



ÓBUDAI EGYETEM
ÓBUDA UNIVERSITY

ÓE | 2023




ÓBUDAI EGYETEM
ÓBUDA UNIVERSITY




Founded
3 College

1969



Merge
3 College: Budapest Tech

2000



Founded
Óbuda University

2010

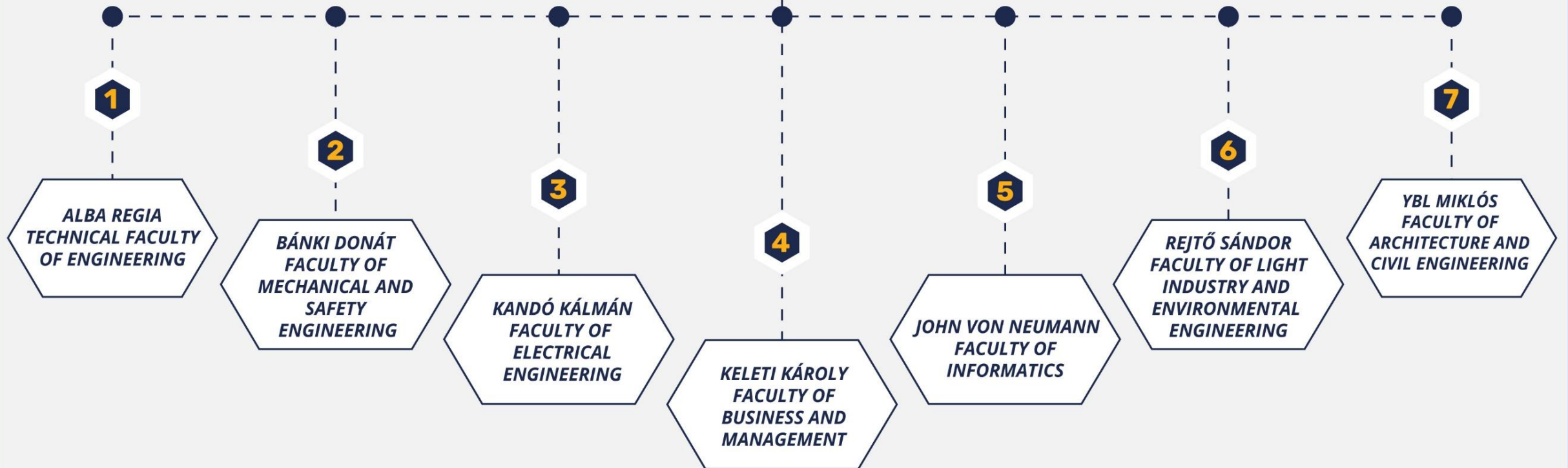


New Model

2021

Defining moments

ÓBUDA UNIVERSITY





Education



Innovation



*Scientific
Advice*



Research

Technology for people

Strategy 2022 – 2025

Three objectives

- We offer advanced and competitive engineering education — throughout life
- We develop technologies for sustainable change
- We assume leadership of the opportunities offered by digitalization

