

EU RDI FRAMEWORK PROGRAMME AFTER 2020

FP9 POSITION PAPER OF HUNGARY

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Context

Mid-term evaluation of the Horizon 2020

Lamy-report

Discussion on the future role of EIC

FP9 Position papers available



Composition of the FP9 working group

Balanced opinions—
representatives from
higher education
institutions, research
institutions, the
entrepreneurial
sphere and
governmental bodies

Requirements:

A comprehensive understanding of
national and international RDI
processes and policies

Professional experience with EU
Framework Programmes (either as an
applicant, evaluator, or as a consultant)

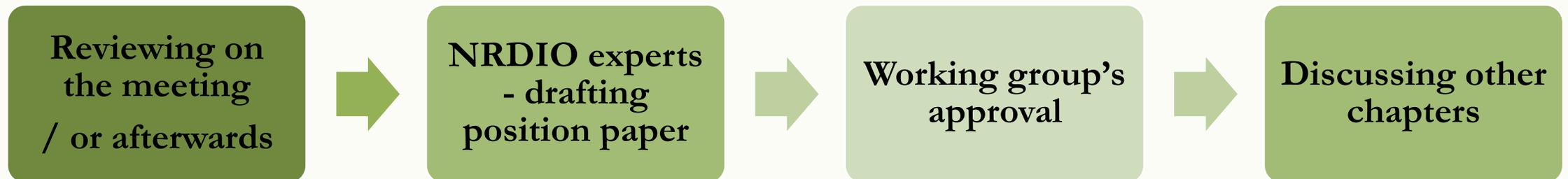


FP9 Working Group

Face to face meetings + written reviewing

A dedicated page on the NRDIO website for working group members with all the documents and background materials

Until mid November: discussion of major topics



Giving priority to RDI policy

Research, development and innovation are key drivers of economic development and growth improving competitiveness and addressing societal challenges

Include RDI policy as a priority amongst EU policies

significant increase of the RDI budget both

- ✓ at EU and
- ✓ national level



Giving priority to RDI policy

Enhance coordination between EU and Member States' RDI policies and programmes

✓ to improve the efficiency

✓ and produce impact

for the benefit of the whole economy and society of Europe



The correlation of national support and international competitiveness



PIs IN
MOMENTUM
PROGRAMME

121

HUNGARIAN
PIs IN ERC

62

RESEARCHERS
THAT ARE PIs
IN BOTH
PROGRAMMES

22



Guiding principles



Finding the right balance

Strong focus on scientific and technological excellence,

Contributing to increase the competitiveness of the EU

Addressing and responding the societal challenges of European relevance



Open and inclusive European Research Area

Keeping the **European Research Area (ERA)** as the **core concept**

exploitation the full potential and capacities of EU Member States and regions

a better inclusion of the macro-regional aspects in the FP



Excellent science is the key to future success

Proven record of success:

- ERC programmes are to be continued with a substantially increased budget
- Further significant support to Marie Skłodowska-Curie Actions is needed (multidisciplinary approach, clear European relevance and exploitation potential in Europe)
- Adequate funding to be ensured for Future and Emerging Technologies (FET) to seed foundational technologies through multidisciplinary collaborations

linkages should be strengthened between exploratory research and applied research where relevant (KETs) without setting any limitation in the bottom-up approach of frontier research



NRDI Office to support scientific excellence

EXCELLENCE PROGRAMMES PROMOTING THE INTERNATIONAL COMPETITIVENESS OF DISCOVERY RESEARCH	ERC	KKP_17	KH_17	
	Funding programmes promoting access to European Research Council (ERC) programmes BUDGET: HUF 0.45 BN	“Frontline” Research Excellence Programme BUDGET: HUF 3 BN	Funding of research groups whose outstanding achievements have a significant international impact on scientific forums with major visibility BUDGET: HUF 1 BN	
RESEARCHERS’ THEMATIC APPLICATIONS PROGRAMMES, POSTDOCTORAL PROGRAMMES PROMOTING DISCOVERY RESEARCH	PD_17	FK_17	K_17	NN, ANN, SNN 17
	Postdoctoral excellence programme BUDGET: HUF 1.5 BN	Calls for thematic applications initiated by young researchers BUDGET: HUF 3 BN	Calls for thematic applications initiated by researchers BUDGET: HUF 6.5 BN	Calls for thematic applications based on international cooperation BUDGET: HUF 6.5 BN



