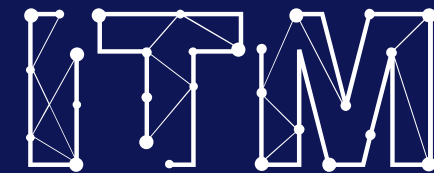


Budapest, April 12, 2022



INNOVATION AT WORK

Hungarian Research and Innovation Ecosystem

László Korányi

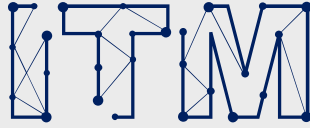
Senior Advisor

Deputy State Secretariat for Innovation



MINISTRY FOR
INNOVATION AND TECHNOLOGY

Main Goals of the Research and Innovation Strategy (2021-2030)



Knowledge Generation

- Ensure the supply of new researchers
- Making STEM attractive in education
- Practice-oriented higher education
- Stimulate scientific excellence
- Introduction of co-operative PhD programs
- University/Research institute & industry coop.
- Increase research funding

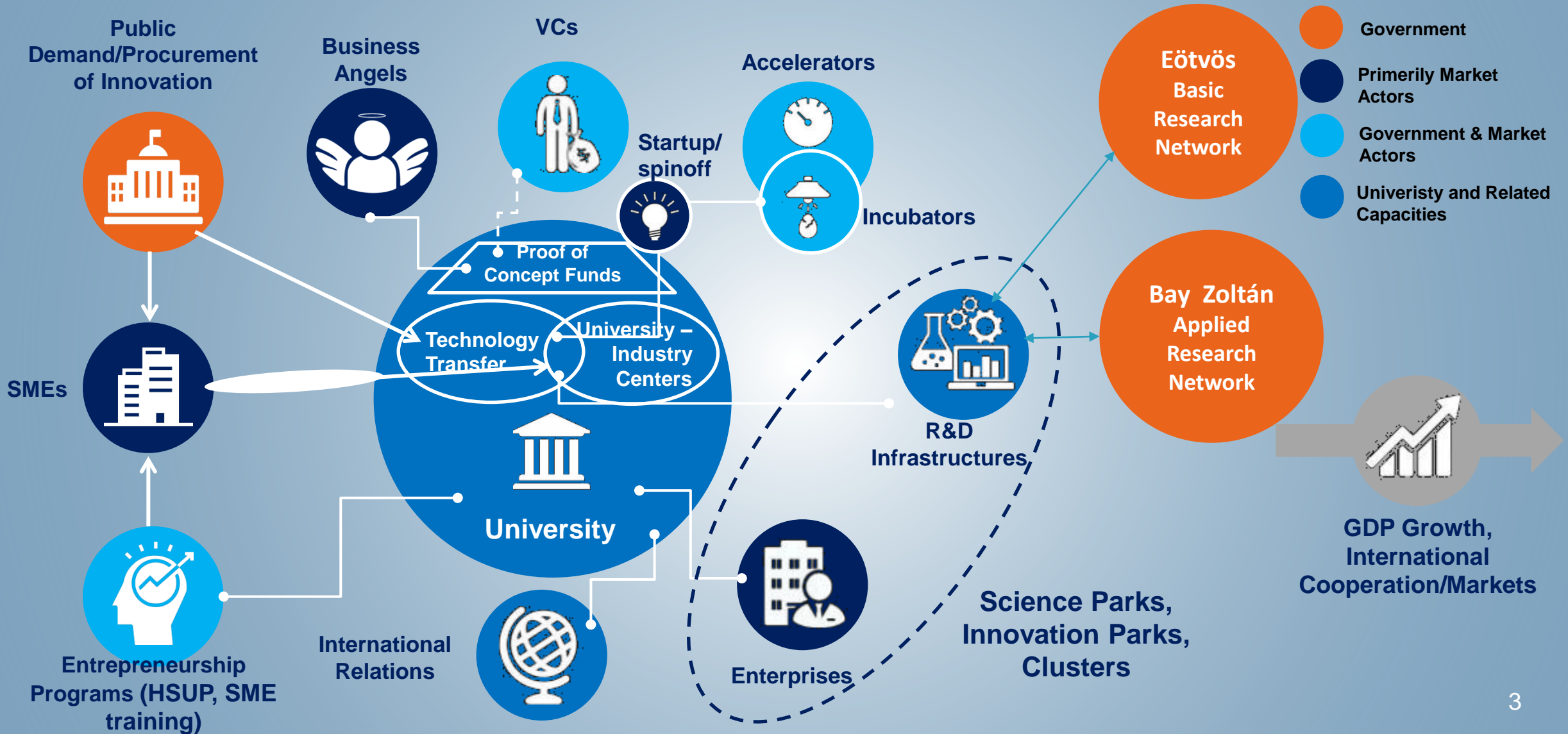
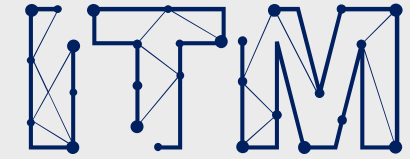
Knowledge Transfer

