



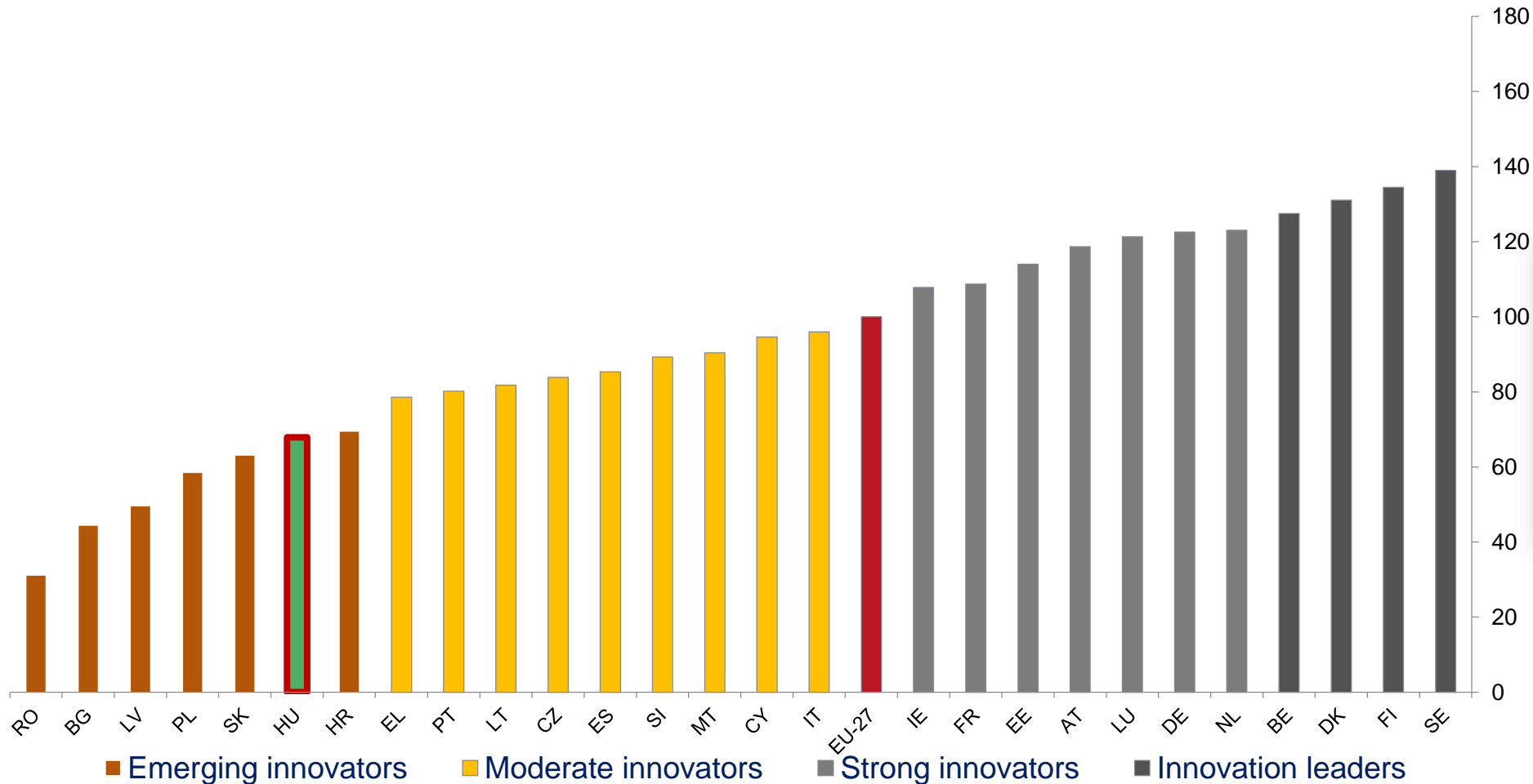
METHODOLOGY OF THE ENTREPRENEURIAL DISCOVERY PROCESS

EXPERIENCES IN HUNGARY

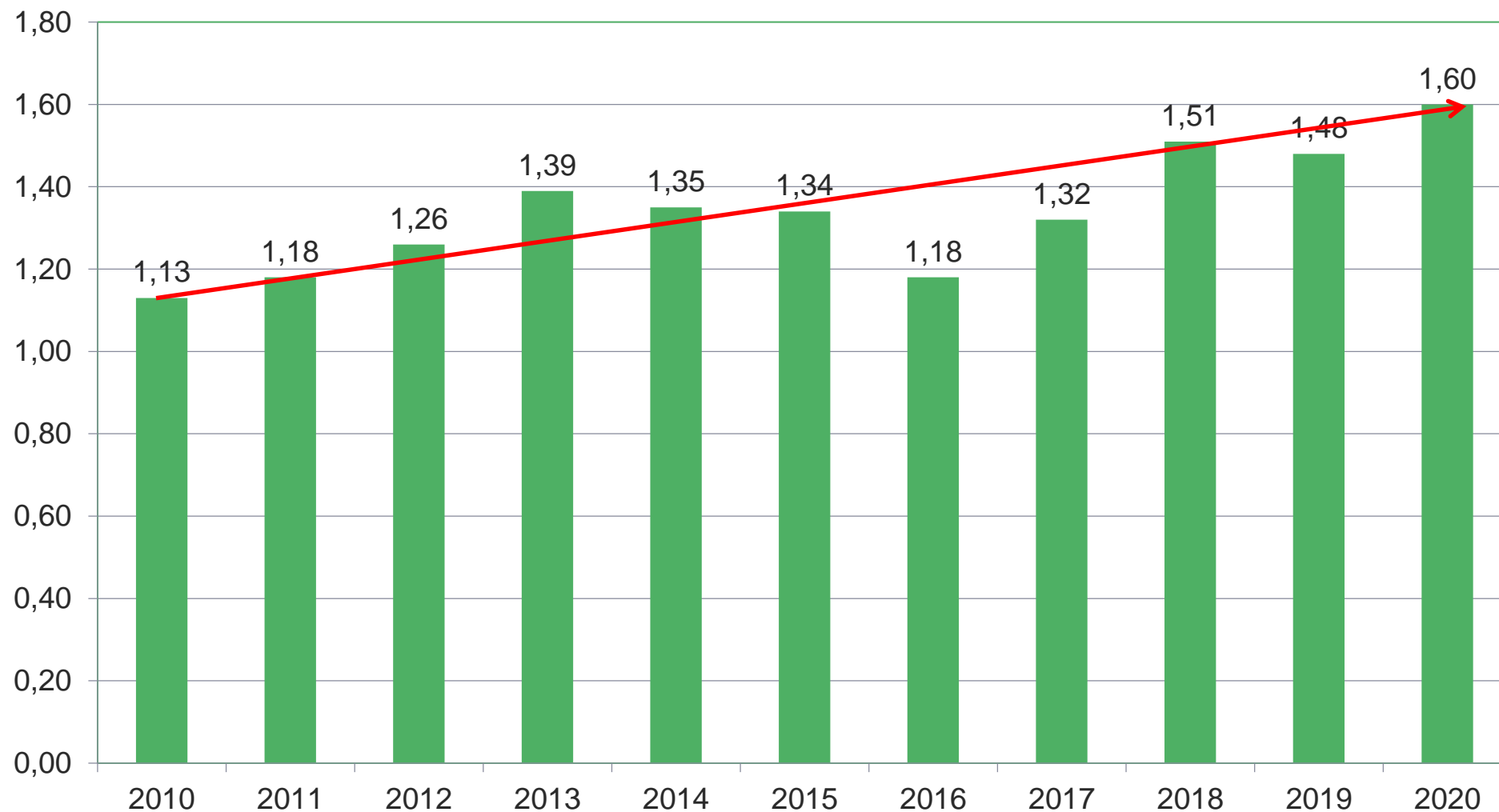
István Szabó PhD

vice president for science and international affairs
National Research, Development and Innovation Office

