

RESEARCH, DEVELOPMENT AND INNOVATION IN HUNGARY

STRUCTURE AND FUNDING

シゲティ ギュラ ピーター

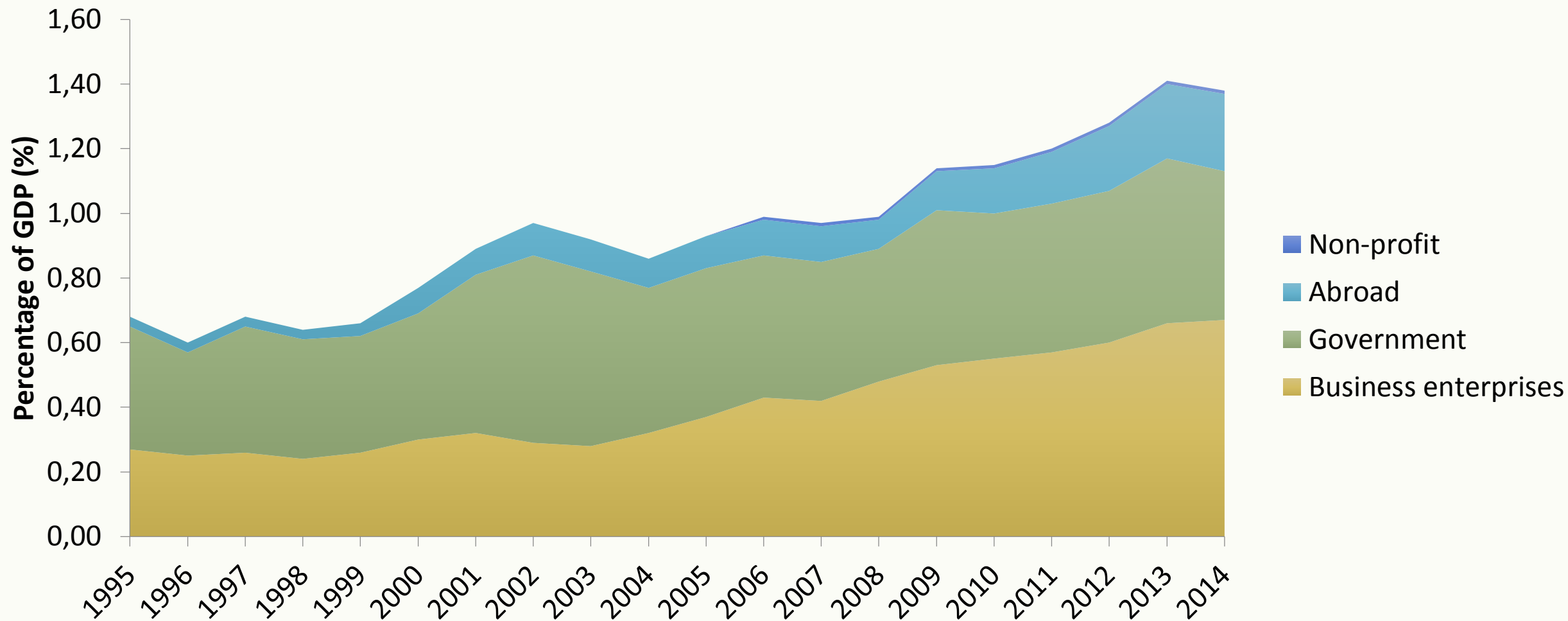
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National Research, Development and Innovation Office

Tokyo, Japan – 16-06-2016



Sources of RDI expenditure in Hungary (% of GDP)



RDI Funding in Hungary (2014)

