



SZENT ISTVÁN
UNIVERSITY



Innovation and strategic development at Szent István University

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Innovative higher education - regional development and networks

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Szent Istvan University: a „bird view”





Szent Istvan University: a „bird view”

- **Number of faculties: 8**
- **Number of students: 15,000**
(including students in the correspondence and distance-learning trainings)
- **Number of international students: 1,400**
- **Number of PhD students: 450**
- **Number of academic staff: 1,000**
(professors + associate professors, assistant professors, research fellows etc.)
- **Number of staff: 1,900**
- **Languages of the courses: Hungarian, English,**



Cooperation of 8 Faculties

Ybl Miklós Faculty of Architecture and Civil Engineering (**Budapest**)

Faculty of Agricultural and Environmental Sciences (**Gödöllő**)

Faculty of Mechanical Engineering (**Gödöllő**)

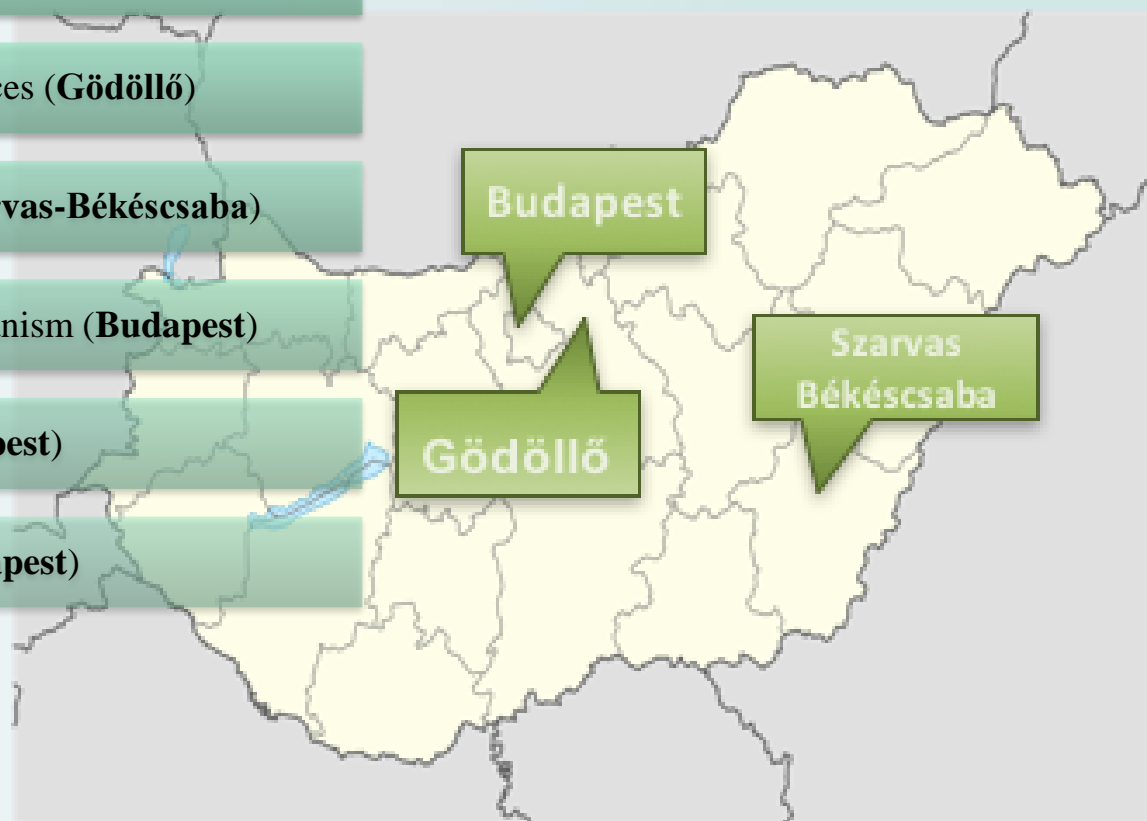
Faculty of Economics and Social Sciences (**Gödöllő**)

Faculty of Economics and Agriculture (**Szarvas-Békéscsaba**)

Faculty of Landscape Architecture and Urbanism (**Budapest**)

Faculty of Horticulture (**Budapest**)

Faculty of Food Sciences (**Budapest**)