Ranking of EU members: European Innovation Scoreboard, 2021

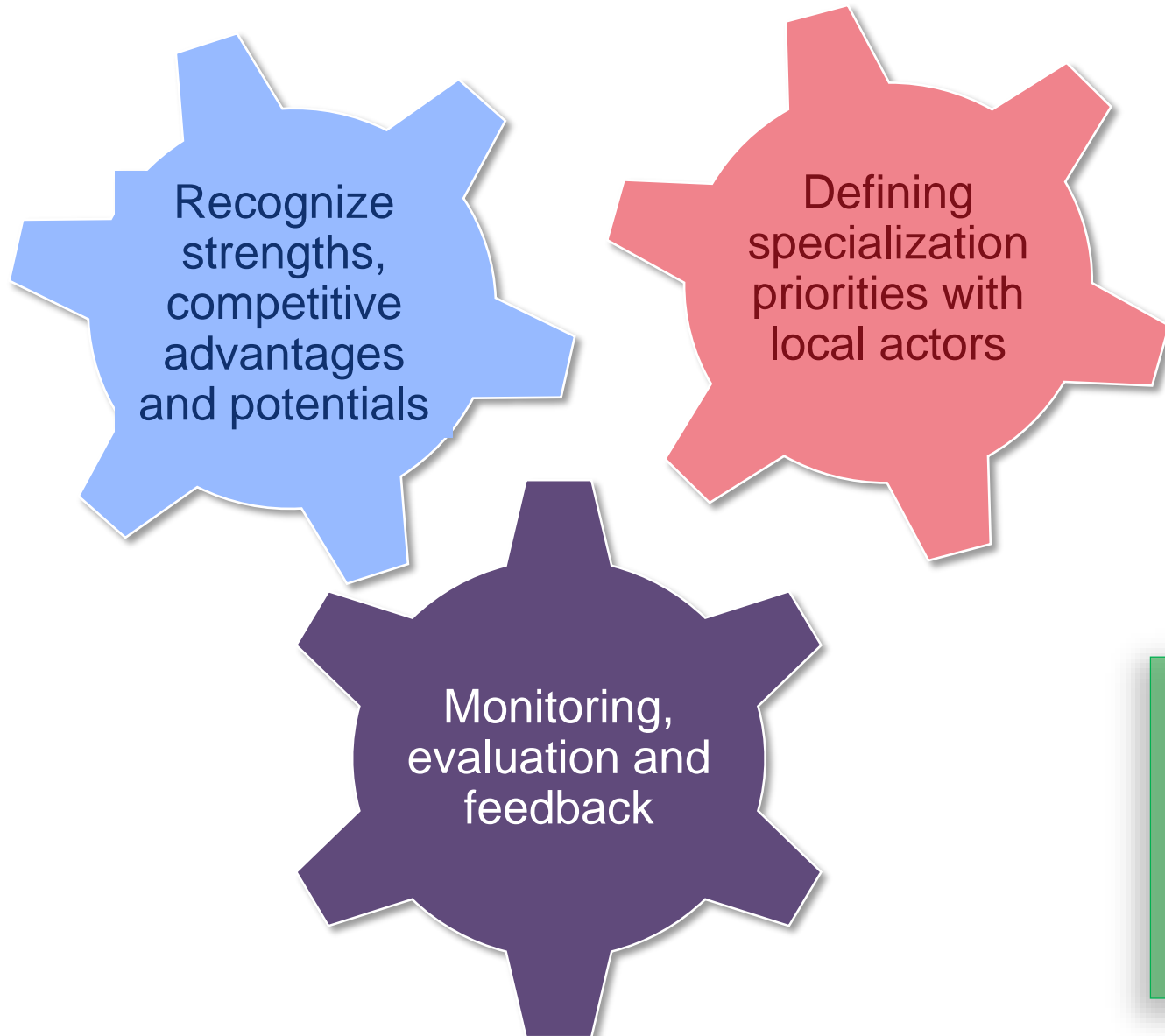


GERD/GDP ratio (%)



**Strategical aim:
3% GERD/GDP
in 2030**

The essence of S3



Eligible condition of EU funds in 2021-2027

Responsible body for planning and implementation:

National Research, Development and Innovation Office

S3 strategic framework 2021-2027



National Digitalisation Strategy

- improve the digital readiness of SMEs
- increase the integration of digital technologies in the economy
- targeted development of ICT sector, esp. start-ups

National RDI Strategy

- create ➤
- transfer ➤
- utilize ➤

➤ **KNOWLEDGE**

National SME Strategy

- strengthen the value-creation of enterprises with high-growth potential
- stable and predictable framework for the whole SME sector