- Stimulate technology transfer at universities, research institutes, hospitals
- Stimulate researcher's international mobility
- Better access to R&I infrastructures
- Stimulate open innovation
- Strengthen R&I cooperation between companies

Knowledge Utilization

- Improve intellectual property management
- Stimulate SME innovation
- Stimulate non-technological innovation
- To develop/enhance the startup ecosystem
- Boost government demand for innovation
- Create network of Science Parks and Technological Parks

The Structure of the Hungarian RDI Ecosystem



Geographical View

Main Centers:

Győr

Budapest

Miskolc

Pécs

Debrecen

Szeged



University Innovation Ecosystem



Bay Zoltán Network



Loránd Eötvös Research Network



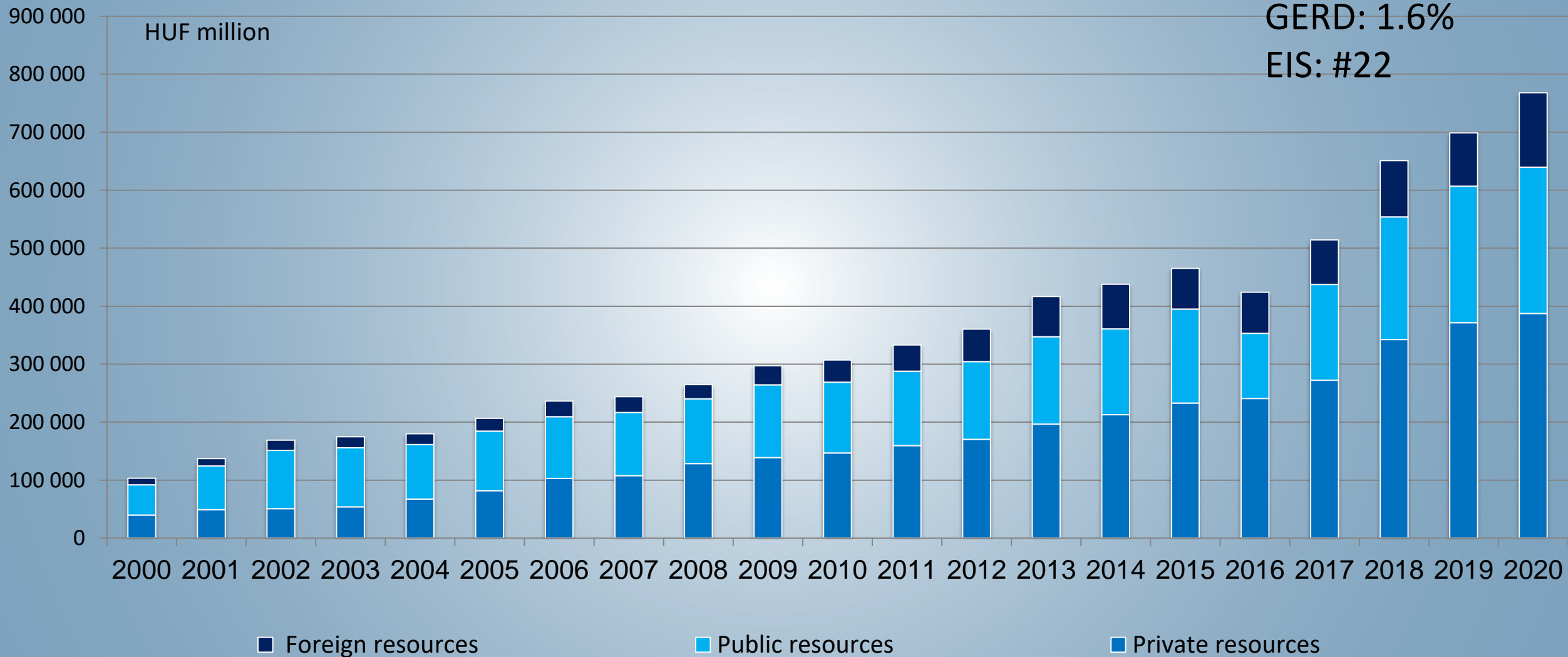
Territorial Innovation Platforms

Very large infrastructures:

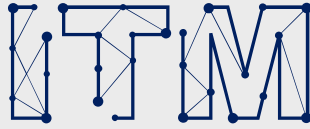
ELI – Laser (Czechia, Hungary, Romania)

Zalazone – Autonomous driving

Financial Sources of R&D Expenditure by Sector



National Research-Development and Innovation Fund 2021



NRDI Fund Research Part

NRDI Fund Innovation Part

Excellent Research Grants (Individuals, research groups)

90 m EUR

All Science Fields

Challenge-based programmes:

220 m EUR

Safe and Secure Society, Health

National challenges: Safe and Secure society and environment, Industry and digitalisation, Culture and family