Strategic areas

Innovation as a horizontal issue

Innovation

Teaching and research of food source
production

Food quality and safety

Water as strategic resource

Protection and sustainability of nature and
the environment

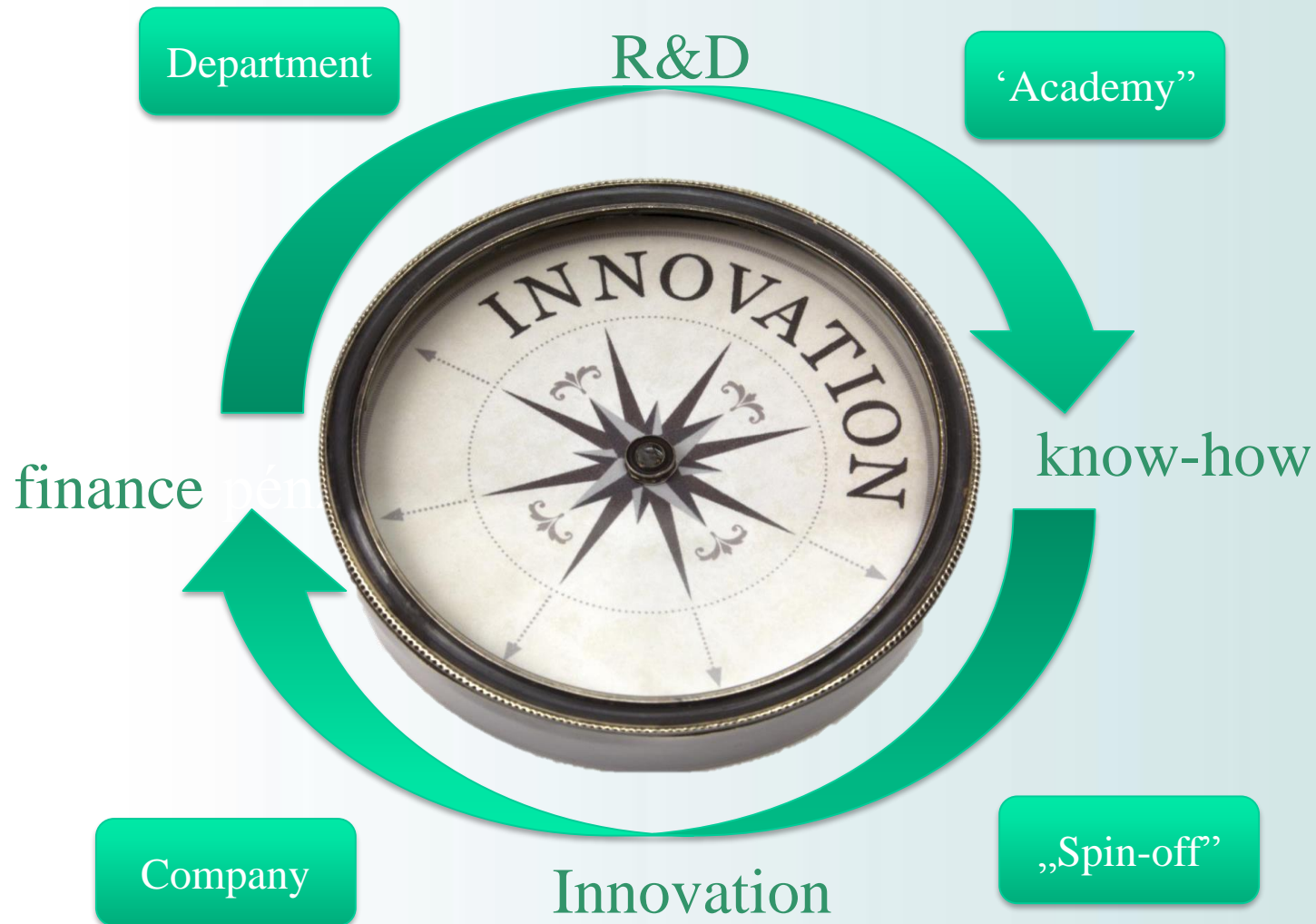
Energy security

Architecture in agricultural sector

Technologies, IT in Agriculture



Innovation – as we see it





Case 1 : Green Industry Innovation

Program design was supported by strong communication

- *government, scientific organizations, civil society, Academy of Science*

Two main areas supported:

Sub-program 1: Reduced production of waste and emissions to air, water and ground

- ✓ waste management and environmental remediation;
- ✓ water quality management;
- ✓ air quality.

