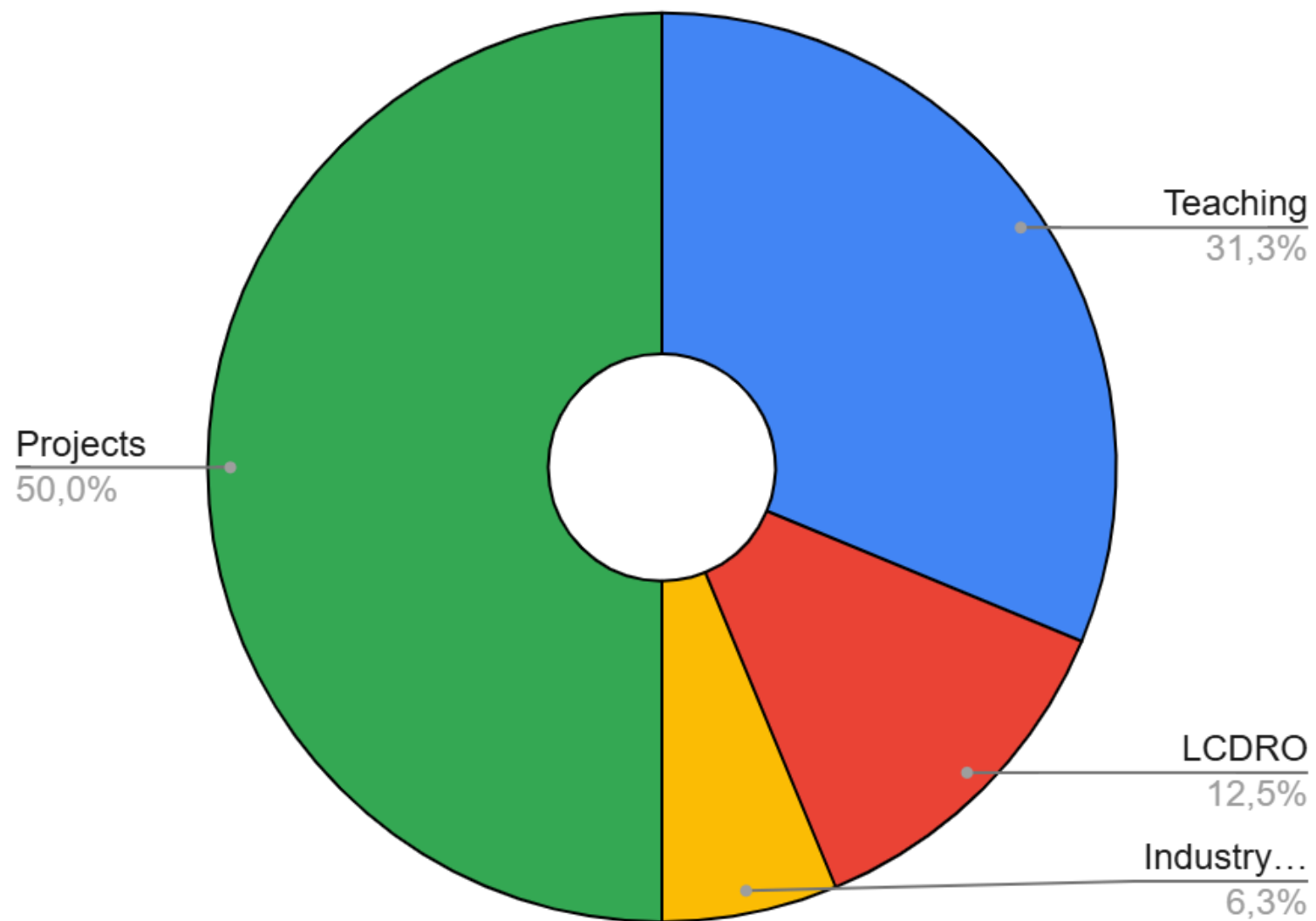
Security pillars of the university

To ensure effective protection of the academic community and infrastructure, CTU bases its security strategy on the following pillars:

