



Eesti Teadusagentuur  
Estonian Research Council

# Estonian co-fund model and Programme of Participation in EU Partnerships

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Euroopa Liit  
Euroopa  
Regionaalarengu Fond



Eesti tuleviku heaks

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# Background

- As participation in EU R&D partnerships requires substantial co-financing from member states' own sources, Estonia has to prioritize and select the initiatives to which national support will be allocated.
- Programme of Participation in EU Partnerships (a prerequisite for co-funding ERA-NETs)
- The Programme of Participation will be developed in accordance with the time frame of the current RDI Strategy - "Knowledge Based Estonia 2014-2020"

# P2P initiatives (ERA-NETs) needing co-financing:

- Financed by:
  - Sectoral ministry directly ( $\neq$  Ministry of Education and Research)
  - Sectoral ministry + Estonian Research Council co-funding (for era-net)

# Funding priorities:

(Listed in Programme of Participation in EU Partnerships)

1) Interest for the topic from sectoral ministry  
+ overlap with national priorities

2) At least partial funding from sectoral ministry

(Aim: More era-nets can be funded + higher impact)

# Era-Net Cofund

- During 2014-2016 ~10-12 new ERA-NETs per year
- Funding possible for 2-3 per year
- Only the first call with EC top up is funded

ETA<sub>g</sub> (%?) + sectoral ministry(%?) + 33% EC

# Main barriers

- Input for priorities needed from sectoral ministries
- Co-fund %?
- Not always possible to follow the procedure?

# Structural funds

– not applicable in ERA-NET Co-fund scheme.

Have been used for the ERA-NETs 2nd and 3rd calls (Mobilitas Pluss programme)

# Coordination Estonian participation in EU partnerships

## **The aim:**

- To set the principles for the participation in partnerships
- Describe the process of decision-making;
- Describe the role of the different parties

