



SEKCE  
MÍSTOPŘEDSEDY  
VLÁDY PRO VĚDU,  
VÝZKUM A INOVACE

**SYNERGIES WITH RESEARCH AND INNOVATION FUNDS:  
STAIRWAY TO EXCELLENCE  
03 MARCH 2016**

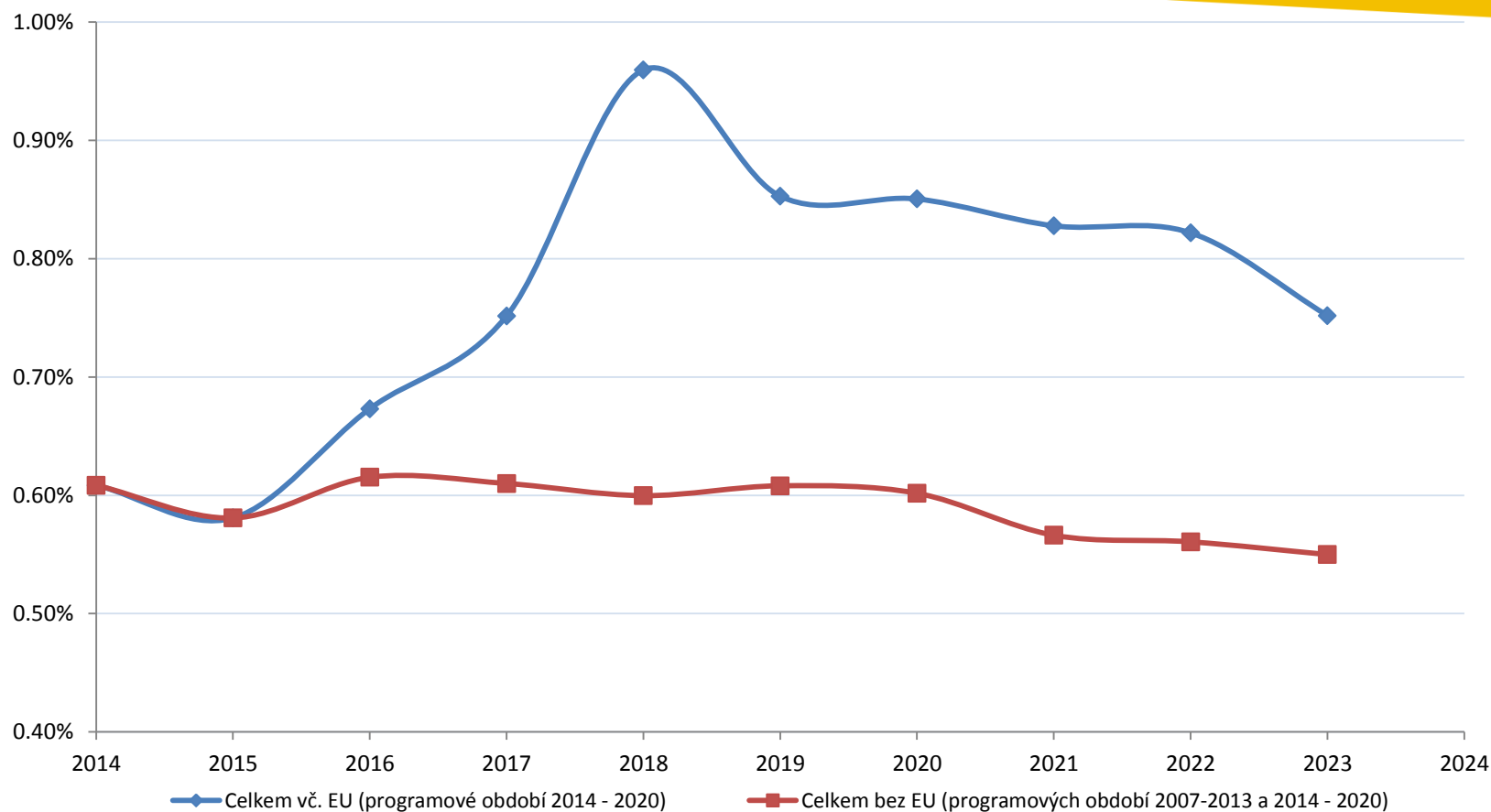