The application of EDP methodology



interactive



bottom-up process



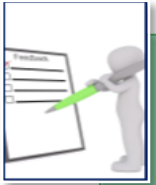
involvement of actors
from different sectors
(quadruple helix model)

- articulating market niches and local **businesses'** **needs**
- identifying **potential strengths** and opportunities for policy- and decision makers

S3 EDP methodology for the period of 2014-2020



methodology
defined by the
EC



S3 county level
workshops +
questionnaires



involvement of
local RDI
ecosystem actors



two different
rounds on county
level

- ✓ 3 national specializations
- ✓ 6 sectoral
- ✓ 2 horizontal national priorities

Lessons learned from the previous period (2013-2020)



Importance of governance during the design and the implementation phases

EDP: substantial and extensive involvement of stakeholders

Implementation of S3 priorities in Calls for Proposals

The importance of interim monitoring and feedback

Management of priorities

Awareness of stakeholders and communication during design and implementation

A new approach of EDP prioritization



Key Finding

Sectoral and too broad priorities,
without defining directions of real specialisation in 2013-2020



2021-2027

better targeted priorities

focus on socio-economic-technological strengths and challenges

Preamble of EDP

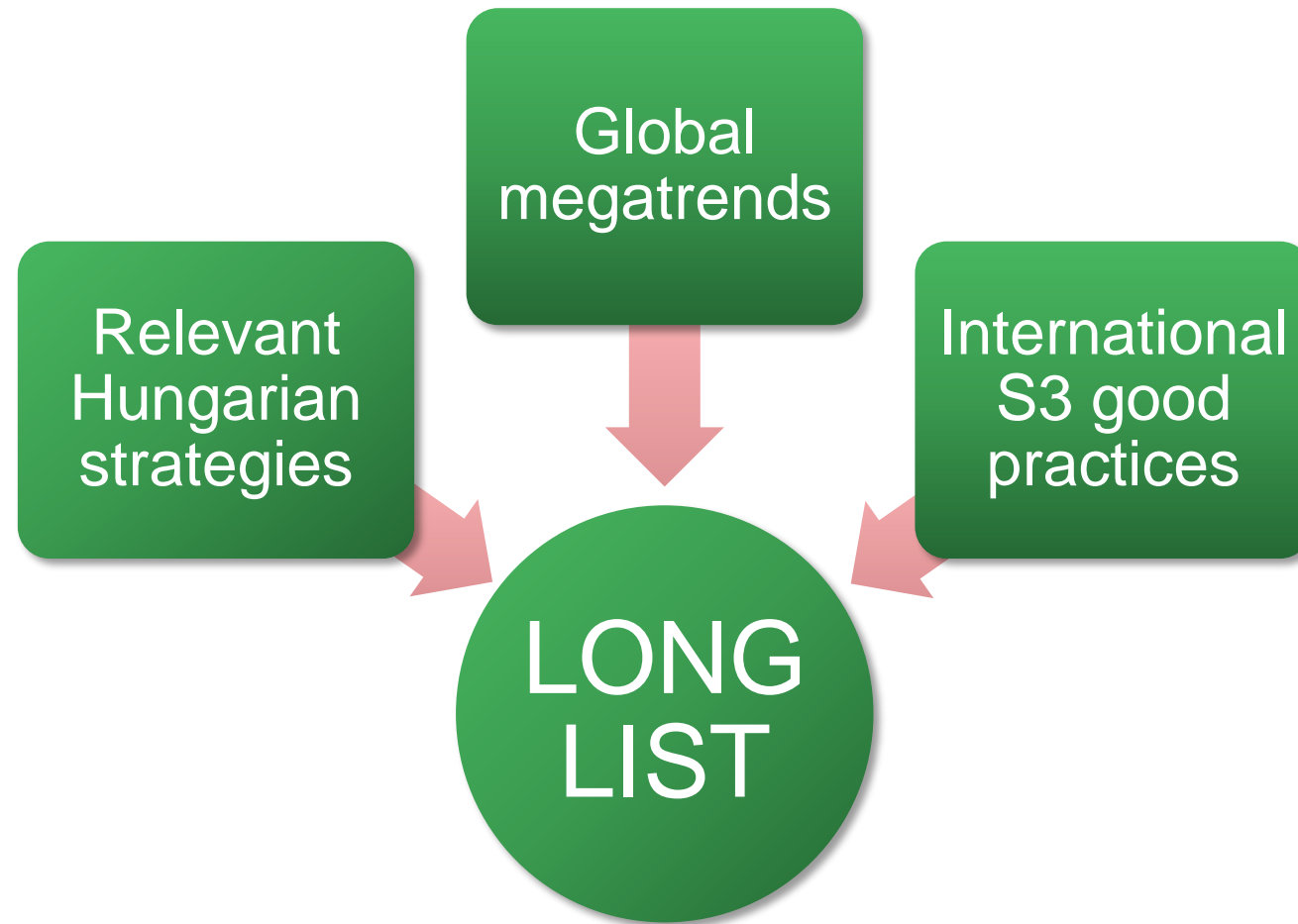


National Innovation Forum (2019)

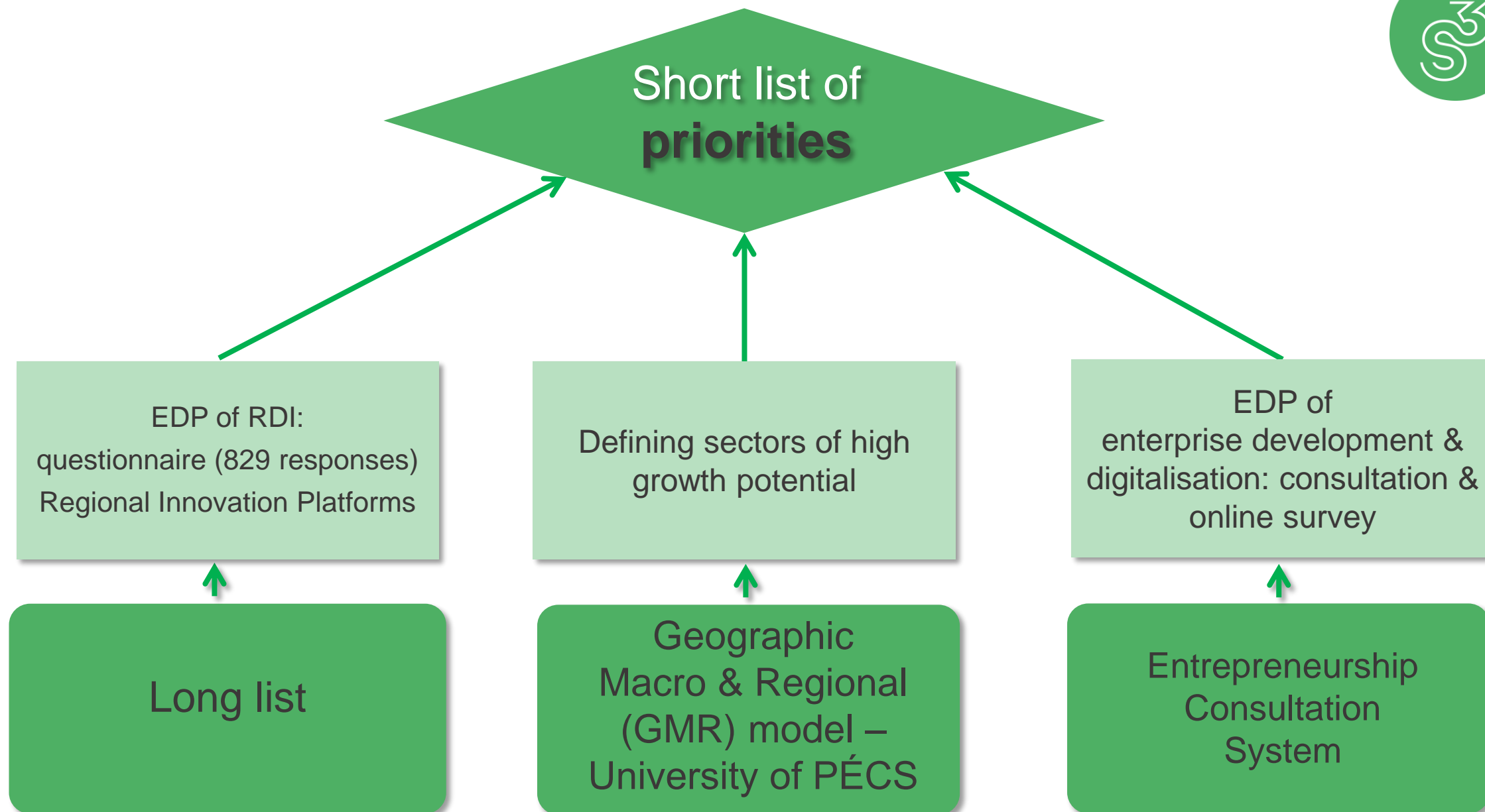
- 25 locations
- 2500 stakeholders
- Accompanied by online consultation



