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# How to support Hungarian participation in the widening actions?

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## Setting of the stage

- Start of widening participation issue under the HU EU Presidency



- Continuation and strong focus on widening participation under the PL Presidency
- Teaming as a tool for spreading excellence in the frame of widening actions - joint work of Poland, Germany, Commission (preparatory workshops in Berlin and in Warsaw this March)



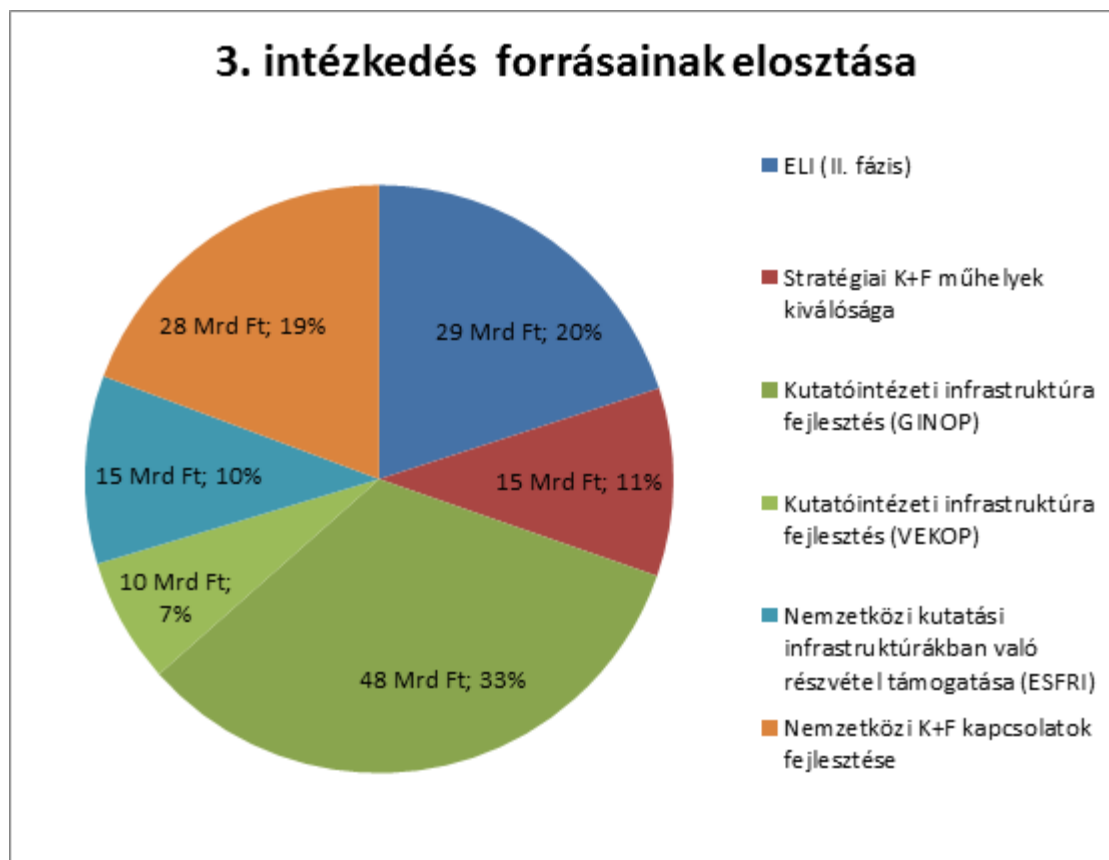
## Synergy between H2020 and ESIF

- Based on the Hungarian success rate in FP7 our aim for H2020 is a 0,7-0,8 % success rate compared to the total budget of H2020. It means about 300 million euros for Hungarian participation from the H2020 budget (compared to the captured 250 million euros in FP7)
- Discrepancies with regard to FP7 and ERDF budget earmarked for R&D in the period 2007-2013. The ratio of FP7/ERDF funding in Hungary is 0,09. (Comparing to 3,8 in Denmark and 3,5 in Belgium where FP7 funding is more significant than ERDF.)
- In the present designing period: synergies versus „crowding out”.
- We intend to strengthen the institutional excellence of the national RDI system



## Synergy between H2020 and ESIF

### Resource allocation for 2014-2020 for supporting excellence



Excellence of strategic R&D institutions

Infrastructure development of research institutions

Development of research institutions (Central Region - VEKOP)

Participation in ESFRI projects

Development of European R&D connections, Strengthening participation in European programmes



# Composite Research Excellence Indicator at National level

**Definition:** „a composite indicator developed to measure the research excellence in Europe, meaning the effects of the European and national policies on the modernization of research institutions, the vitality of the research environment and the quality of research outputs in both basic and applied research. „