Sub-program 2: More use of environmentally friendly technologies such as

- ✓ nano-, photo-, and biotechnology, materials, others

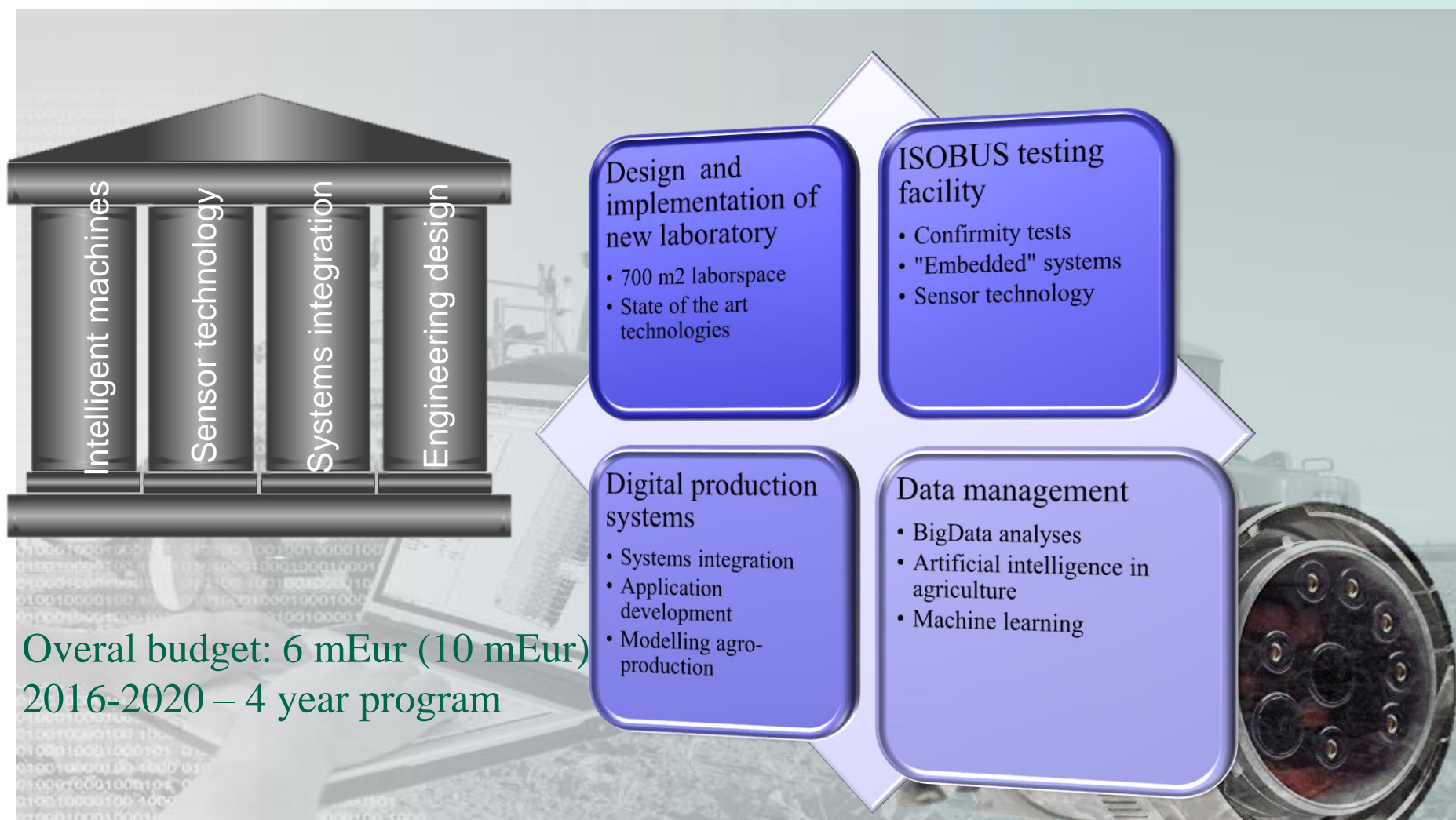
Project size: minimum 170.000 € - maximum 1.600.000 €.

Projects: 37 projects with 27 mEUR total budget (2 calls, over 50 % partnership projects)