Locations

● **Campuses:**

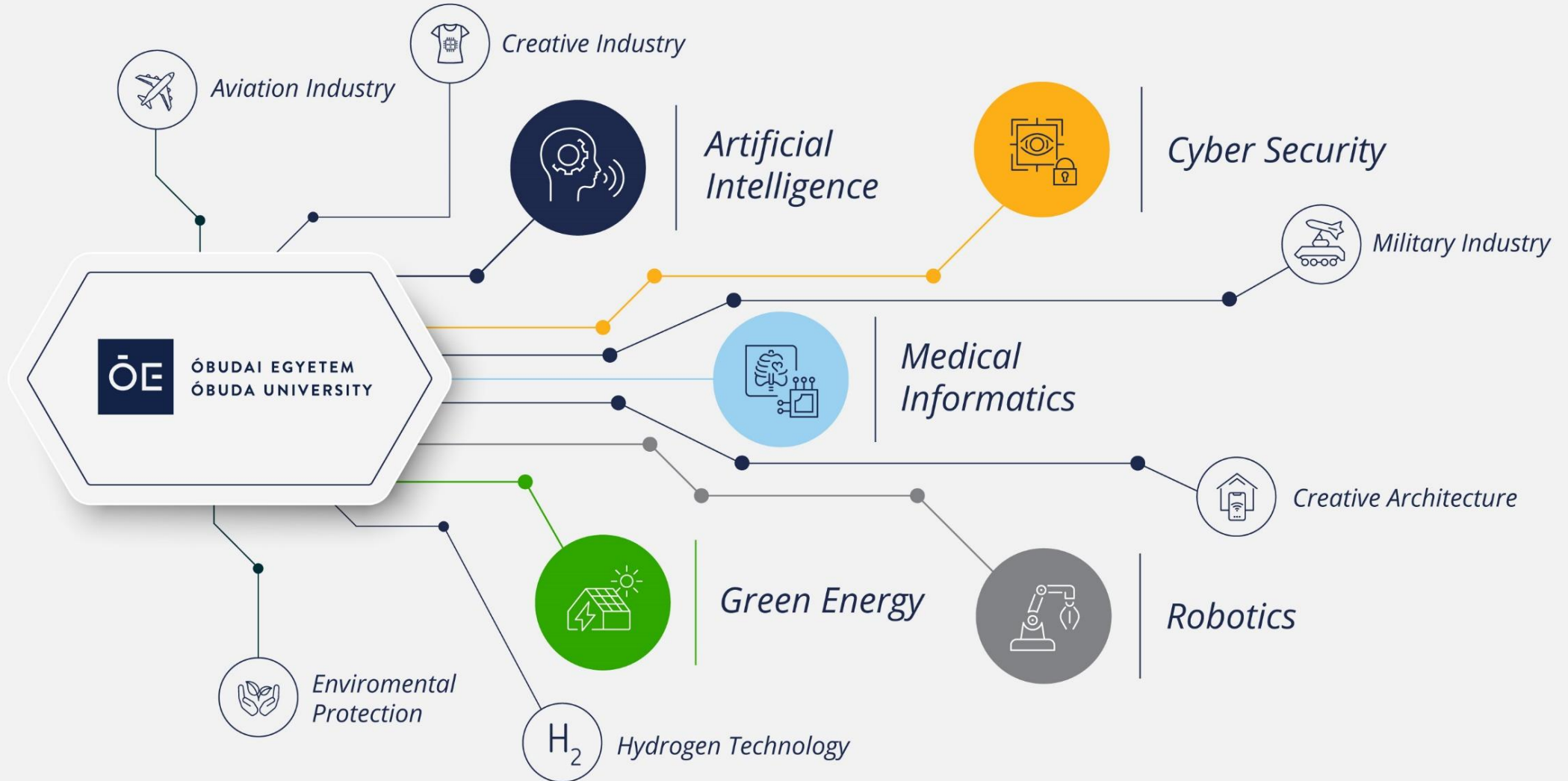
*Budapest
Székesfehérvár
Salgótarján*

● **Innovation Parks:**

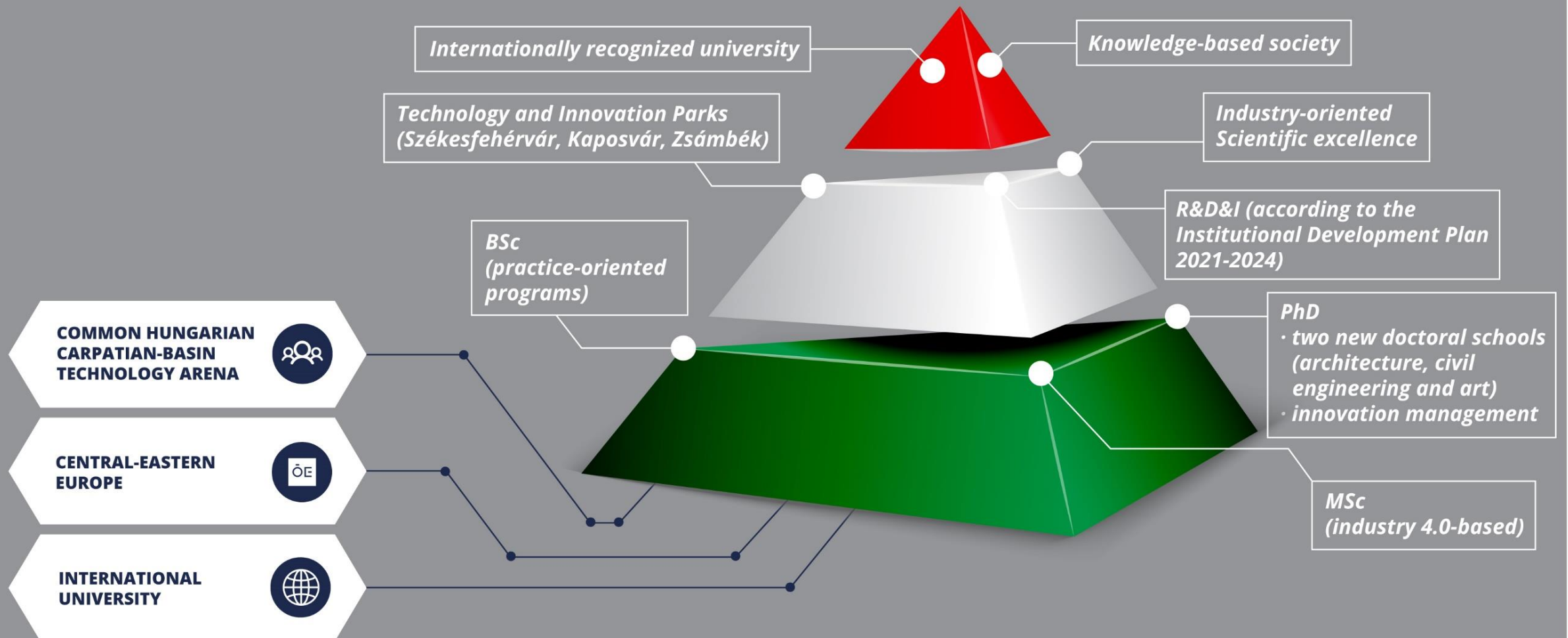
*Kaposvár
Székesfehérvár
Zsámbék*



FOCUS AREAS



DEVELOPMENT PYRAMID VISION OF ÓBUDA UNIVERSITY: A PROMINENT UNIVERSITY IN THE CENTRAL EUROPEAN REGION



Research



daVinci Research Kit

daVinci Research Kit

daVinci Research Kit



2,470
publications
(48,5 % Open Access)



**International
co-publication**



Top 10

**International
co-publication
countries**

More than **45%** of
publications by ÖU researchers
are co-published with
researchers from abroad

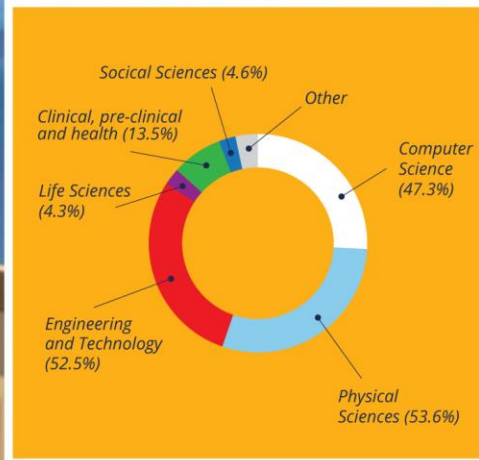
- Taiwan
- Slovakia
- Viet Nam
- Iran
- Serbia
- Hong Kong
- Romania
- China
- Germany
- United Kingdom



14,996
citation count
(2017-2022)

6,1
citations
per publication
(2017-2022)

33
h5-index
(2017-2022)



