



**SZÉCHENYI
EGYETEM**
UNIVERSITY OF GYŐR
ALBERT KÁZMÉR
MOSONMAGYARÓVÁRI KAR

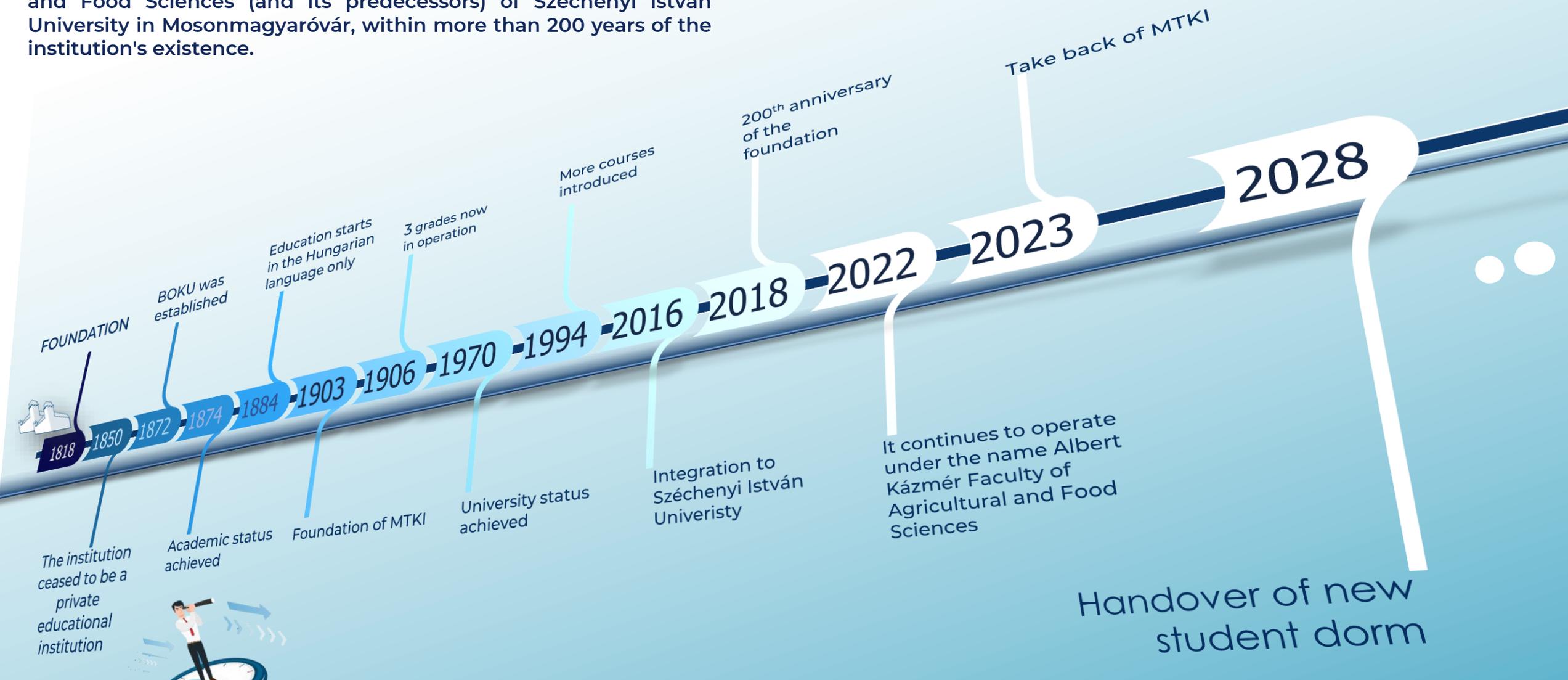


SZÉCHENYI ISTVÁN UNIVERSITY

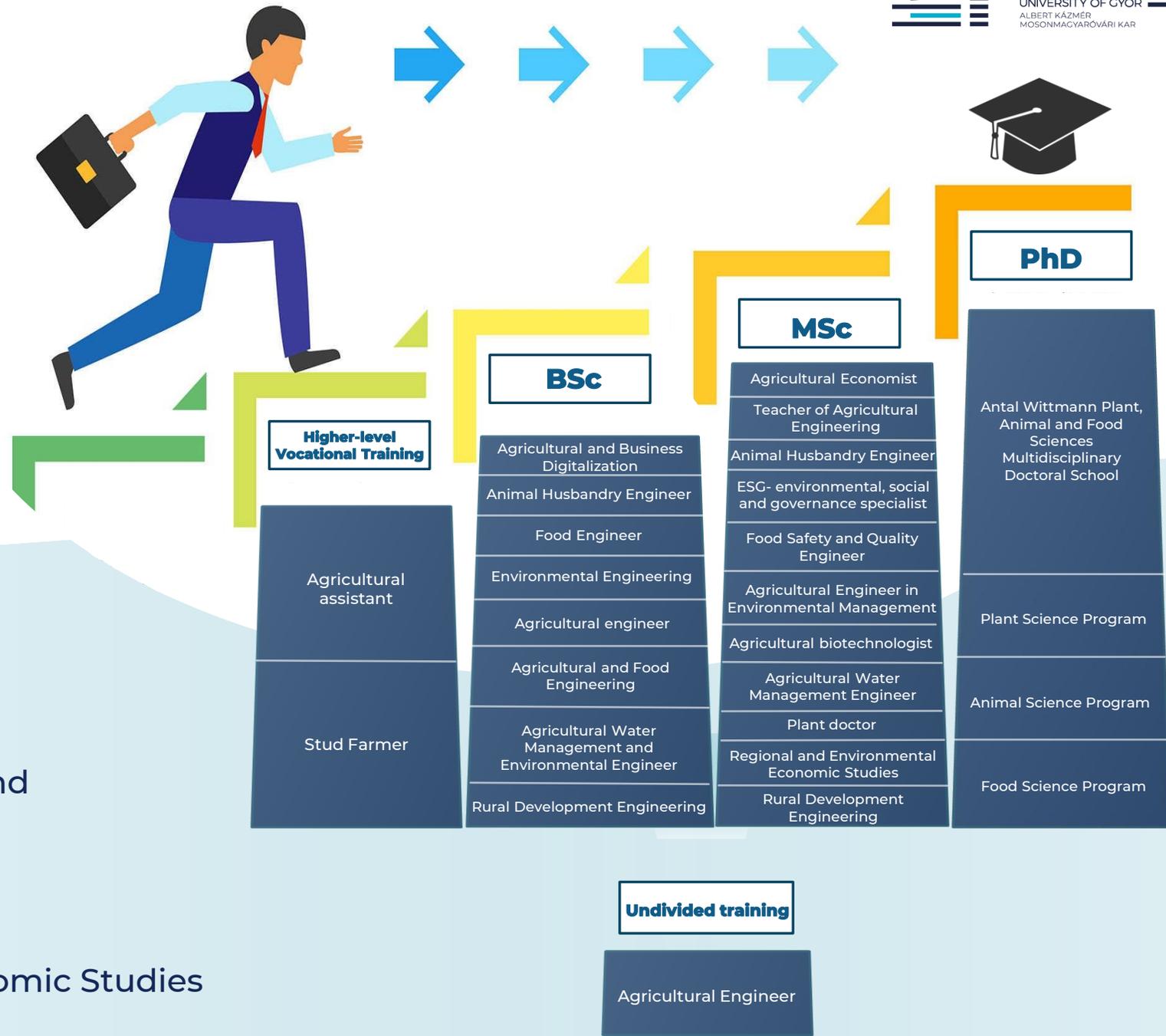
**ALBERT KÁZMÉR FACULTY OF
AGRICULTURAL AND
FOOD SCIENCES**

MILESTONES

The major achievements of Albert Kázmér Faculty of Agricultural and Food Sciences (and its predecessors) of Széchenyi István University in Mosonmagyaróvár, within more than 200 years of the institution's existence.



WE OFFER COURSES AT ALL LEVELS



Also in ENGLISH!:

- BSc Food Engineer
- BSc Agricultural Water Management and Environmental Engineer
- BSc Agricultural Engineer
Also in Dual training ↪
- Msc Regional and Environmental Economic Studies

10.000+

Graduated „Óvári gazdász”