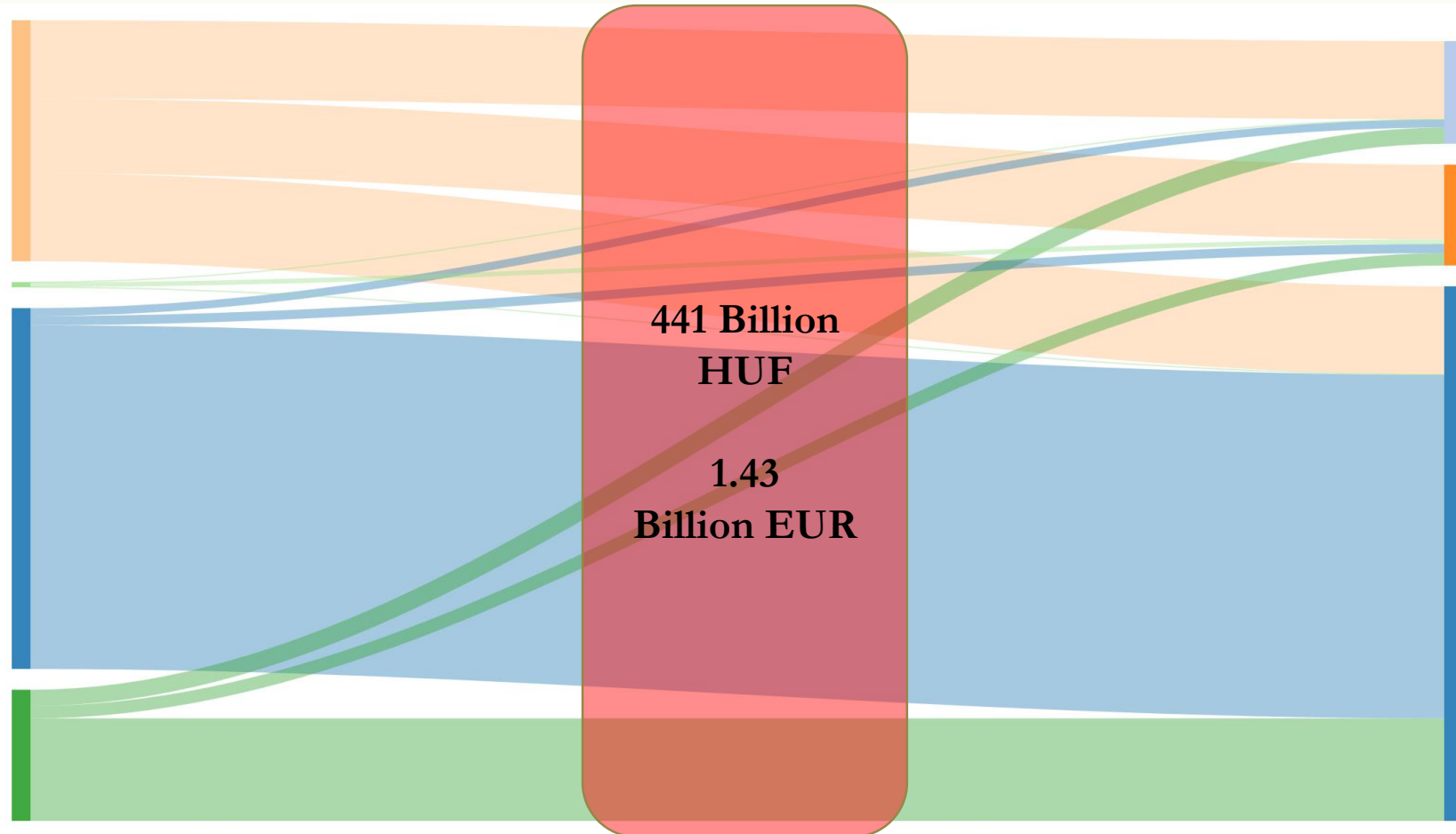
SOURCE

Governmental
(33%)

Non-profit
(1%)

Business
enterprise
(48%)

Foreign(18%)



TARGET

Governmental Sector
R&D (14%)

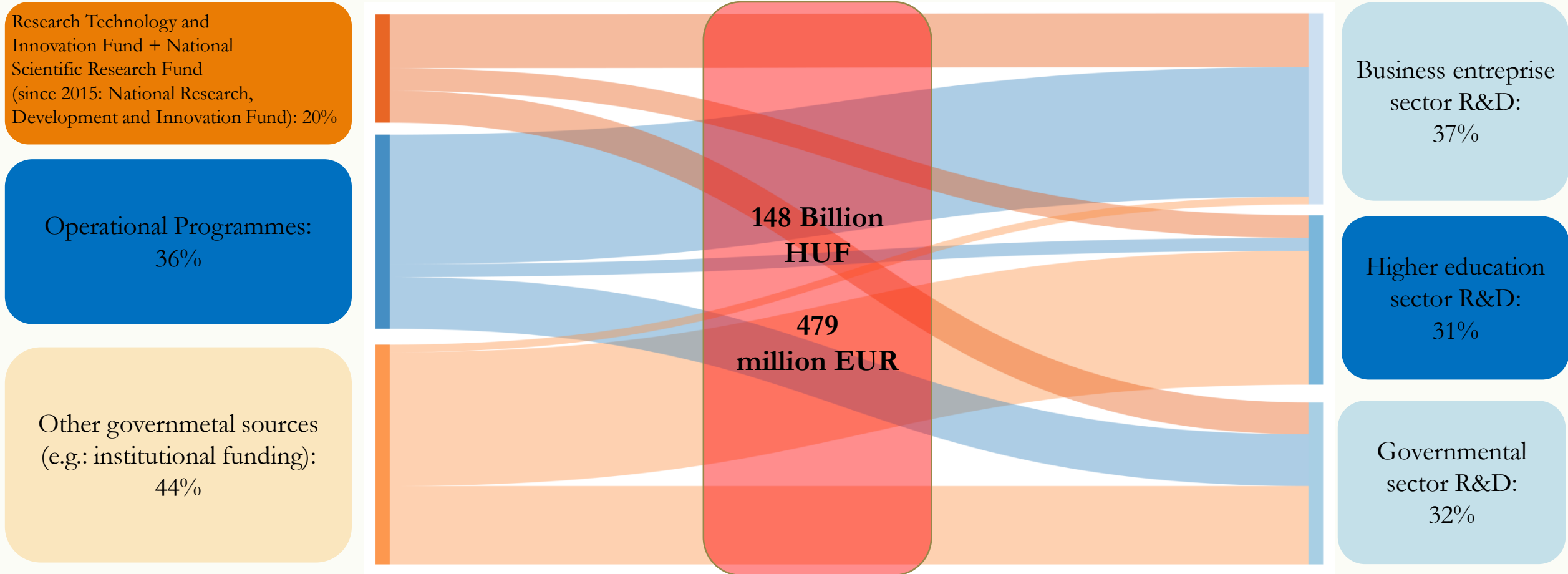
Higher Education
Sector R&D (14%)