Donor program partner: Innovation Norway



CASE 2: AgIT – University/Industry cooperation center





In partnership for AgIT

Leading partner: Szent István University

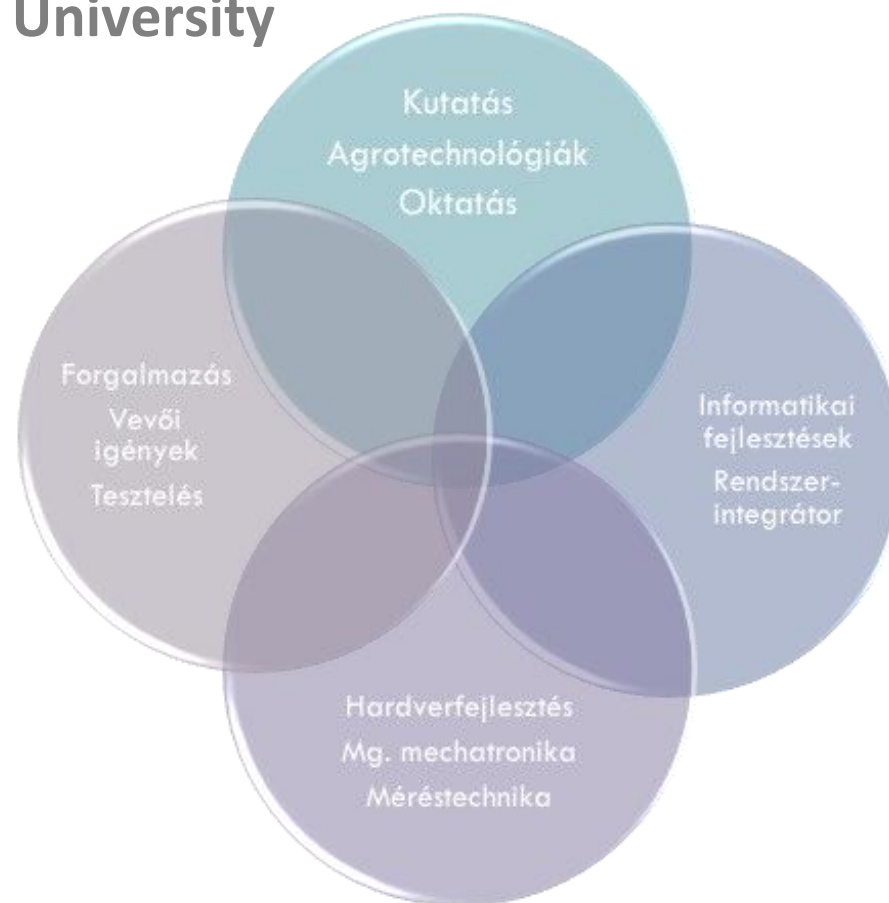
Partners:

SKC-Consulting Ltd.

ENERGOTEST Ltd.

Axiál Ltd.

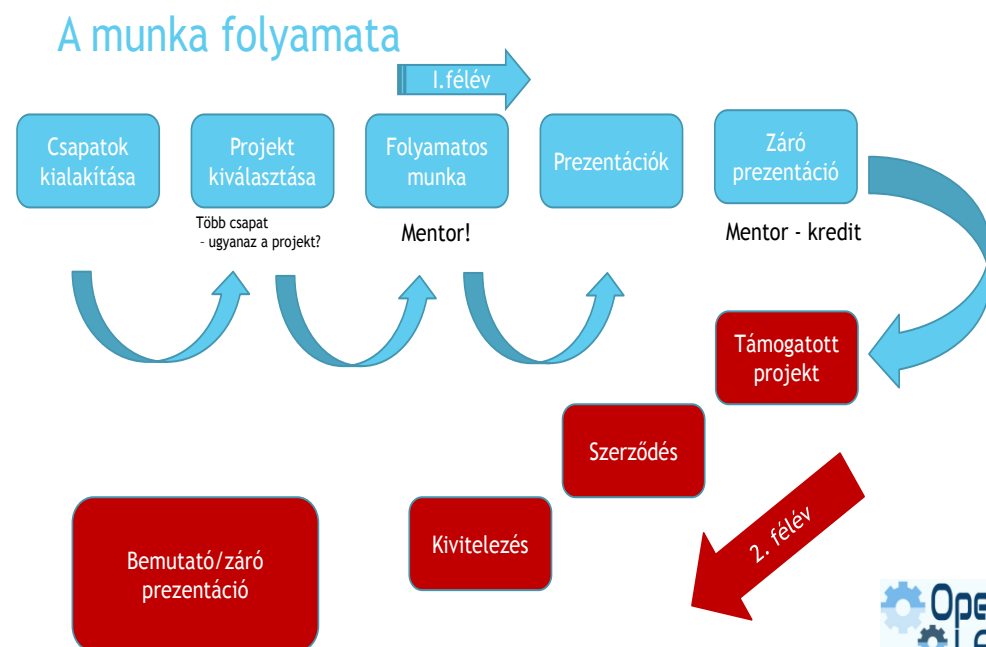
ASSECO Central Europe Inc..