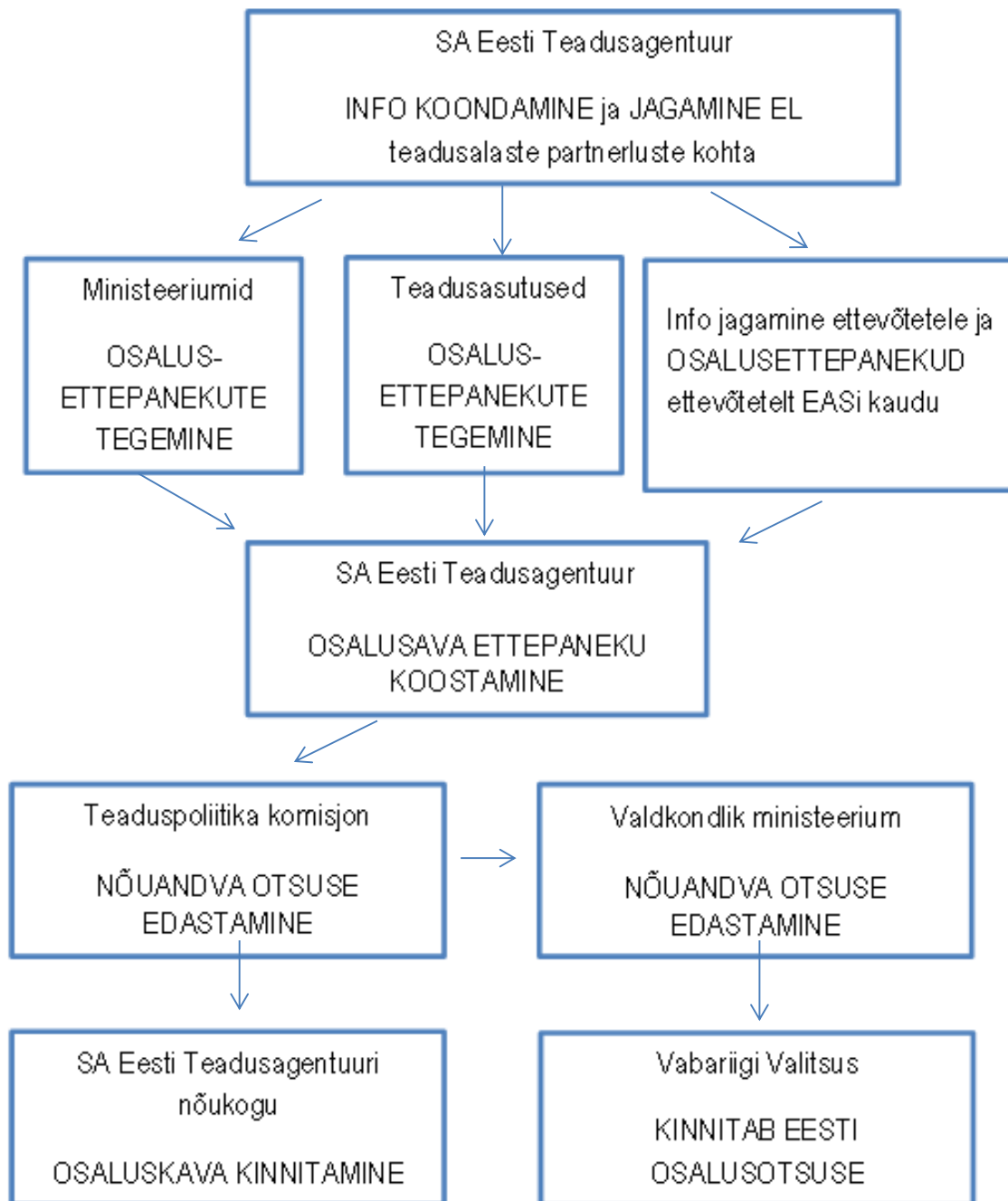
## **Principles:**

- Participation contributes to the socio-economic challenges where own resources are insufficient, and where transnational cooperation is needed;
- Participation contributes to the achievement of the objectives of the development plan;
- Participation will contribute to the social, economic and scientific developments related to the achievement of the objectives;
- Participation is necessary for new competencies and for the support of internationalization of science and excellence.

## **Prerequisites**

- Estonia has a sufficient capacity and level (science, business, and / or national level);
- European research infrastructures (ESFRI) roadmap objects should be in the Estonian Research Infrastructures Roadmap list;
- The initiatives, which require the existence of a national program will be supported if it is in the activity plan of the sectoral Ministry.