Business Enterprise
Sector R&D (72%)

Total: 441 billion HUF (1.43 billion EUR), 1.38% of GDP



Governmental RDI Financing, 2014

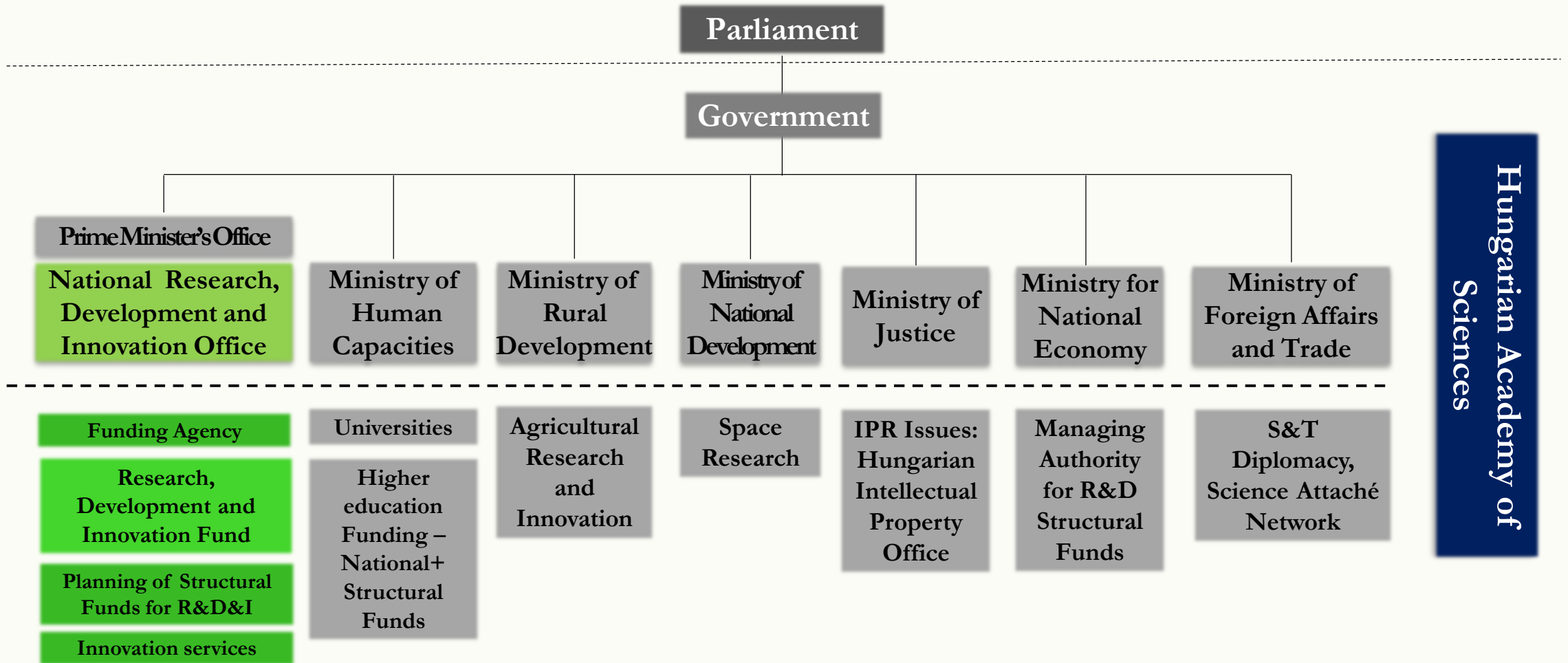


Total: 148 billion HUF (479 million EUR)