1000+

Students

80+

International students

4

Study programs
in English

50

PhD students

21

Study programs
in Hungarian

OUR FACULTY

KEY FACTS

10+

Projects

10

Departments

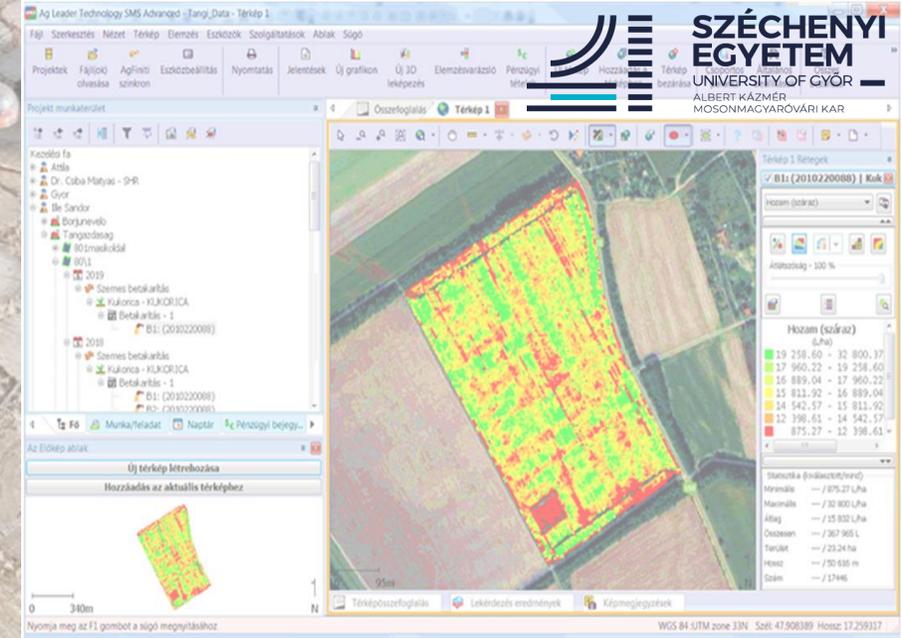
70+

Model farms

FIELD EXPERIMENTS (SMALL PLOT)

- › Plant nutrition
- › Winter wheat variety post-registration experiment
- › **Plant treatments with natural substances**
- › Precision crop production



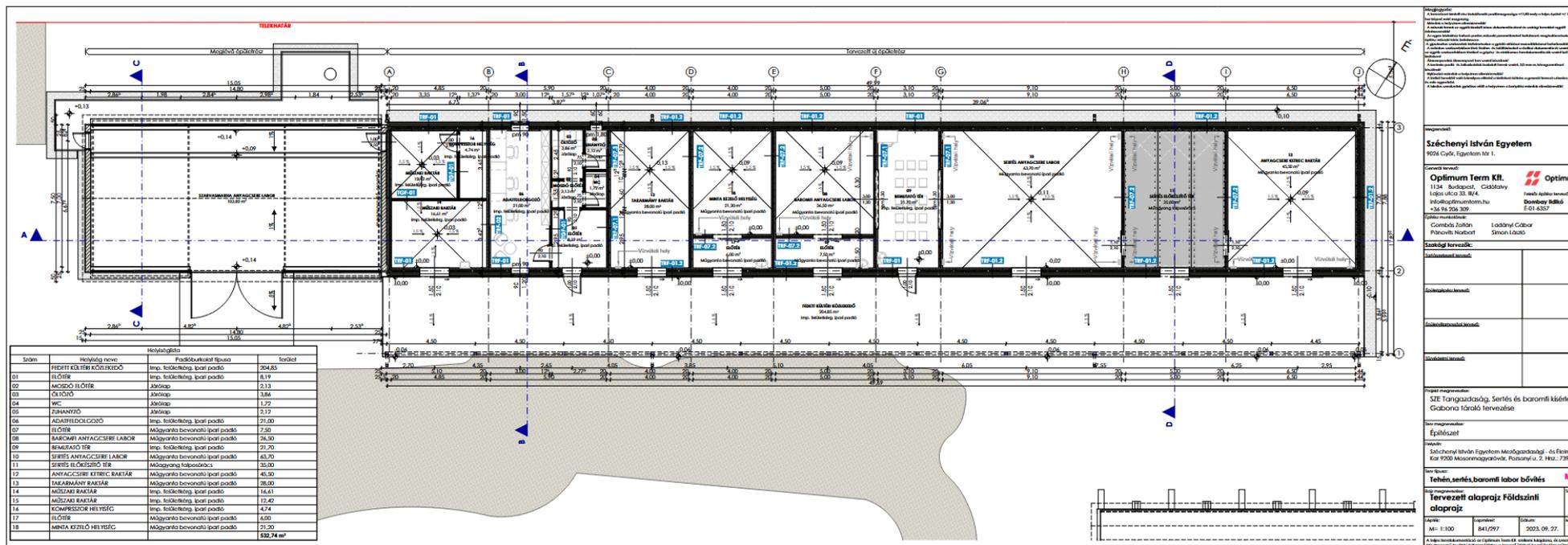


RESEARCH AREAS

- › UAVs (Drones)
- › Food unit operations
- › Remote sensing
- › Ag. robotics
- › Artificial intelligence
- › Agricultural digitalization
- › IoT and sensors
- › Big-data processing
- › Bio-reactor design

Floor area of the animal experimental laboratory

- Floor area: 533 m²
- Number of rooms: 18 (social facilities, metabolism laboratories, storage rooms)



Main technical parameters and facilities

- **Computer-controlled climate regulation and environmental monitoring („Exafan”)** with integrated farm supervision system including camera surveillance, climate control, and drinking water consumption monitoring („Okosfarm”).
- **„Agrilight” adjustable-intensity LED lighting system** for experimental modification of light intensity and lighting programs.
- **Poultry and swine metabolism laboratories** (individual feed intake measurement, feces/excreta collection and measurement, simulation of climatic conditions).
- **Individual pen-based swine research unit with GHG (greenhouse gas) measurement and artificial intelligence-based behavior monitoring.**







**THANK YOU
FOR YOUR KIND
ATTENTION!**