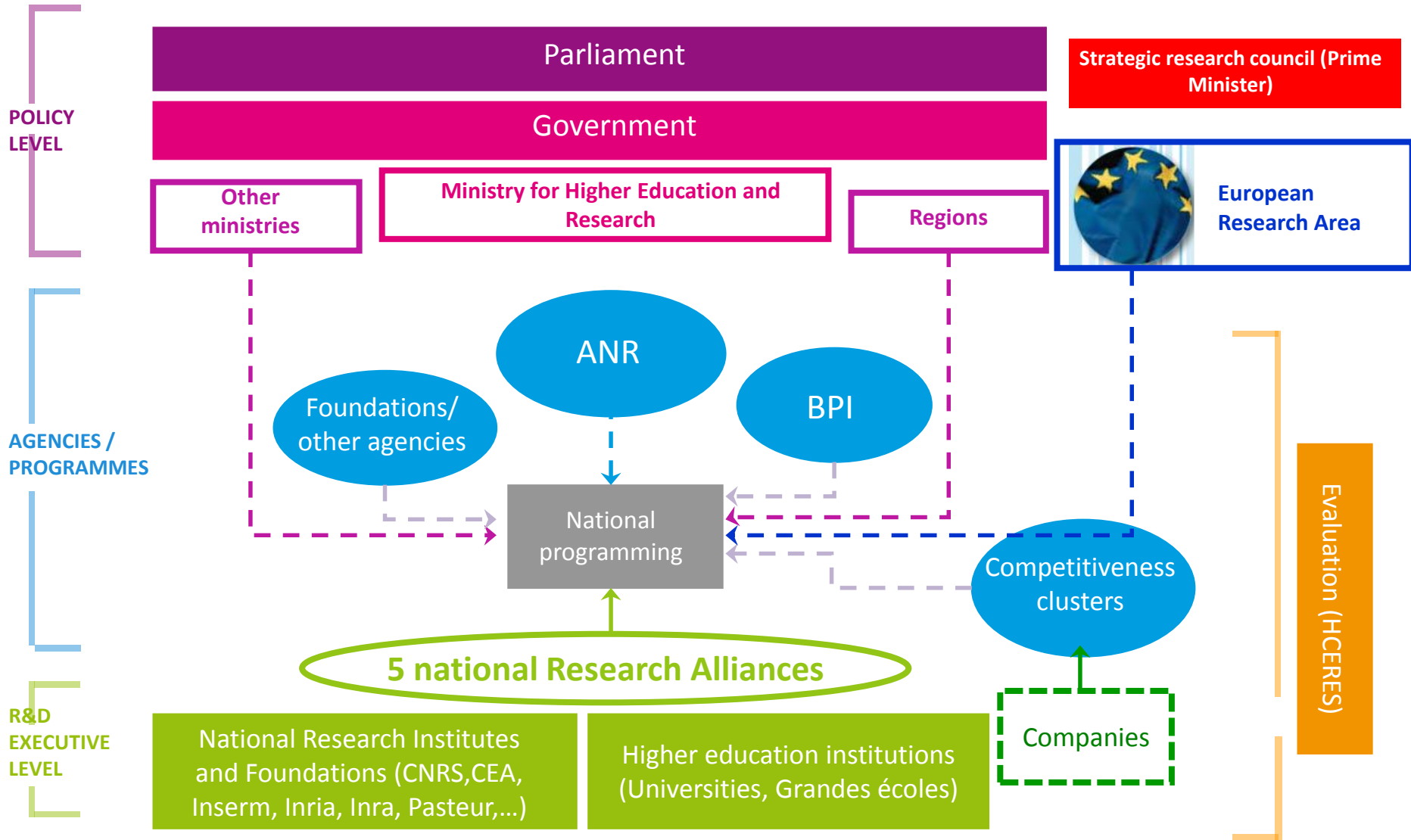


MLE Alignment, Slovenia, 2016/12/15

# PRESENTATION OF FRENCH MIRROR GROUPS



# The French research and innovation system



# The French R&D performers



## Higher Education institutions

- More than 80 public and private universities
- More than 150 Grandes Ecoles (Ecole Polytechnique...), Campus of excellence



## Public Research institutions

- 8 Public research institutions (CNRS, Inserm, Inra, Inria...)
- 6 Government-funded technological research organisations (CEA, CNES, Ifremer, Cirad...)



## Private research institutions

- Private foundations with public funding : Pasteur and Curie institutes, numerous research foundations...
- Private research focusing on 5 sectors of excellence: aeronautics, communication equipment, automotive, IT services and pharmaceuticals

# Since 2009: 5 national research alliances

- ✓ Enhance synergies between public research organisations, and with private and industrial partners
- ✓ Contribute to the elaboration of the national research strategy and thematic roadmaps
- ✓ Participate in the Research Infrastructure strategy and implementation
- ✓ Contribute to the annual work programme of the funding agency ANR
- ✓ Support and enhance European and international collaborations



# French national research strategy (2015-2020)

“France-Europe 2020”, published in April 2015



Stratégie nationale  
de recherche  
FRANCE EUROPE 2020

Focusing on 10 societal challenges

- Sustainable resources and adaptation to climate change
- Secure, clean and efficient energy
- *Industrial rebirth*
- Health and wellbeing
- Food security and demographic challenge
- Mobility and sustainable urban systems
- *Information and communication society*
- Innovative, inclusive and adaptive societies
- A space ambition for Europe
- Liberty and security for people

ANR (National Research Funding Agency)

For French members of JPI GB, 1 is from ANR, 1 is from the relevant Alliance (except for JPICH).