Source: HCSO, 2015



Governmental Structure of RDI in Hungary



Who are we? The role of the NRDI Office in the promotion of innovation

SERVICES

**STRATEGY
AND
PROGRAMME
PLANNING**

**INTER-
NATIONAL
AFFAIRS**

**COMPETITIVE
FUNDING**

Market

Innovation
Applied research
Blue sky research
Education



The National Research, Development and Innovation Office

- **Mission**

- To develop RDI policy and ensure that Hungary adequately invest in RDI by funding excellent research and supporting innovation to increase competitiveness.

- **Mandate**

- To prepare the RDI strategy of the Hungarian Government, to handle the National Research, Development and Innovation Fund, and represents the Hungarian Government and a Hungarian RDI community in international organizations.



The National Research, Development and Innovation Office

- **Vision**

- To be a world-class KFI funding agency, create an internationally attractable KFI environment in Hungary, and a stronger link of KFI to the economy and society for increase growth and prosperity.

- **Values**

- Excellence
Transparency
Integrity
Trust








Main principles

1. The **long-term international competitiveness** of the Hungarian economy depends on its position in the global value chain. **The final aim is the participation with high-value added activities in the international division of labour.**
2. In order to take into practice this aim, we need **internationally competitive, high-value added RDI activities and programmes** catalysed predominantly by the NKFIH.
3. The high-value added, globally competitive KFI activities should be **based on**
 - a) world-class, excellent scientific background
 - b) talented researchers and other professionals
 - c) competitive infrastructures
 - d) calculable and transparent financing scheme



International Advisory Board

Prof. <u>Sierd Cloetingh</u>	Prof. Anne Glover	Prof. <u>Bengt Nordén</u>	Prof. Sir George <u>Radda</u>	Prof. G. Julius <u>Vancso</u>
				



The framework conditions of NKFI Fund's financing scheme

- **Problem-oriented and not source-oriented** competitive call for proposals system
- Existing, internationally competitive research background related to the submitted applications
- **Globally competitive, trustworthy partner company**, which can guarantee the usefulness and the competitiveness of the given development projects and **the exploitation of the future KFI results as well.**
- Transparent, calculable operational activity and effective organisational structure
- Competent negotiation partners for the financing organisation



The NRDI Office as a national funding body

Is in charge of managing the RDI Funds

Takes part in the planning of calls with RDI focus from Structural Funds

Supports the Managing Authority by facilitating the coordination and communication between institutional and business RDI actors and various governmental bodies

Provides expert evaluation services for RDI project applications submitted to the Managing Authority under the EDIOP calls

Gives policy advice on financial planning and scheduling of calls launched under EDIOP