2022 cycle Times Higher Education

*Times Higher Education (THE)
World Ranking (WUR)*

1001-1200

*Times Higher Education
Young Universities*

301-350

*Times Higher Education
Computer Science*

501-600

*Times Higher Education
Engineering & technology*

601-800

*Times Higher Education
Physical science*

601-800

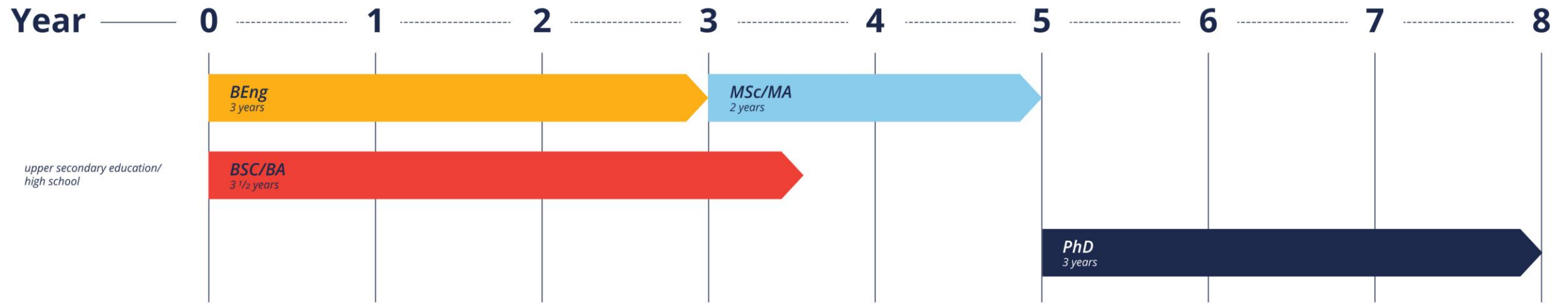
2023 cycle Times Higher Education

<i>Times Higher Education (THE) World University Ranking</i>	1001-1200
<i>Times Higher Education Young Universities</i>	301-350
<i>Times Higher Education Computer Science</i>	501-600
<i>Times Higher Education Engineering & technology</i>	601-800
<i>Times Higher Education Physical science</i>	601-800
<i>QS 2023 cycle</i>	1200-1400