Prioritization 1: Developing the long list of priorities



Prioritization 2



EDP: Regional Innovation Platforms and survey



Regional Innovation Platforms (RIP)

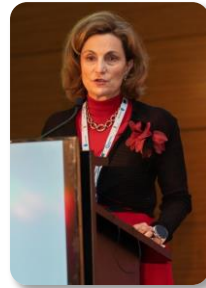
8 venues

1100 participants

S3 survey

2300 respondents

829 filled completely



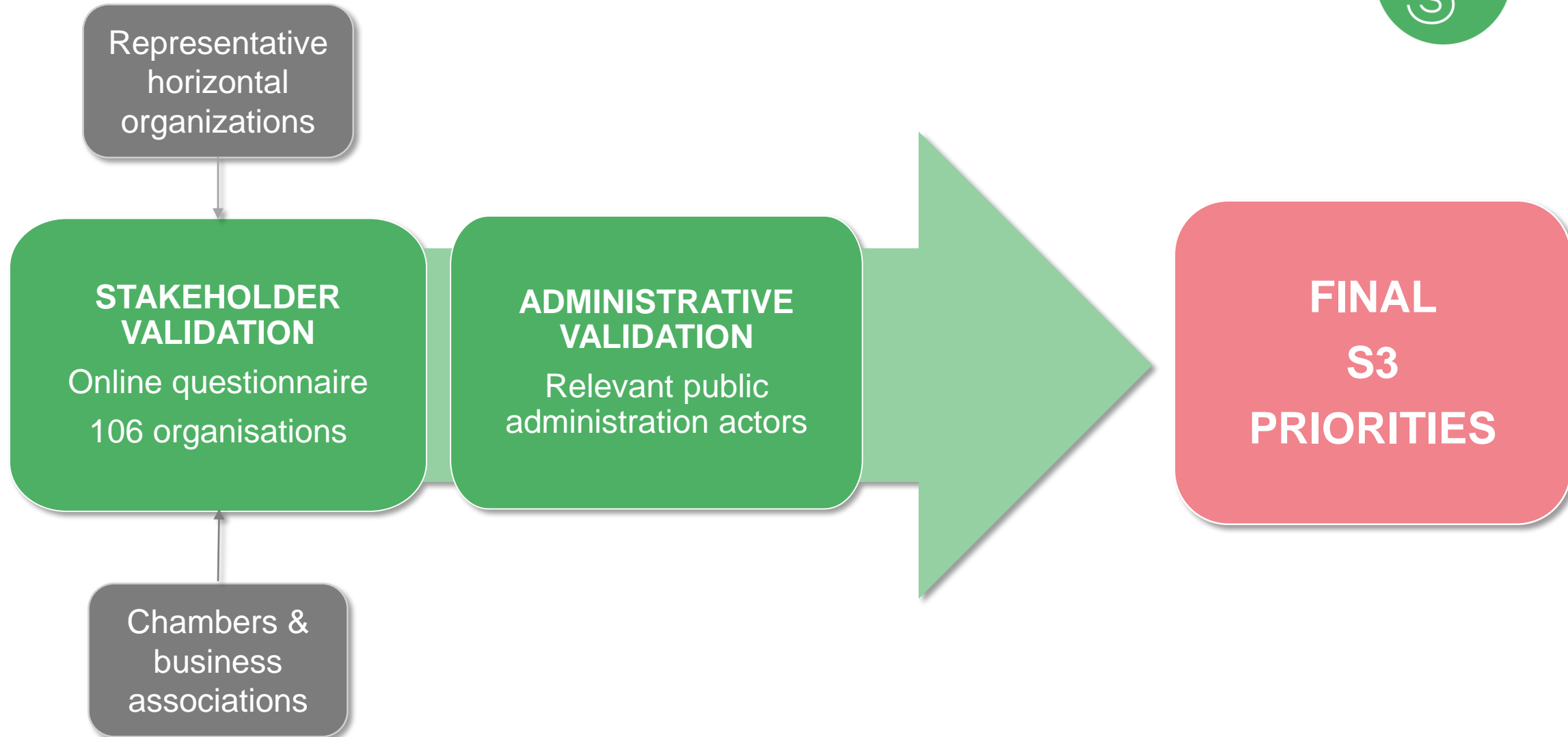
University of Pécs Regional Innovation Platform