HU – 31,9

CZ - 29,9

SI – 27,5

PT – 26,5

EE – 25,9

BG – 24,7

PL – 20,5

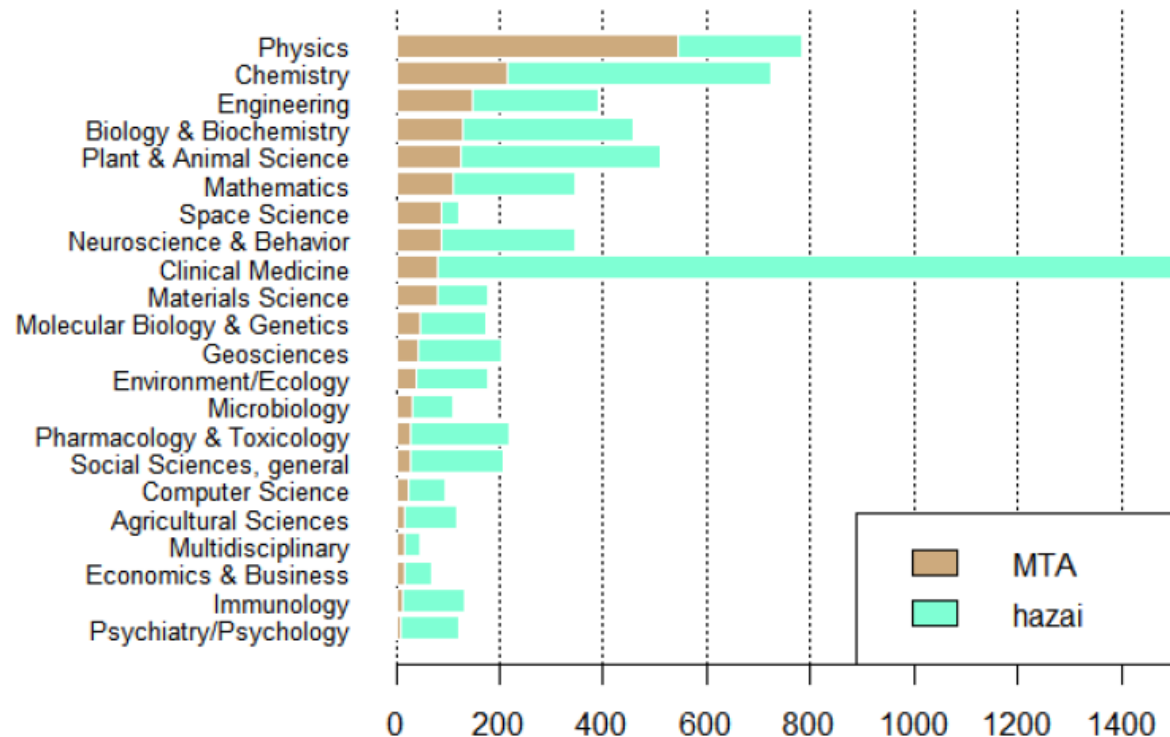
RO – 17,8

SK – 17,7

- **Threshold:** MS below 70% of the European average (33,5)