Research facilities



Education



BSC/BA
17
programmes

BEng
1
programmes

MSc/MA
12
programmes

PhD
3
PhD schools

+

30
Specialized
training

11,503 students



From
72
countries



23%
woman
in our BEng, BSc
and MSc programmes

212 BEng
(Bachelor of Engineering)

8575 BSc/BA
(Bachelor of Science)

919 MSc/MA
(Master of Science)

813 International BSc and MSc
students

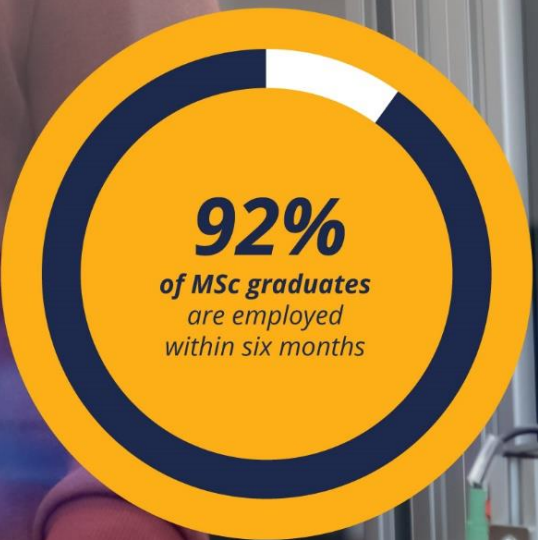
193 PhD students

Education

- in figures 2022



Employability





*Stimulates individual
and collaborative learning*



*Hands-on access to
world-class research facilities*



*Study environments
which support*

- *learning*
- *innovation*
- *research*

Lifelong learning

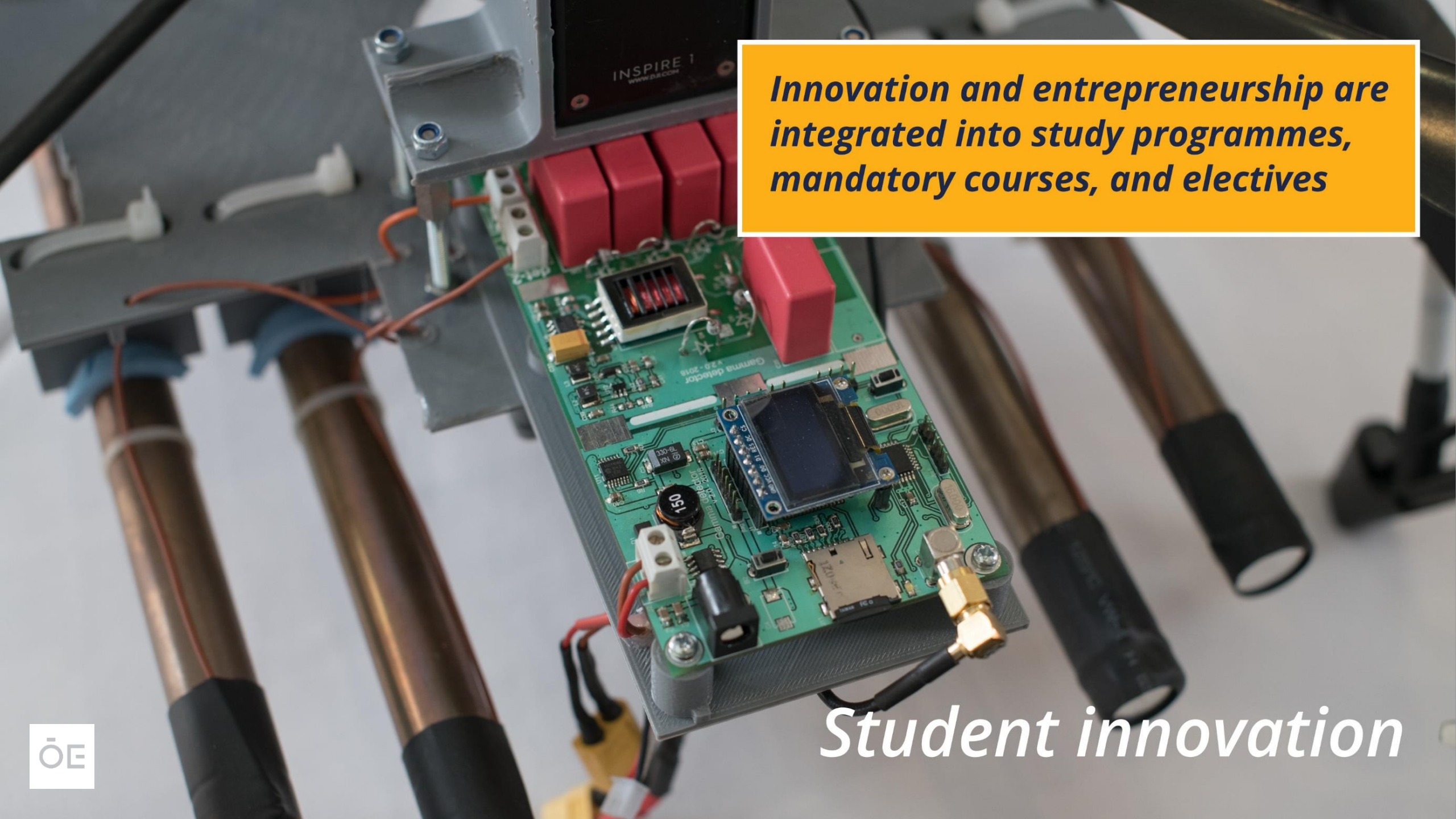


Continuing education

- *Diploma—part-time*
- *Master—part-time*
- *Online courses*
- *Short courses*
- *Open education*

Innovation and entrepreneurship

- *Student innovation*
- *Business collaboration*
- *Start-ups*
- *Commercialization*



Innovation and entrepreneurship are integrated into study programmes, mandatory courses, and electives

Student innovation



Collaboration with industry



Commercialization



ÖE

A-bot
ARIADNÉ
VAKVEZETŐ RENDSZER



Installed in Etele plaza (Budapest)



MASSVENTIL PROJECT

massventil.org



Logos include: OE ÓBUDAI EGYETEM ÓBUDA UNIVERSITY, INNOVÁCIÓS ÉS TECHNIKAI MINISZTERIUM, FELADATUNK A JÖVŐ, MEDICOR, Schneider Electric, FULLenergy, GANZ KK, WORLDQUINT, market, craftbot, dda, med, CEU, INNOVATION LAB, PROGRESSIVE, LEAX HUNGARY, IVODIX, PRONAXYS, RUGÓGYÁRTÁS, VACSTURPÉNT, Be sure, testo, SMC, FUTURE LIFE FOUNDATION, acmit, Bolt, IKUT Alapítvány, and the European Union flag.

Commercialization
Massventil system (massventil.org)



Global outreach



210
exchange
agreements

Top 10 exchange partners

TO ÓU

- Germany
- France
- Turkey
- Spain
- Portugal
- The Netherlands
- Poland
- Kazakhstan
- Brazil
- Japan