**Mgr. Arnošt Marks, Ph.D.**

# MODELING PUBLIC SPENDING FOR R&DI AS A % OF GDP

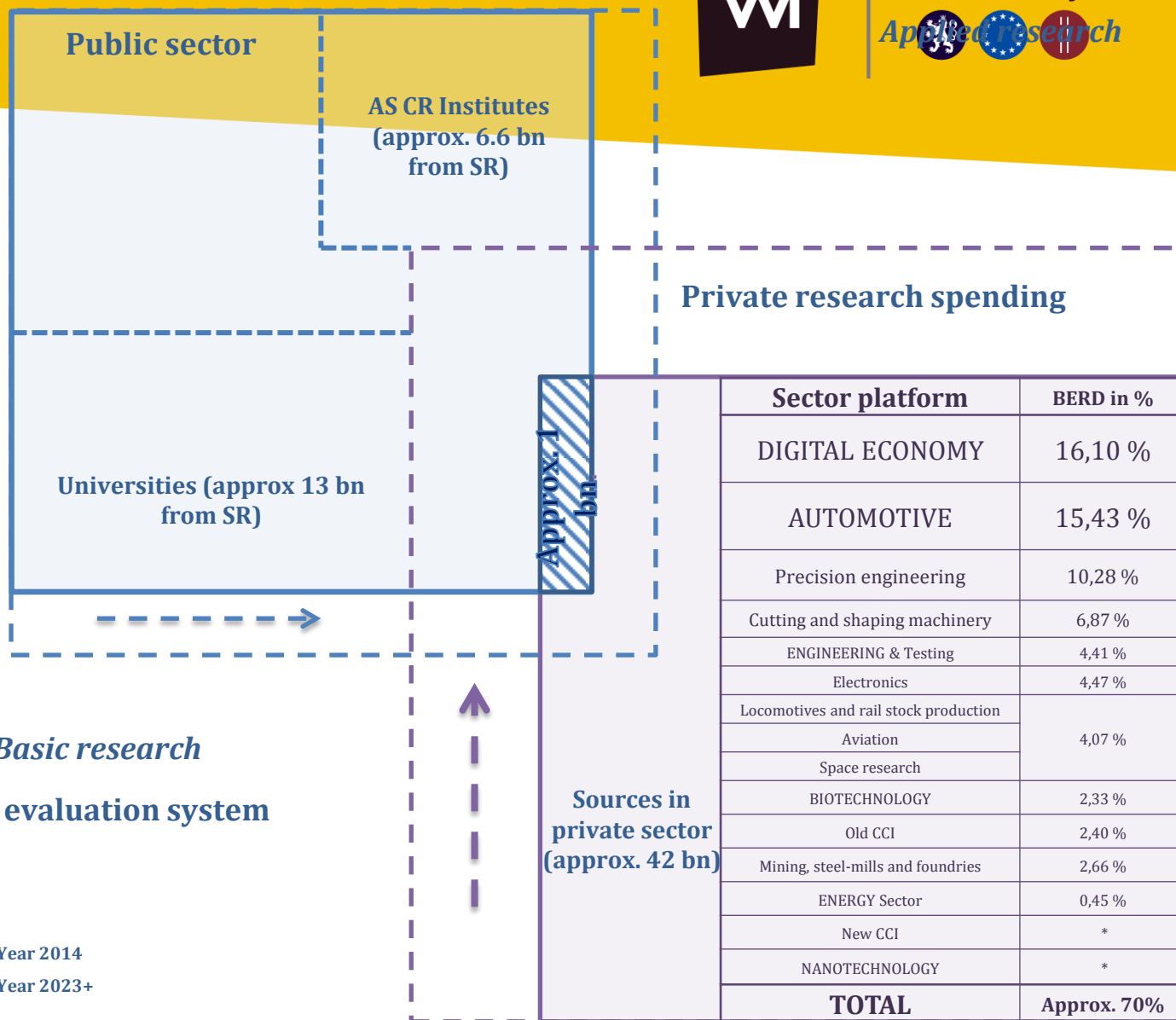
## MODEL 1: LONG-TERM OUTLOOK



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# NEW APPROACHES TO R&DI MANAGEMENT