1

Physical security
- Access system and monitoring of campus
- Protection of research laboratories and strategic facilities
- Security measures at public events

2

Crisis management
- Emergency plans for physical and digital threats
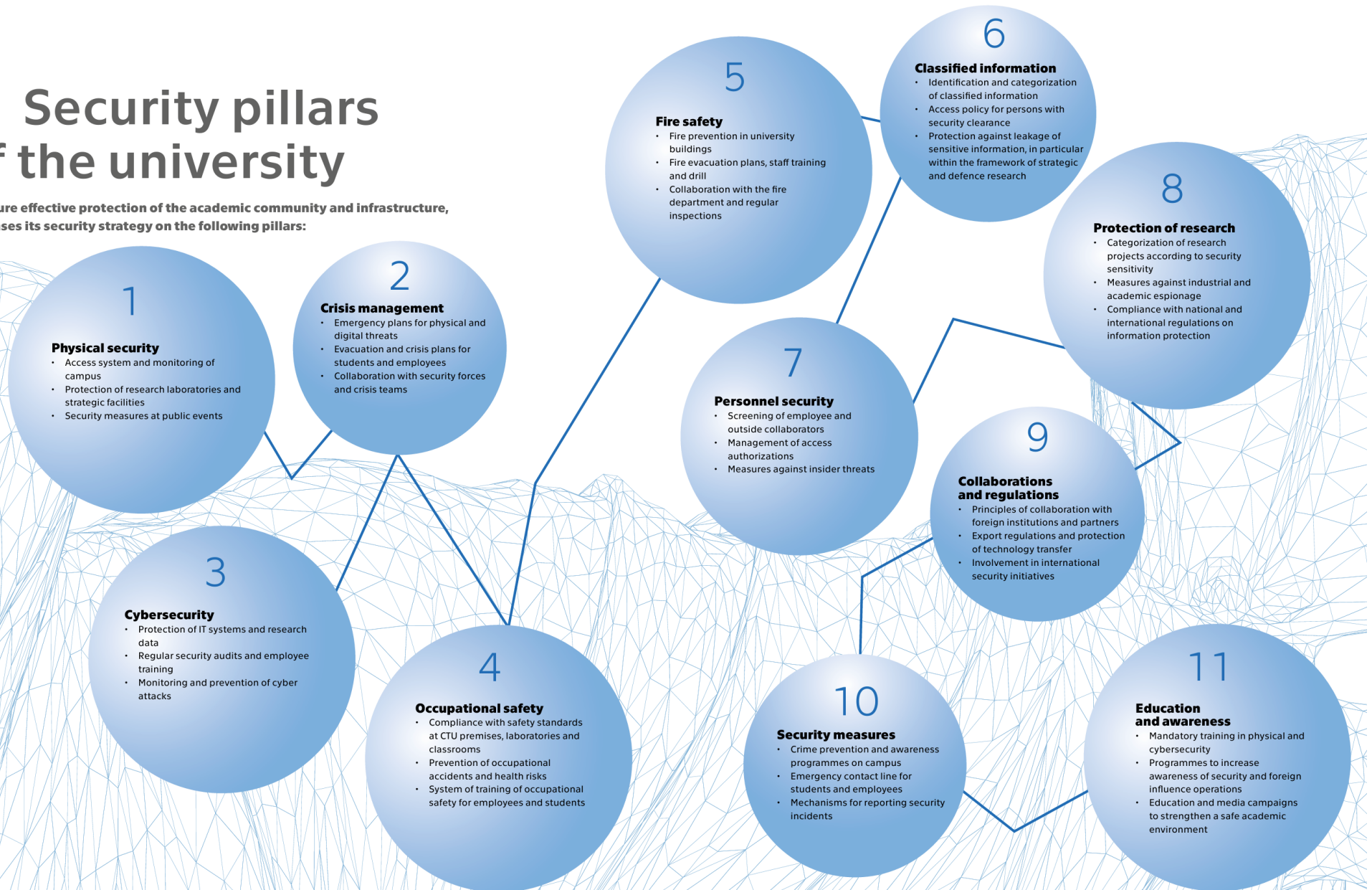- Evacuation and crisis plans for students and employees
- Collaboration with security forces and crisis teams

