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VISION OF SCIENCE, TECHNOLOGY, AND INNOVATION AT ÓBUDA UNIVERSITY (2016-2020)

PRO SCIENTIA & FUTURO



Vision and mission

- ◆ Óbuda University: **role-model of practice-oriented higher education** in Hungary,
- ◆ close and fruitful relationship with the actors in the labor market,
- ◆ productive partnerships, successful market products, well-established business enterprises, high degree of readiness for industrial needs.



Plan for the future

- ◆ If the university wants to reflect labor market needs, and wants to be the decisive market player in the future, it is essential to **strengthen teachers' capacity to innovate** and follow an entrepreneurial approach.
- ◆ A dynamic eco-system must be created within the walls of the university, a research atmosphere that is **both inspiring and ready to translation into practical application**.
- ◆ To do so, we are initializing several new programs at the same time, **to realize a higher level of integration of education, research, and services**.



Elements of the incentive system

Proposal of vice-rector responsible for research, under discussion

1. **Founding excellent science**
complementary financing, Hungarian Scientific Research Fund
2. **Incubating new basic research teams**
temporary, partial financing for up to 2 years
3. **Honoring academic degrees**
excess funds to the faculty/successful Ph.D. or D.Sc. procedure
4. **Encouraging publication**
extra funds according to publishing performance of three years
5. **Supporting youth jobs**
support students (BSc, MSc, PhD), scholarship program, faculty recruitment
6. **Challenging innovators in-house**
innovation calls
7. **Matching funds for direct industrial contracts**
excess fund after direct industrial revenues



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Thank you for attention!





1. Founding excellent science

- ◆ Winning Hungarian Scientific Research Fund-like applications reflects – to a certain extent – the national scientific reputation of our community.
- ◆ Therefore the university's primary interest is a good performance at the OTKA-like tenders.
- ◆ To boost this activity, the Hungarian Scientific Research Fund awarded tenders will be complemented by 50% of the amount gained in the current year.



2. Incubating new basic research teams

- ◆ To initiate new fields of research we support units, the so-called “knowledge center incubators”, with a temporary, partial financing for up to 2 years.
- ◆ New knowledge center can only be created, if the need for such a new organizational unit is justified in an evidence-based manner.
- ◆ Each incubator should have a “business plan”, which includes the planned activities, targets and promised results, a human resource plan, cost requirements, own resources to be acquired, including how they imagine their finances in a two years horizon.



3. Honoring academic degrees

- ◆ We want to support the scientific development of our own academic staff.
- ◆ Therefore we allocate excess funds to the faculty / department after each successful Ph.D. or D.Sc. degree procedure.
- ◆ To be eligible, the employee must be employed full-time for at least one full calendar year preceding the date of the title defense.



4. Encouraging publication

- ◆ We allocate funds according to the average publishing performance of three preceding years. The library provides the basic data querying MTMT.
- ◆ During the scoring only publications in the following categories are considered: articles with impact factor, foreign-language journal articles, conference papers in foreign language, foreign language books or book chapters.
- ◆ Hungarian-language articles, conference papers or books, or any other non-scholarly publications do not count, they are part of the normal and expected activity of the constituent university citizens.



5. Supporting youth jobs

- ◆ Part-time application of students and doctoral students is subsidized by the university. The aid is spent for actual working months, it is a fixed amount that is equal to the prevailing minimum wage and related charges.
- ◆ We give support for young entrants. The subjects of the support are the full-time school leavers, whose first job after graduation is Óbuda University. To be eligible, the young should work for at least two years at the institution.



6. Challenging innovators in-house

- ◆ The aim is to support R&D&I of new activities that have an added value from the point of view of external assessment (image) of Óbuda University.
- ◆ It is a particular objective to create a research infrastructure that is presentable for our guest, i.e. having a marketing value.
- ◆ The innovation calls and also the proposals will be publicly available on the intranet, that will help in knowing each others' research areas.



7. Matching funds for direct industrial contracts

- ◆ We give a 20% matching fund after direct industrial / corporate revenue.
- ◆ Contracts financed by EU project resources, its sub-contracting, and study-writing does not belong to this category, regardless of the legal status of the customer.
- ◆ Corporate “revenue” realized at the university is the net value added (i.e. all types of procurement and subcontracting free allowance).