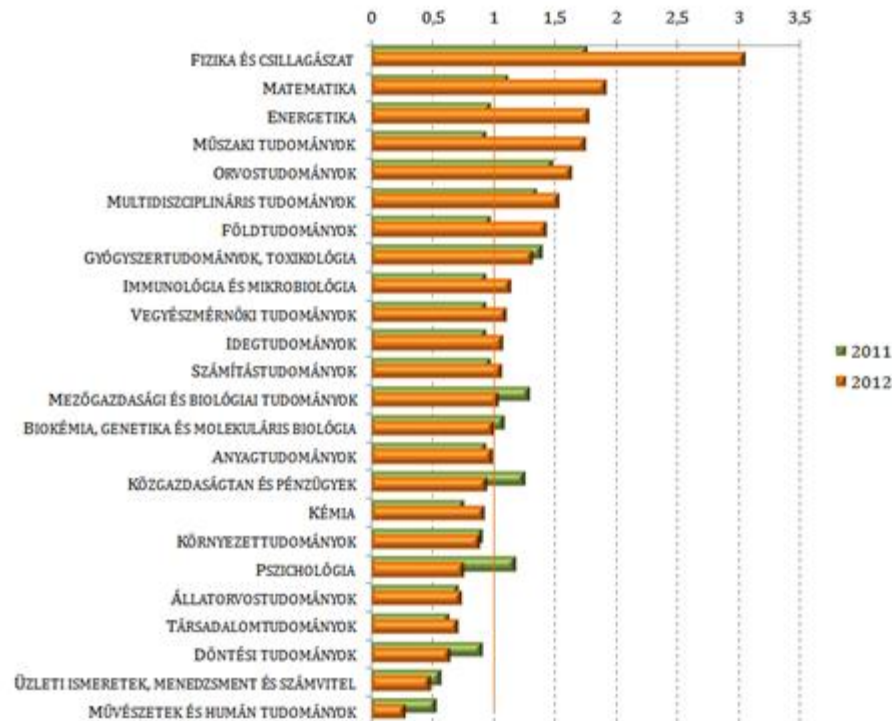


## Excellence : the number of the Hungarian scientific publications (2012)





# Excellence: the relative impact of the Hungarian scientific publications by scientific field





## Excellence: the quality of scientific research institutions

The World Economic Forum ranks Hungary 20 of 131 countries

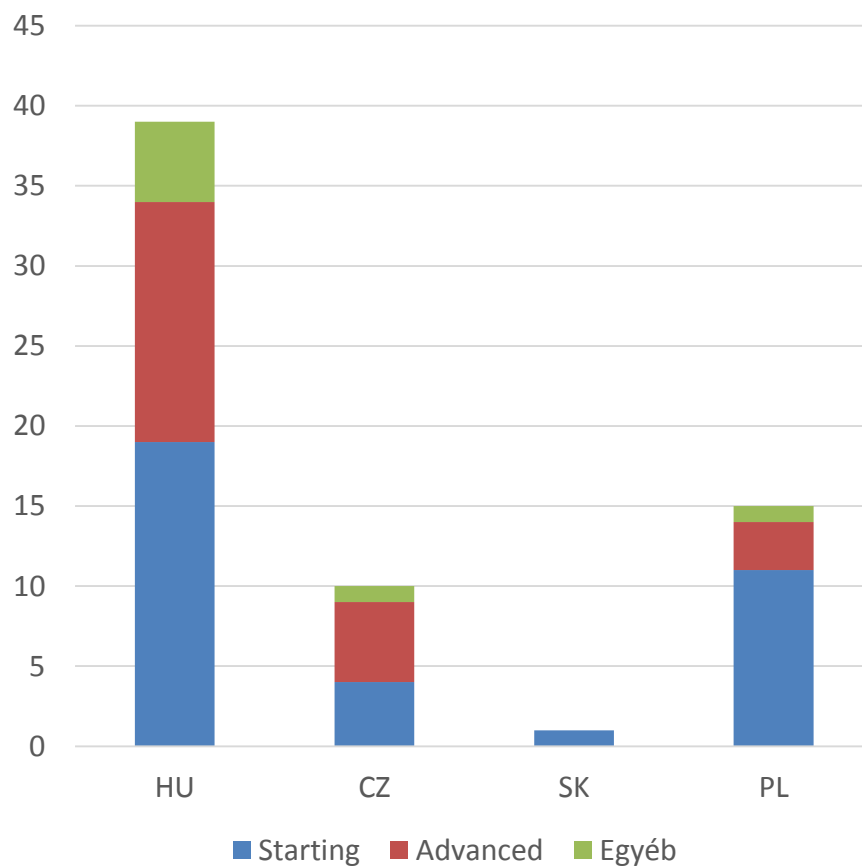
| <b>Country</b> | <b>Ranking</b> |
|----------------|----------------|
| Israel         | 1              |
| Switzerland    | 2              |
| United Kingdom | 3              |
| Germany        | 10             |
| Japan          | 11             |
| Ireland        | 14             |
| <b>Hungary</b> | <b>20</b>      |
| Austria        | 21             |
| Spain          | 36             |
| Italy          | 43             |
| China          | 44             |
| Poland         | 45             |
| Romania        | 84             |
| Slovakia       | 90             |





## ERC grants

V4 ERC Grant-ek 2007-2013





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## Key success factors

- Well chosen, carefully structured **partnership** and strong **engagement** from parties
- **Long term vision** (at least 10-15 years) and **long term financial commitment nationally** (at least 40-50 mill euros)
- Coordinator: strong in project management and strong in national cohesion funding
- Full autonomy in decision-making for the newly established/upgraded centre is a must for sustained excellence
- **Alignment with the national/regional smart specialization strategy**
- Synergies with Cohesion Funds: need to foresee **appropriate funding from Cohesion Policy** (stage 2 of the teaming project)



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## Establishment of a coordination group

- Support for the preparation of the project proposals by NIH
- Assessment of project proposals at national level by the coordination group (members from Ministry for National Economy and National Innovation Office)



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**Thank you for your kind attention!**