Recent major funding measures of the NRDI Office

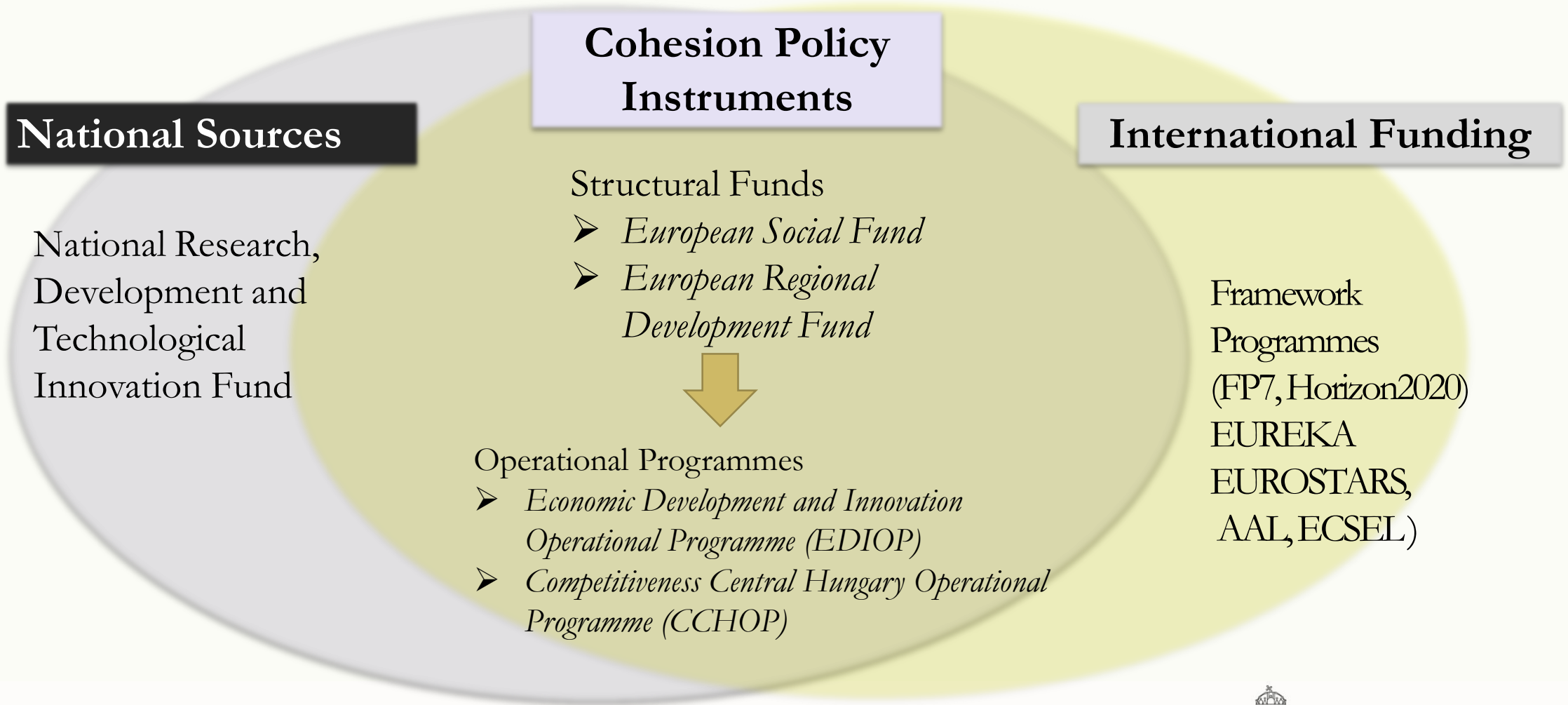
R&D competitiveness and excellence cooperations (50 Bn HUF)