Excellent science is the key to future success

Strategic coordination role of ESFRI is highly appreciated

- stronger support needed to **enhance transnational access to research infrastructures**
- **capacity building and networking activities** of research facility nodes operated by Member States has to be enhanced
- **long term sustainability** and socio-economic impacts on the wider and local environment of research infrastructures (RI-s) should be assessed at RI-development projects



ELI – beyond 2018



ELI will be

- the world's **first international laser user facility**, providing unique research opportunities for the future

“The CERN of laser research”



- a **distributed research infrastructure** based initially on 3 facilities in the Czech Republic, Hungary and Romania

- the first ESFRI project to be **implemented in the new EU Member States**



- **pioneering a novel funding model** combining structural funds (ERDF) for the implementation and contributions to an ERIC for the operation



Stimulating and supporting innovation

Initiatives to create new markets and more breakthrough innovation within the EU are welcome

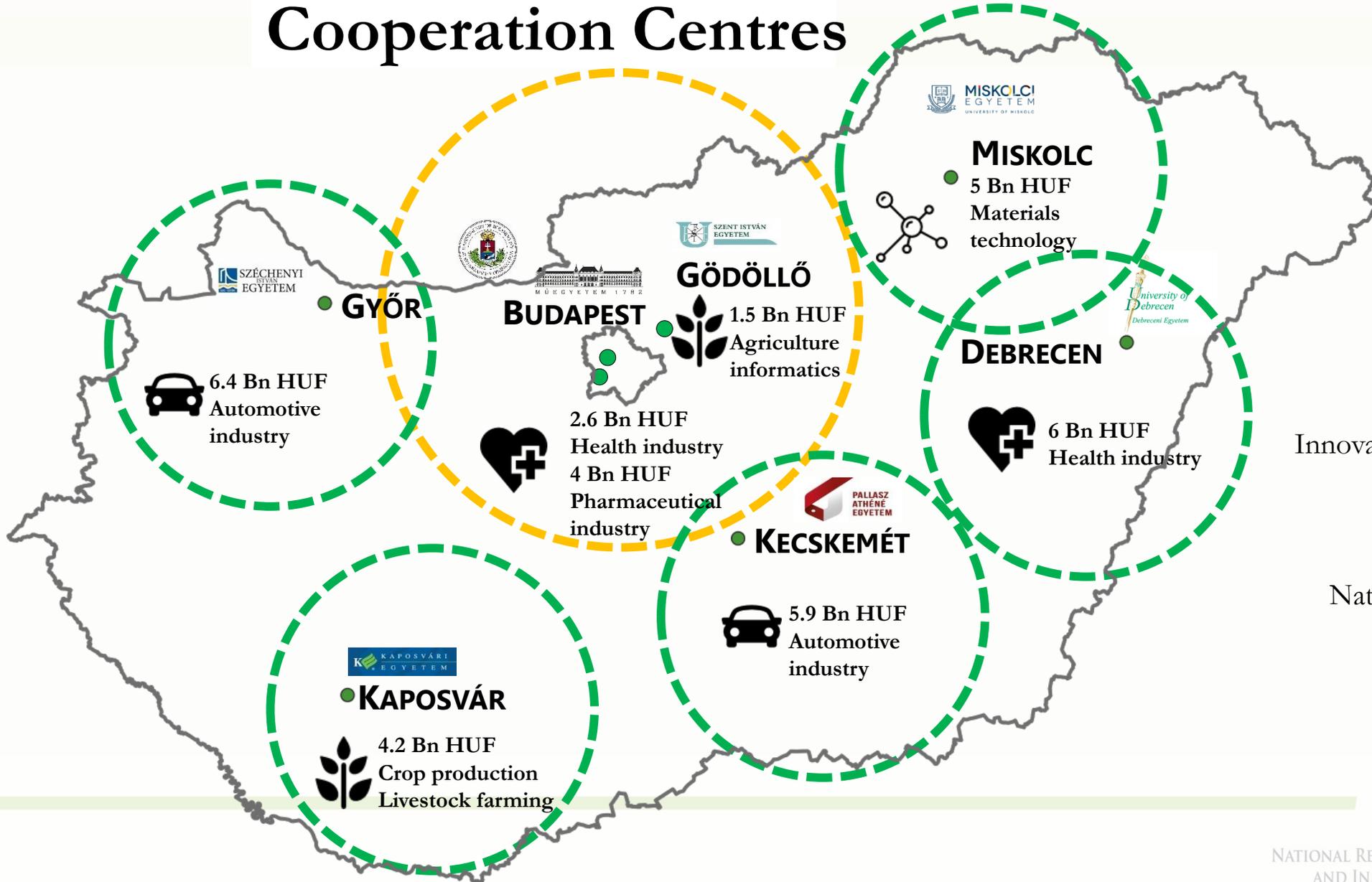
- Keep the right **balance between funding exploratory and applied research** and **close to market** activities inspiring both **breakthrough** and **incremental innovation**
- Preservation of the **dominance of collaborative projects** is strongly recommended - **cooperation** of the key actors of the innovation ecosystem