FROM ÓU

- Portugal
- The Netherlands
- Spain
- Finland
- Germany
- Italy
- Norwegia
- Belgium
- Turkey
- Austria

in 2022

550

*international students
came to ÓU*

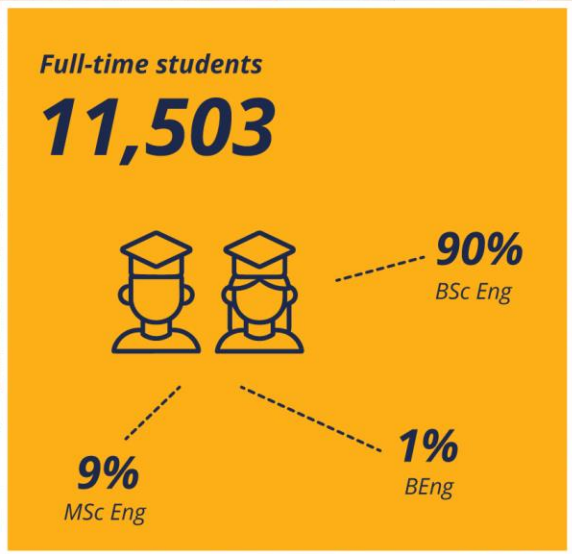
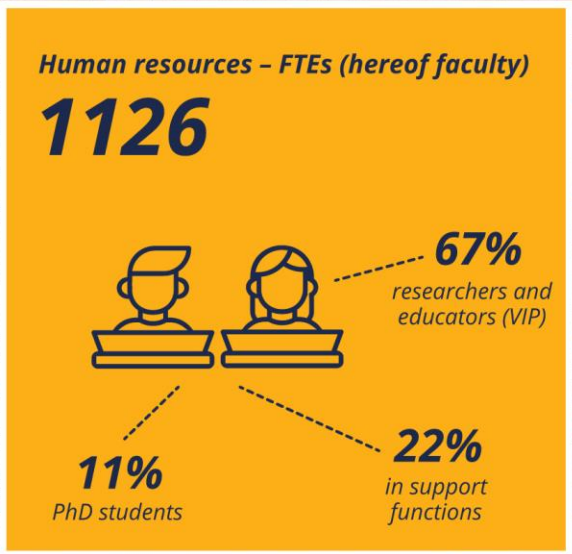


103

*ÓU students
went abroad*



Staff and students



SZÉKESFEHÉRVÁR MECHATRONICS TIP

INDUSTRY RESEARCH

ÖE ÓBUDAI EGYETEM
ÓBUDA UNIVERSITY

AMK EKIK NIK
KVK BGK YBL

5G NETWORK
SMART BUILDINGS
VIRTUALIZATION

DIGITAL TWIN

EXPERIMENTAL DEVELOPMENTS

Technology Center Székesfehérvár

Ipar 4.0 – Science (adventure) Center
Industrial Process Sample Laboratory
Education Center Tech Transfer Center
Prototyping Lab Service Center
Börgönd Aviation Industry Center