Excellence of Strategic R&D centres (40 Bn HUF)

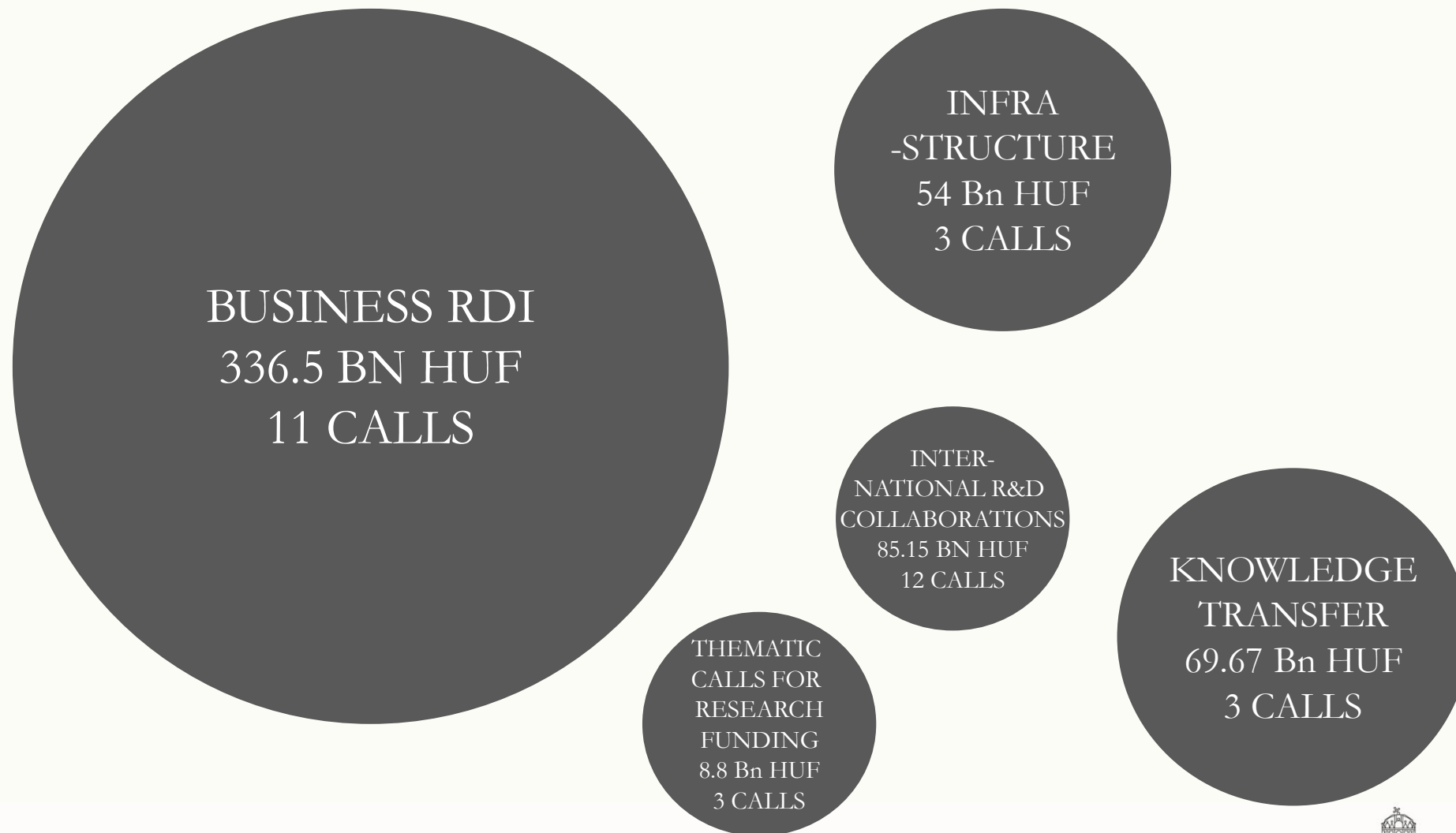
Strengthening research infrastructures (20 Bn HUF)