3

Cybersecurity
- Protection of IT systems and research data
- Regular security audits and employee training
- Monitoring and prevention of cyber attacks

4

Occupational safety
- Compliance with safety standards at CTU premises, laboratories and classrooms
- Prevention of occupational accidents and health risks
- System of training of occupational safety for employees and students

5

Fire safety
- Fire prevention in university buildings
- Fire evacuation plans, staff training and drill
- Collaboration with the fire department and regular inspections

6

Classified information
- Identification and categorization of classified information
- Access policy for persons with security clearance
- Protection against leakage of sensitive information, in particular within the framework of strategic and defence research

7

Personnel security
- Screening of employee and outside collaborators
- Management of access authorizations
- Measures against insider threats

8

Protection of research
- Categorization of research projects according to security sensitivity
- Measures against industrial and academic espionage
- Compliance with national and international regulations on information protection

9

Collaborations and regulations
- Principles of collaboration with foreign institutions and partners
- Export regulations and protection of technology transfer
- Involvement in international security initiatives

10

Security measures
- Crime prevention and awareness programmes on campus
- Emergency contact line for students and employees
- Mechanisms for reporting security incidents

11

Education and awareness
- Mandatory training in physical and cybersecurity
- Programmes to increase awareness of security and foreign influence operations
- Education and media campaigns to strengthen a safe academic environment

PhD programs accredited in English @ 8 Faculties and Klokner Institute

50 programs including
45 in English

1560 PhD students
Of these 65 in English

CZECH TECHNICAL UNIVERSITY IN PRAGUE

Where are our foreign students from

5.1.1 R&D&I capacities of HEI in the year of evaluation

Field of Research	FORD	FORD share [%]	Predominant type of research
1. Natural Sciences	1.1 Mathematics	4,4	Basic research
	1.2 Computer and information sciences	15,43	Balanced basic and applied research
	1.3 Physical sciences	12,2	Balanced basic and applied research
	1.4 Chemical sciences	1,46	Balanced basic and applied research
	1.5 Earth and related environmental	1,82	Balanced and applied

Recommendations 2020

- PhD – maximum allowed time shortened by one year (7 → 6)