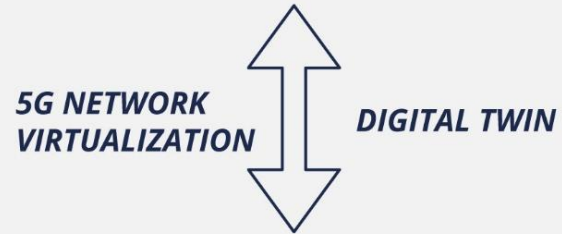
KAPOSVÁR SMART INDUSTRY TIP

INDUSTRY RESEARCH

ÖE ÓBUDAI EGYETEM
ÓBUDA UNIVERSITY

BGK YBL RKK

KVK NIK



EXPERIMENTAL DEVELOPMENTS

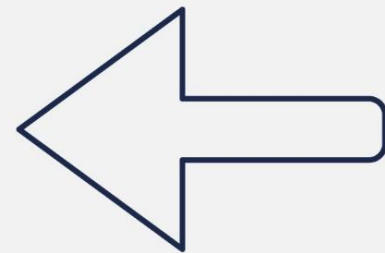
Kaposvár Innovation Hall

Education Center

Tech Transfer Center

Industry 4.0
SMART Visitor Center

Prototyping Hall



ZSÁMBÉK INDUSTRIES OF THE FUTURE TIP

INDUSTRY RESEARCH

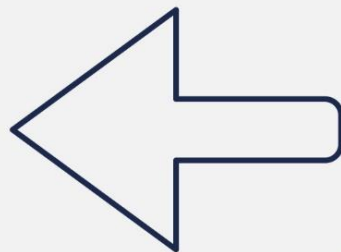
ÖE ÓBUDAI EGYETEM
ÓBUDA UNIVERSITY

NIK EKIK YBL
KVK BGK RKK

5G NETWORK
SMART BUILDINGS
VIRTUALIZATION



DIGITAL TWIN



EXPERIMENTAL DEVELOPMENTS

Technology Center Zsámbék

IT „Disneyland” – Science (adventure) Center

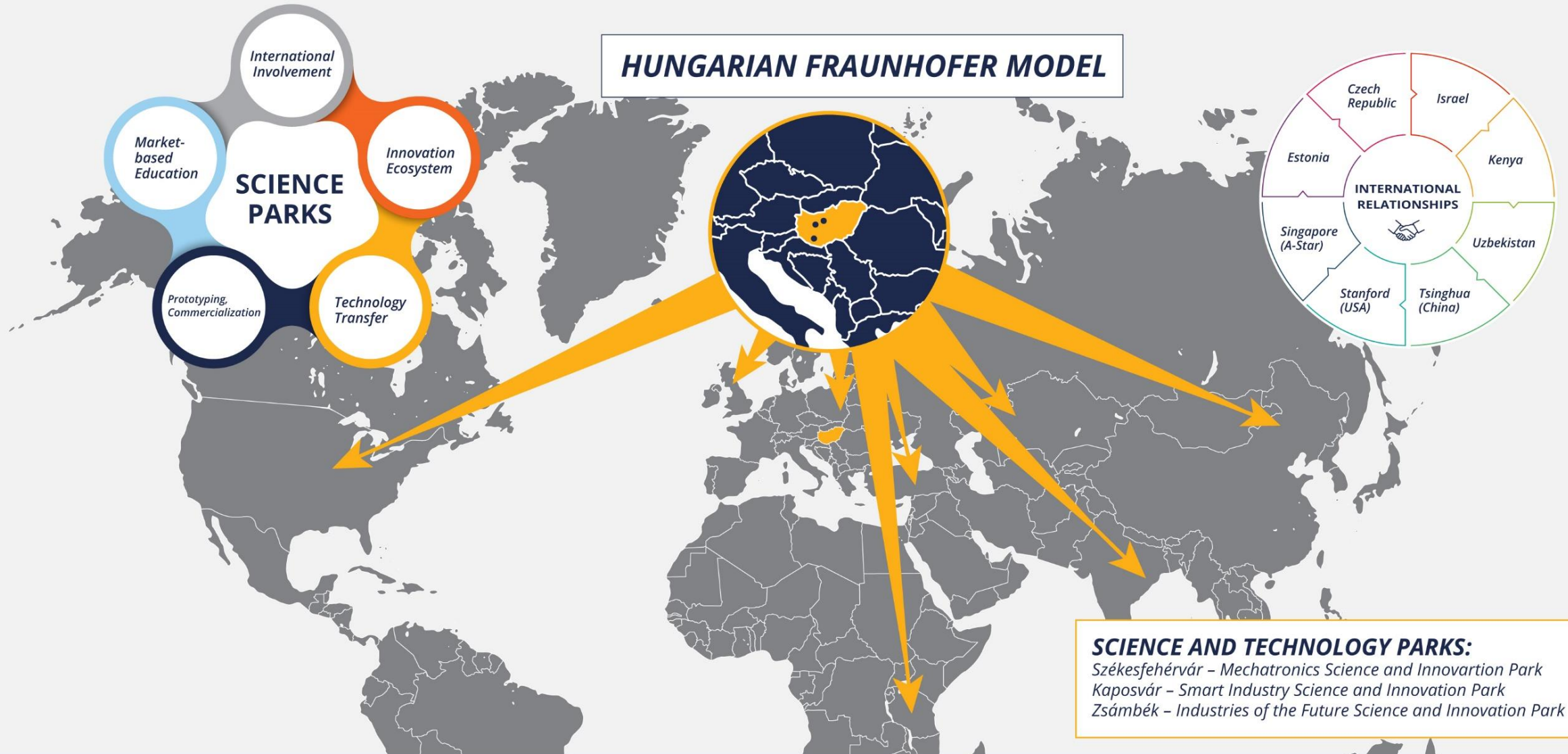
Education Center Cyber SOC & Range

Prototyping Hall Tech Transfer Center

International Center (IASP) Service Center



HUNGARIAN FRAUNHOFER MODEL





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www.uni-obuda.hu

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