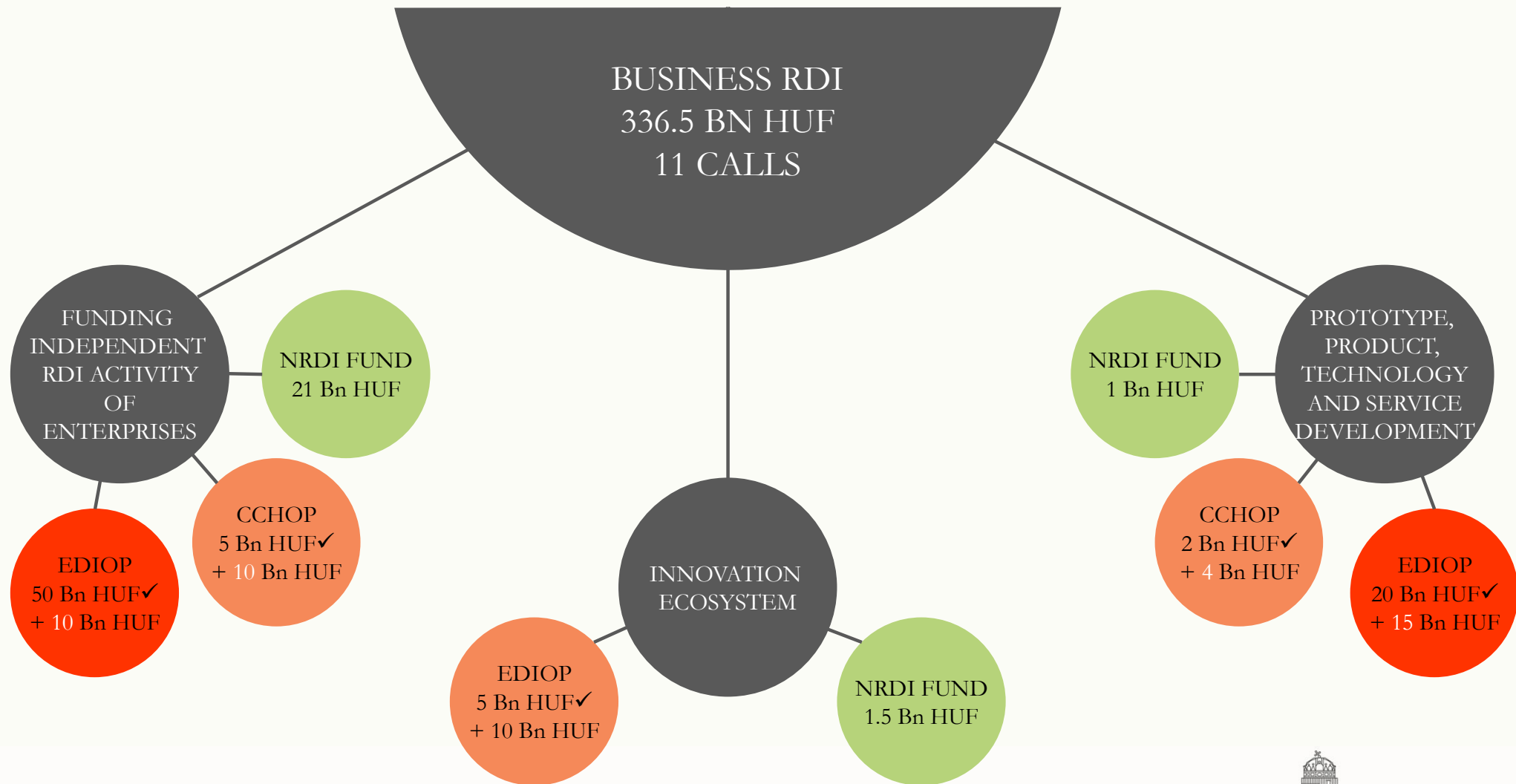
The Sources of R&D Funding in Hungary



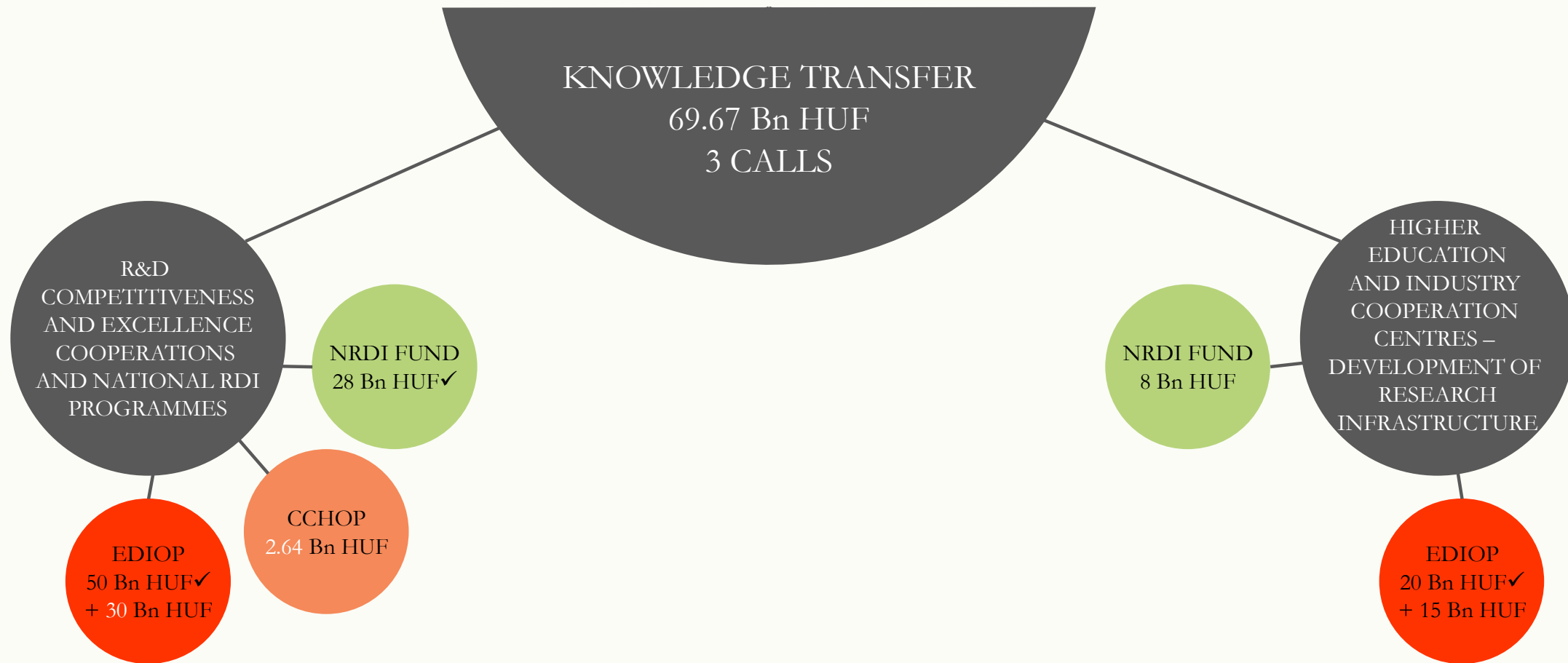
Funding measures in 2015 and 2016



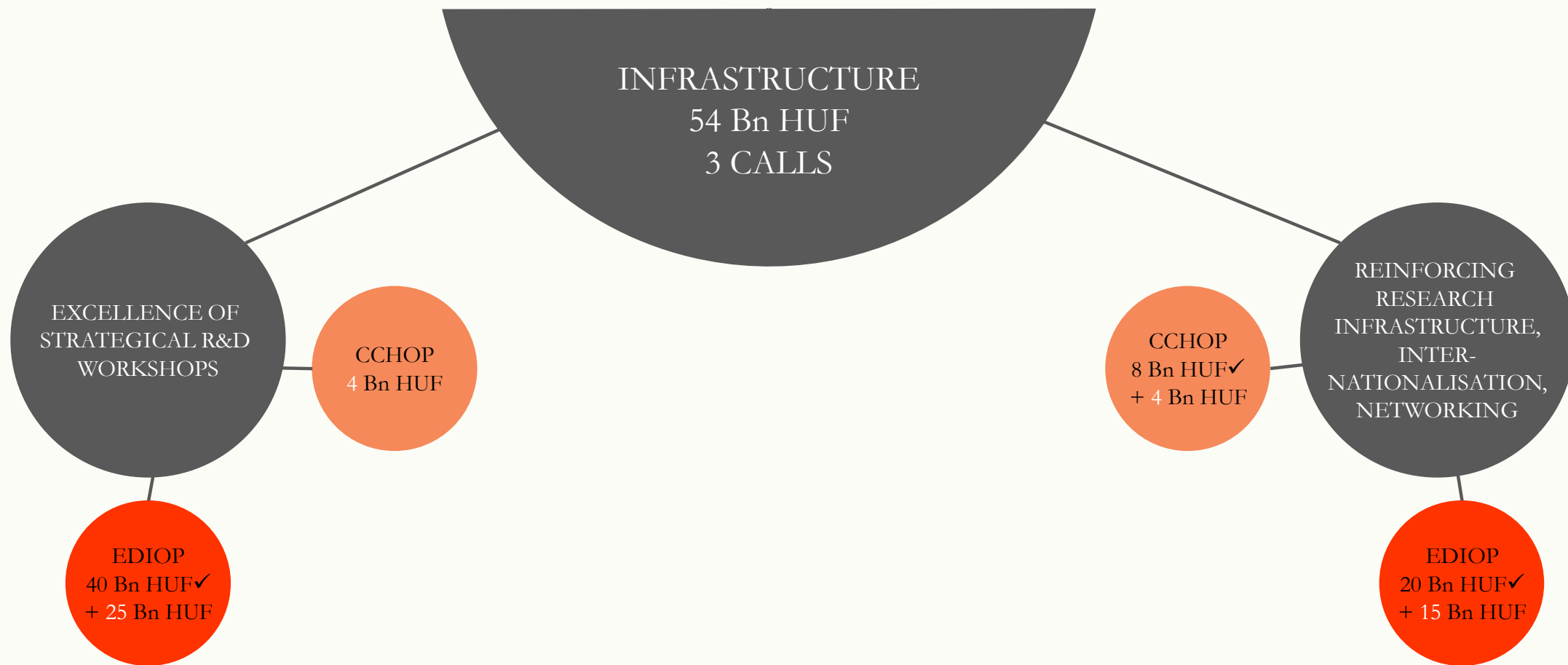
Funding measures in 2015 and 2016



Funding measures in 2015 and 2016



Funding measures in 2015 and 2016



Funding measures in 2015 and 2016



Funding measures in 2015 and 2016



Past and future opportunities for R&D cooperation with Japan

➤ Multilateral relations

- JST-V4 Call (past – future?)
- FP7 related calls – e.g. ERA-NET CONCERT Japan (past)
 - Europe-Japan Interest Group
- Horizon 2020
 - Japanese participation is welcomed in most of the Calls for Proposals of Horizon 2020. There are also 23 Call topics that specifically target cooperation with Japan in Work Programme 2016-17. More information :
http://ec.europa.eu/research/participants/data/ref/h2020/other/hi/h2020_localsupp_japan_en.pdf

➤ Bilateral relations

- NN type - Call for proposals for international cooperation in basic research (Active)



Call for proposals for international cooperation in basic research

Purpose

- Supporting basic research leading to excellent results, based on international cooperation.

General conditions

- The proposals have to be submitted by the Hungarian researcher to the NRDI Office and by the foreign researcher to a funding agency in the respective country simultaneously.
- The proposal can be funded only if the Hungarian proposal is supported by NRDI Office and the foreign proposal is supported by the funding agency in the respective country simultaneously.
- An electronic copy of the Declaration on International Cooperation completed and signed by the principal investigator of the foreign matching proposal is part of the NN proposal.

Relevance to Japan

- Hungarian researchers can apply with matching proposals from Japan as well.



ご清聴ありがとうございました。
Thank you for your attention!

www.nkfi.gov.hu/english