- Habilitation criteria amended

- Sixty-one amendments to the existing Internal CTU Regulations, as well as eight new ones, have passed through the Senate and registered by MEYS.
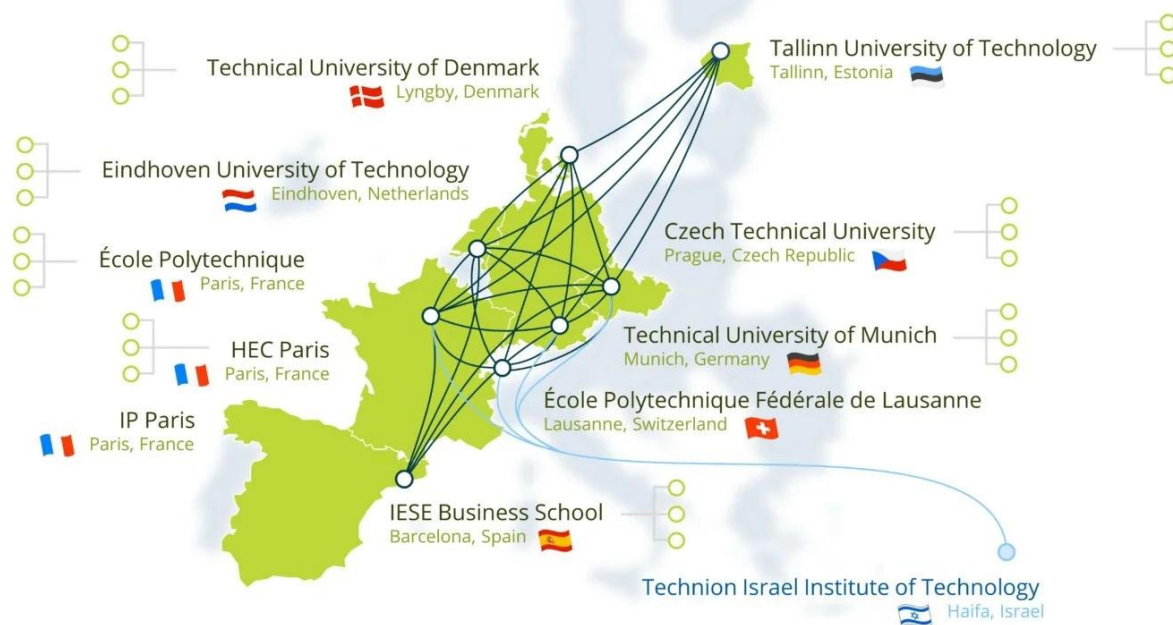
- Focusing on basic research – not much progress

EuroTeQ Engineering University
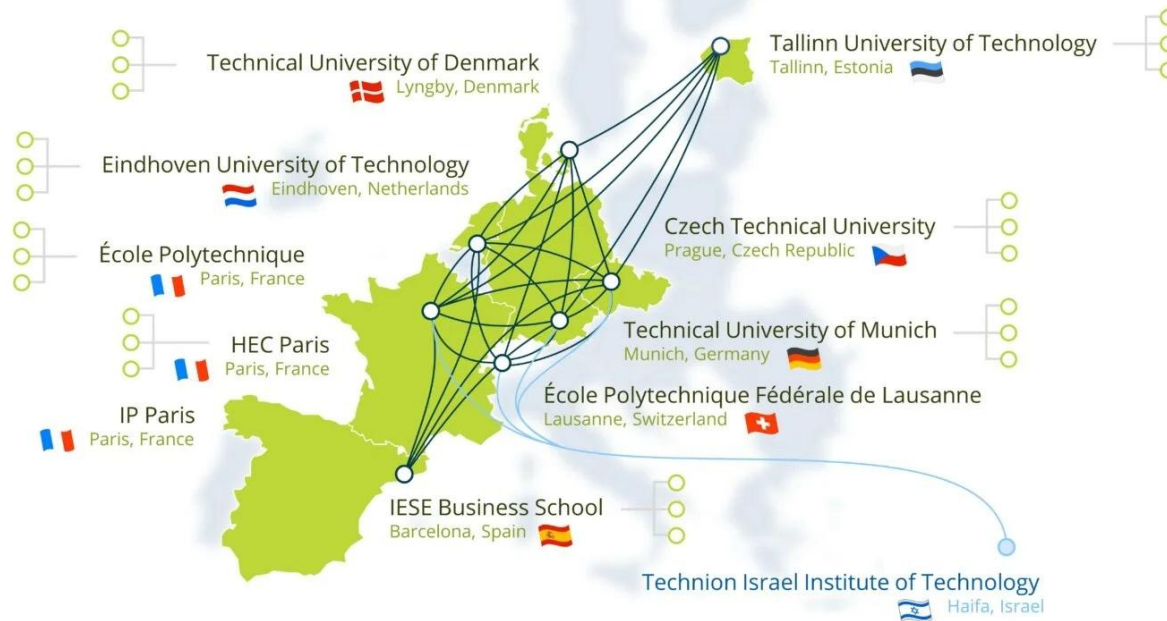
○ **45** associated partners

EuroTeQ & EuroTech