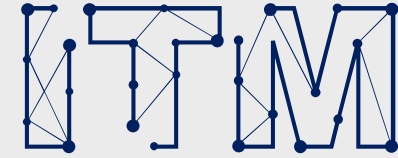
Business innovation

200 m EUR

Primarily: SMEs, Startups
Market oriented R&D
Bilateral projects
Corporate-university

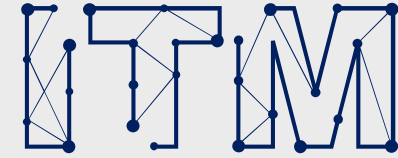
NRDI Source: innovation tax (0,3% of net revenue)

Some Policy Highlights



- **Cooperative PhD Programme – 100 participants**
- **National Laboratories – 18 knowledge centers**
- **University Innovation Ecosystem - PoC**
- **New University Model – Public Foundation based**

Government Funded Incubator Program

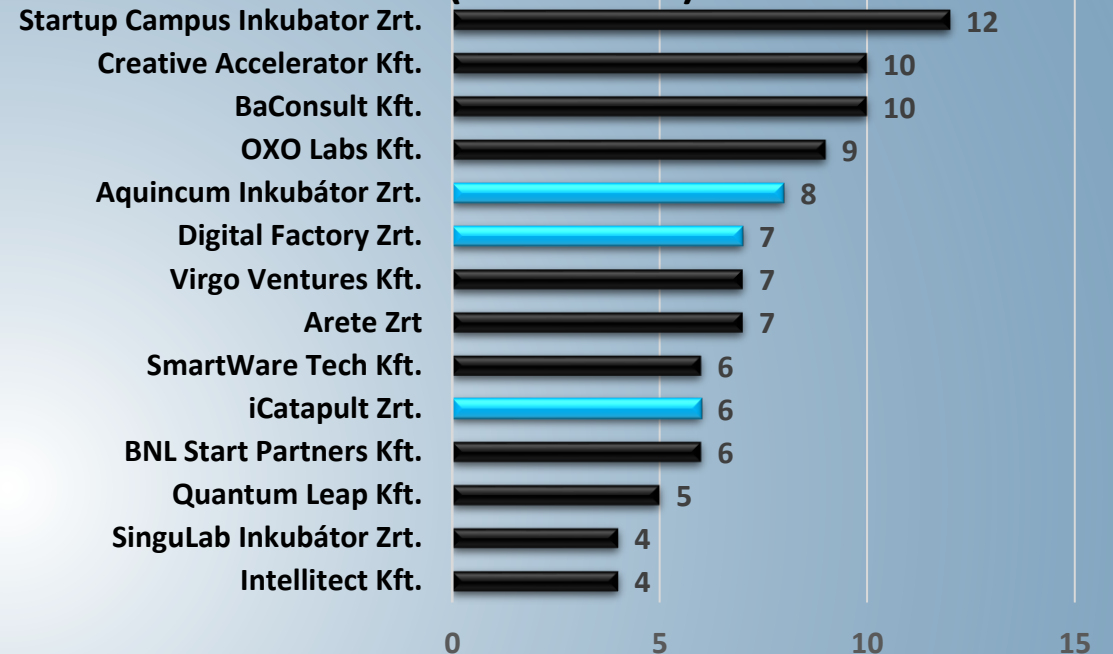


SUMMARY OF THE PROGRAM

- Based on the Israeli Technological Incubator model
- Incubators get equity in their companies, co-financed by the government program (max. 24%)
- Starting grant cca. 2 - 300 kEuro

NUMBER OF INVESTED START-UPS

(TOTAL: 101)



ROUND I. 2014

HUF 2.1bn

4 Incubators

ROUND II. 2016

HUF 5.5bn

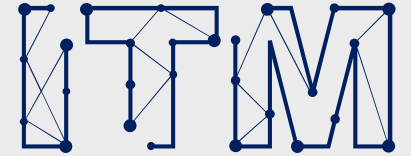
11 Incubators

ROUND III. 2020

HUF 2.1bn – Continuation

7 Incubators

Government Funded VC Programs



HiVentures

Startup programs (> 200 m EUR)

- ❖ Pre-seed (40 k EUR)
- ❖ Seed (180 k EUR – 700 k EUR) – prototype, traction
- ❖ Scale-up (700 k EUR – 2.6 m EUR) – with strong traction, go to international markets

SME programs

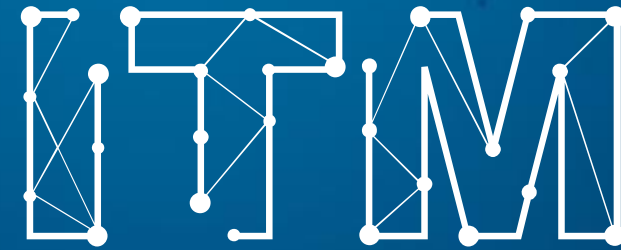
Jeremie Funds – co-investment

Specialized VC funds

Thank You!



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INNOVATION AT WORK

Thank you
for your kind attention