Preserve key enabling technologies (KETs) as a dedicated part of the FP

More coordination with Member States' initiatives in building coherent innovation ecosystems



Creating Higher Education and Industry Cooperation Centres



 **EDIOP**

Economic Development and
Innovation Operational Programme

 **NRDI Fund**

National Research, Development
and Innovation Fund



Role of EIT in FP9

Provide further **support EIT and its KICs** to improve innovation capacities and skills throughout Europe and effectively link the actors of the knowledge triangle

Better **coordination of EIT activities** with the **relevant programme** parts of the **FP** and **national programmes**

Calling for a **stronger coordination role of EIT** in terms of selecting, supporting and monitoring of KICs under FP9



Science tackling societal challenges

identifying the major challenges - relevant stakeholders and the wider public need to get involved

consultations with key stakeholders and with the public **shall be based on careful strategic planning strongly supported by scientific evidence** to achieve meaningful outcomes

a dedicated programme for SSH under FP9

better integrate Social Sciences and Humanities (SSH) aspects in projects addressing socio-economic, technological and environmental challenges (call preparation, evaluation, implementation)



Closing the innovation divide

Introducing „**Widening**” as a **horizontal aspect** in all actions aiming to achieve wider societal and economic impact

Continuing and strengthening the „Spreading excellence and widening participation” actions

- Possible new actions - special measure may facilitate transnational access to research infrastructures operated in widening countries

The creation of real synergies between **ESIF and FP funding**

Facilitate optimal brain circulation within the ERA - adequate working conditions including **competitive researchers’ salaries** need to be established (flexible and open legal framework)



Simplifying the RDI landscape – Partnership instruments

Support the **rationalization of the partnership landscape**, carried out jointly by the European Commission and Member States

Focus on instruments which show clear added value and are sustainable in the longer run

Enhanced participation of SMEs and EU-13 countries

Contributing better to EU R&I strategic goals in clearly identified and measurable ways

Streamlining - more coherence and connections between different instrument targeting similar challenges or technological areas



More and more simplification

More flexibility in accepting Member States usual accounting practices (enhanced level of trust)

Make best use of lump-sum based support

Personnel cost reimbursement rules to be revised - the optional introduction of a minimum salary or the of unit cost model may be the way forward to counteract brain drain

Specific rules to be established enabling real synergies between EU framework programmes and European Structural and Investment Funds (ESIF)



Increasing the added-value of evaluation

providing more comprehensive **feedback to applicants**, especially for SMEs

fine tuning the processes and criteria according to specificities of different pillars and action types

diversifying the composition of expert panels to be more balanced (based on gender, age, sector (academia/industry), scientific discipline, nationality, geographic location)

taking measures to address oversubscription of FP calls (introducing two-phase evaluation where appropriate)

Fine tuning assessing the impact (sustainability of the envisaged project, potential for growth, best value for money)



Open Access, open science

The open access efforts need to be maintained and amplified

Findability, Accessibility, Interoperability, and Reusability (FAIR principles) of the Open Access need to be applied

Further development of facilities/infrastructure for open access of scientific publications (amplified role for existing facilities)



**THANK YOU FOR YOUR
ATTENTION!**