- Established in 2019
- Closer cooperation with the university or the innovation stakeholders of the region
- Joining is free of charge
- **New initiative** in 2021: Partner search for cooperation is launched in the field of development of antimicrobial agents



Prioritization 3: validation



Final priorities



VERTICAL



agriculture,
food industry



health



digitalization of
the economy



creative
industry



resource-
effective
production



energy,
climate



services



cutting-edge
technologies

HORIZONTAL

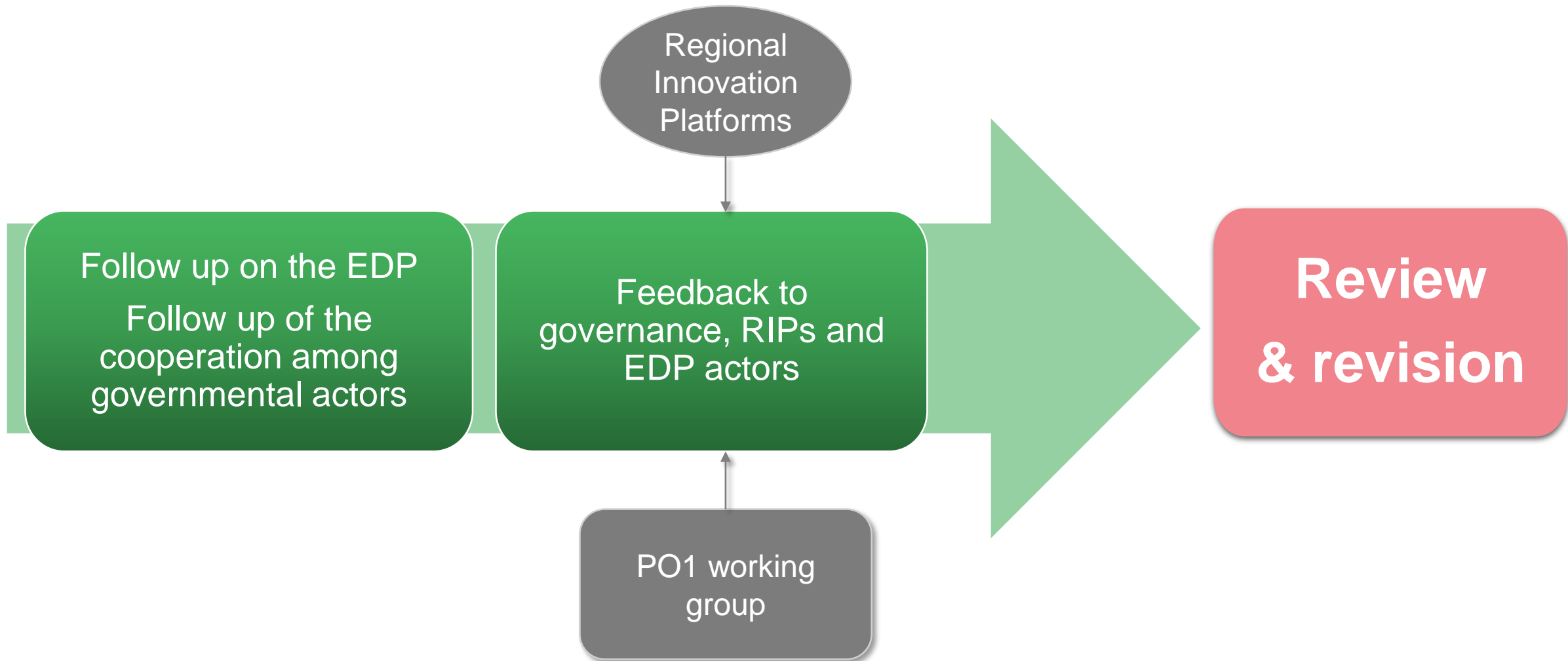


university and public sector
innovation

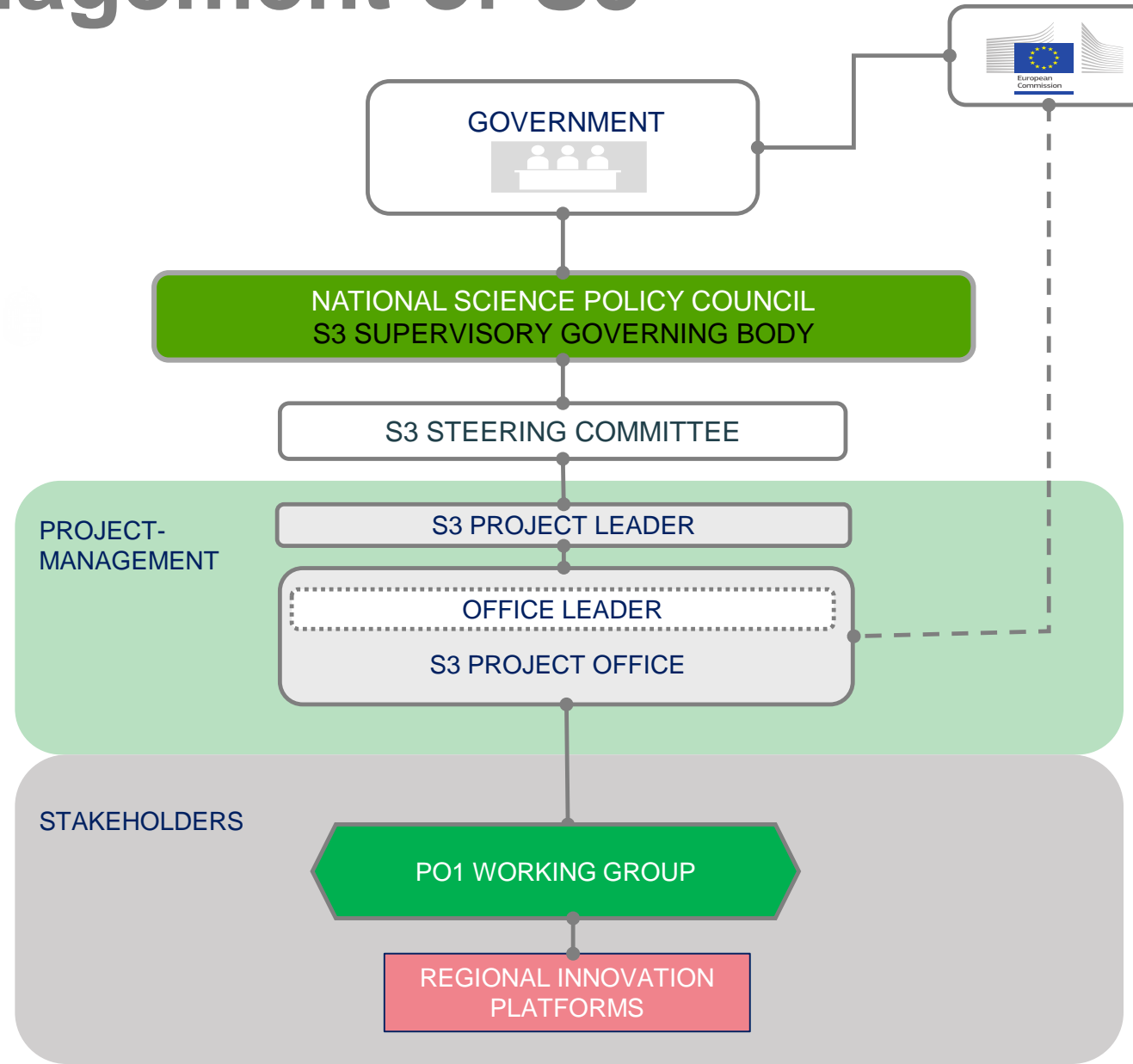


training,
education

EDP in the implementation



The management of S3





Thank you for your attention!

istvan.szabo@nkfih.gov.hu