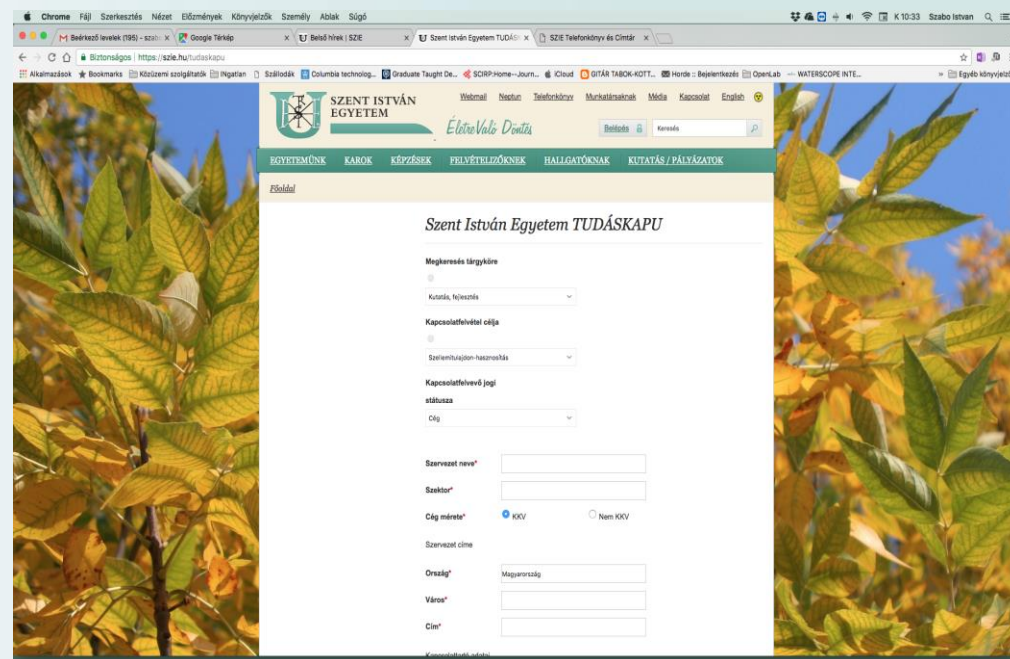
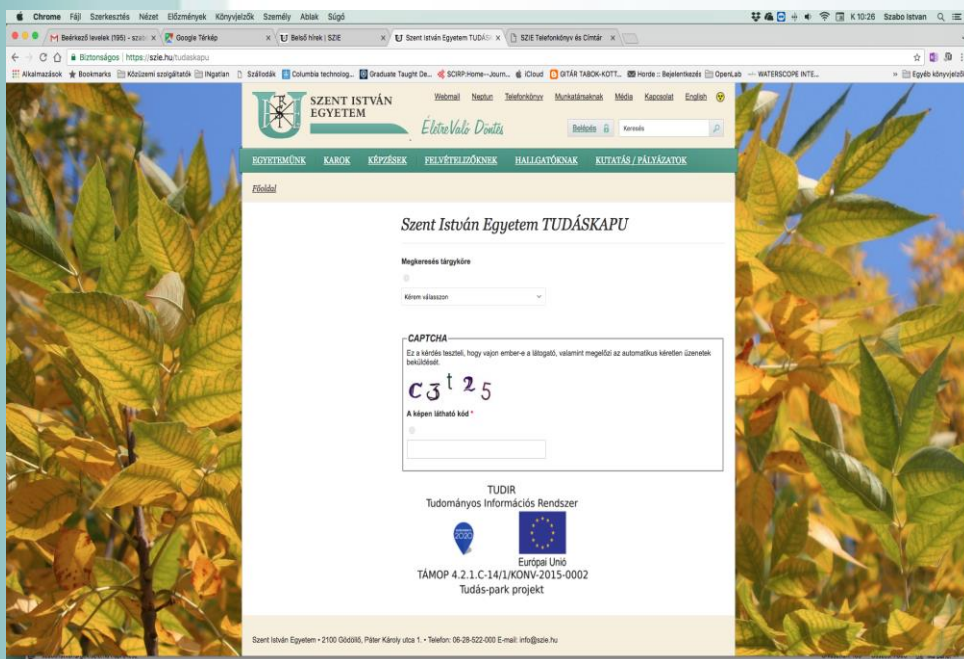
Case 3.: OpenLab initiative

- To enhance entrepreneurship and practice orientation
- 2 semester long project (for credits)
- Teamwork (students from different faculties involved)
- Mentoring system
- Projects from:
 - Company
 - University
 - Students
- IPR agreements





Case 4: Tudaskapu (KnowledgeGate)



- Direct access for companies
 - R&D projects, ideas
 - Study & training
 - Reduce „distance”



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THANK YOU FOR YOUR ATTENTION!

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