Alliances (RPOs organized according to scientific domains): 3 deal with JPIs (health, environment and humanities)

### Mirror Group for each JPI:

- Chaired by JPI GB members
- Coordinated by MESR
- With relevant stakeholders (other ministries, RPOs)
- In some cases: other funders, private actors

GB  
JPI

GPC

MESR (Ministry of Research and Higher Education) as the coordinator ministry

European & International Affairs

Scientific expertise Sectors

### Mirror Group for GPC:

- Coordinated by MESR
  - With one key player per JPI (Chair, EB/GB member)
- ➔ MESR, ANR and RPOs are represented

+ General coordination for international programming in Environment (JPIs, ERA-NETs...) under the supervision of MESR / To be done for Health topics...

Other ministries: Health, Environment, Agriculture, Culture (depending on JPIs)

# Public budget for research and higher education

- The budget line from the State for research and higher education (MIREs): 26 billion €
- 23 billion € to the Ministry for Higher Education and Research
  - 12,75 billion € to universities
  - 2,5 billion € for student social services
  - 7,75 billion € to research institutions and ANR (500 M €)



# Research funding from other ministries

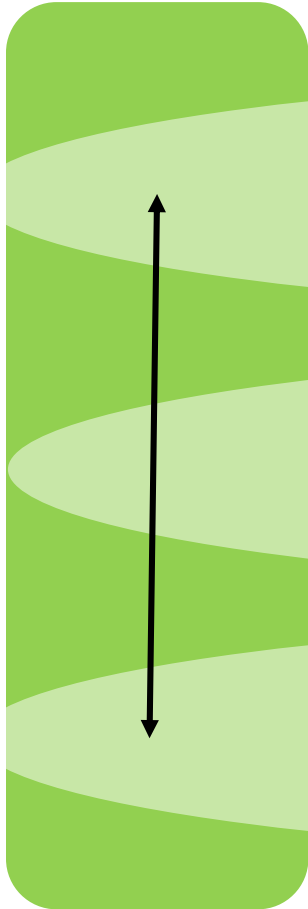
- Agriculture : DG Education and Research →  
2,5 M € for research
- Ecology (including energy, transports, urbanism, etc.) : 1,4 b €
  - RPOs (CEA, IFSTTAR...)
  - ADEME (funding agency) – 30 M € for research
  - Direct management from the « General Commissariat for Sustainable Development » /  
Direction Research and Innovation (little money...)

# Specific budget for Health

- Ministry of Health
  - DG Health (thematic / public policies) → no money for research
  - DG « Care Organization » with an instrument for clinical research (PHRC) → around 100 M €
  - DG « Social Cohesion » with a little budget for research (ageing, handicap...) through the CNSA → around 5 M €

# Coordination process

ENVIRONMENT



HEALTH



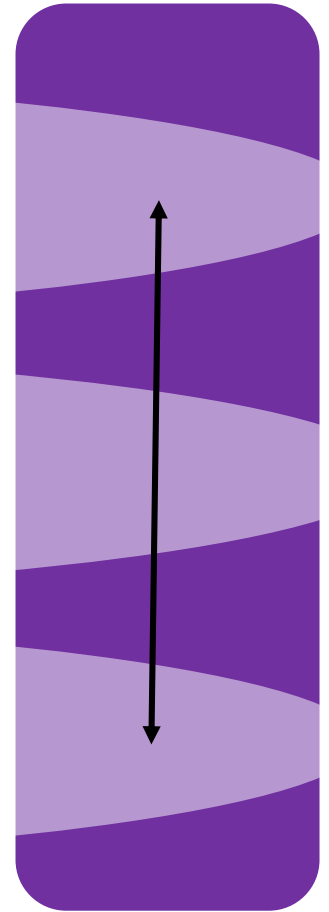
ENERGY



ITC



SSH



5 scientific departments in the Ministry for Research

5 scientific departments in the ANR (funding agency)

The Five Alliances (RPOs)

# Decision-making process

- First level : National Research Strategy
- Second level : RPOs - Example of the Alliance « Allenvi »
  - **INRA** : agriculture, agronomy, nutrition...
  - **IFREMER** : sea and oceans
  - IFSTTAR : transports
  - **IRD** : research on development
  - **IRSTEA** : agriculture
  - CIRAD : agricultural research for development
  - Météo France
  - BRGM : geology
  - CEA : energy (atomic and renewable)
  - + **CNRS** and CPU (universities) that are multidisciplinary...
- Third level: ANR (budget available?)