cca 30 % HPH

Source: CSO, Eurostat

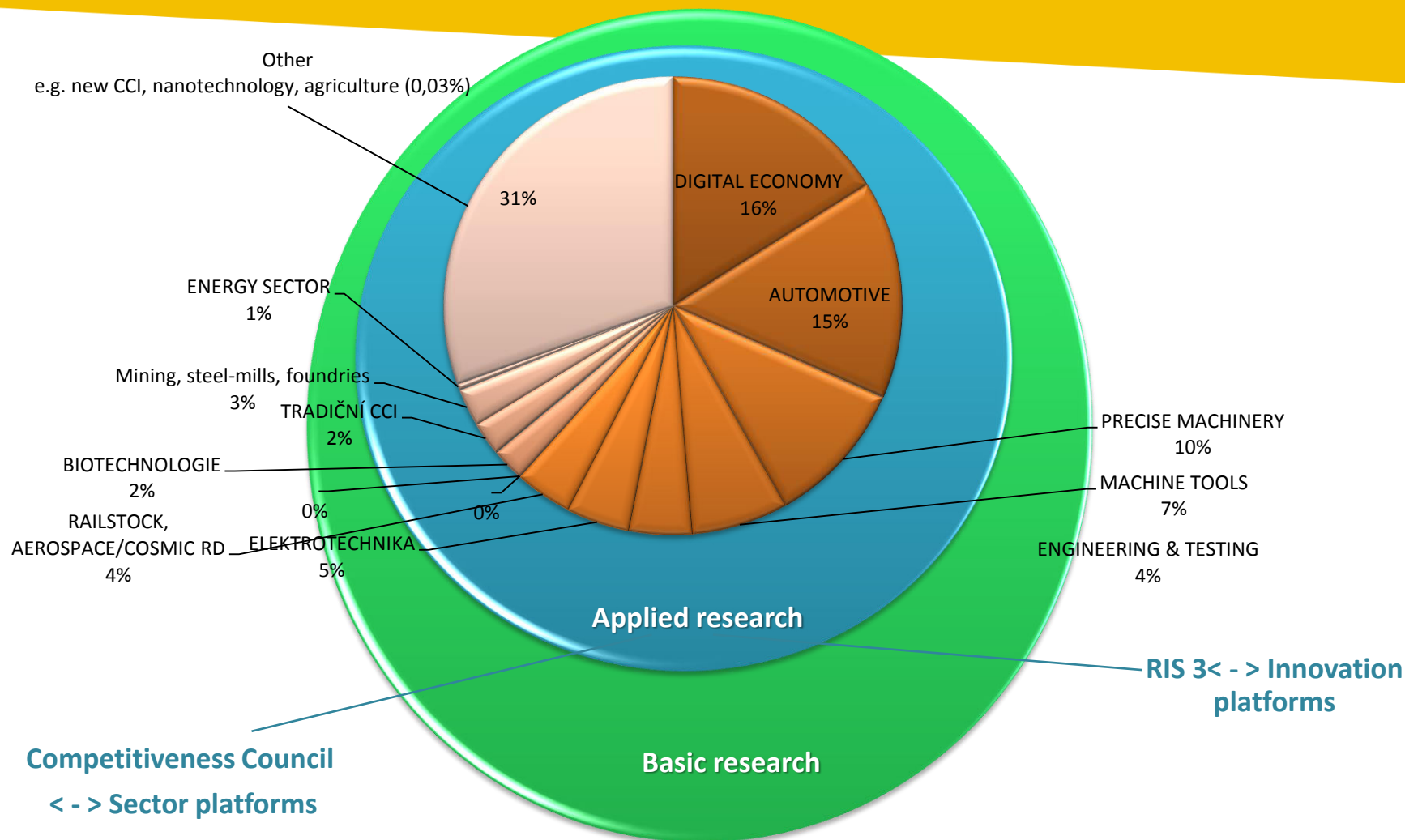
\* Data not available



# APPLIED RESEARCH MANAGEMENT PRINCIPLES



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Source: CSO- BERD in 2013

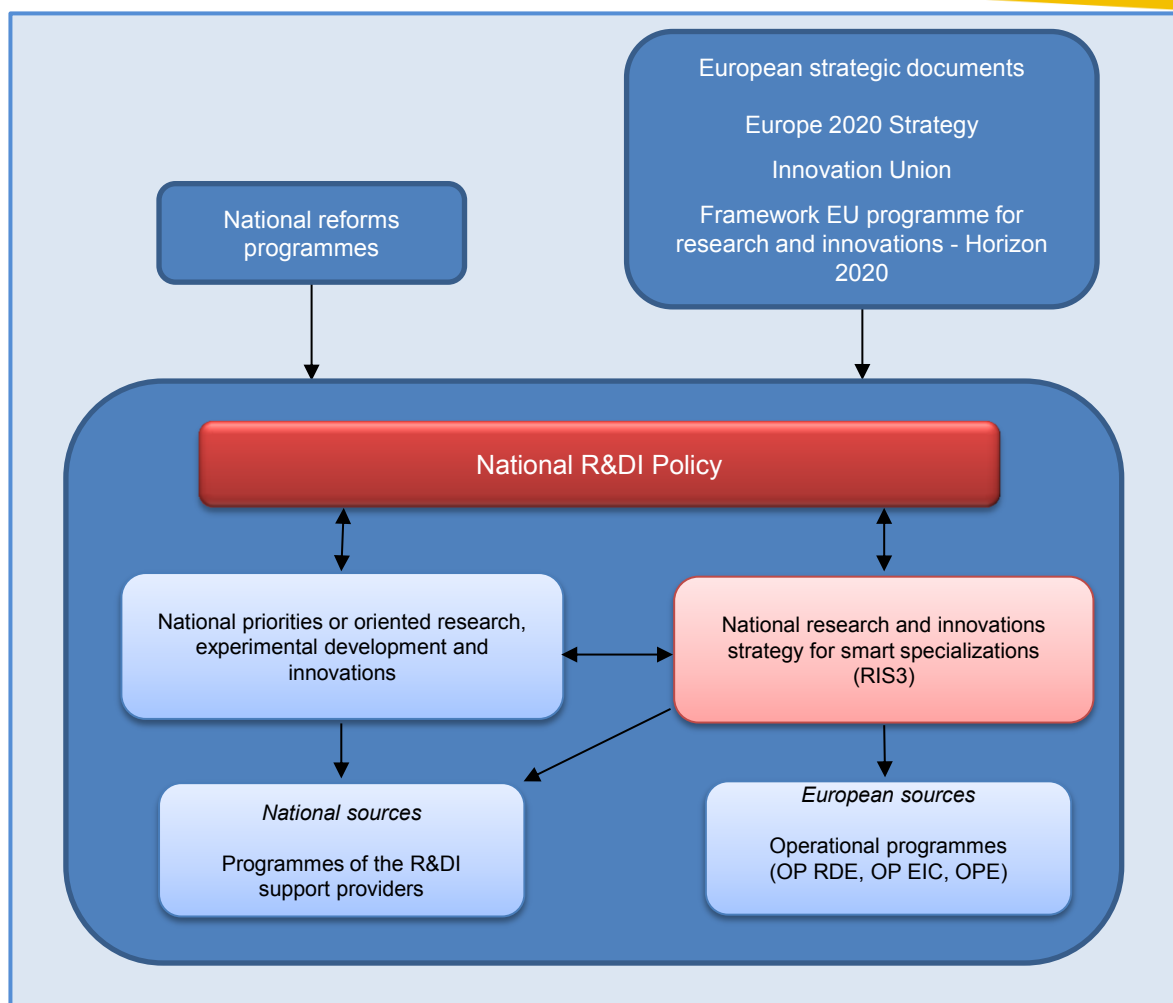


- **The 2016 National R&DI Policy (R&DI NP) was approved by Government Resolution 135 on 17 February 2016**
- **Starting point for R&DI NP 2016:**
  - Analysis of R&DI 2014
  - Current needs and developments trends on national, European and global levels
  - Documentation evaluating objectives and measures under 2013 R&DI NP provided by the Technology Centre ASČR
  - Additional data (audit, Competitiveness Council data ...)

# LINKS BETWEEN KEY DOCUMENTS IN R&DI



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## Strategic objectives of the 2016 R&DI NP:

- Strategic **support for applied research** focusing on current and future **demand** of enterprises and the society.
- Create stable, efficient, strategically **managed** and financially **sustainable system** of research and innovations activities.
- Create a stable and **high-quality research sector** ready **opened to cooperation** and knowledge sharing with private sector.



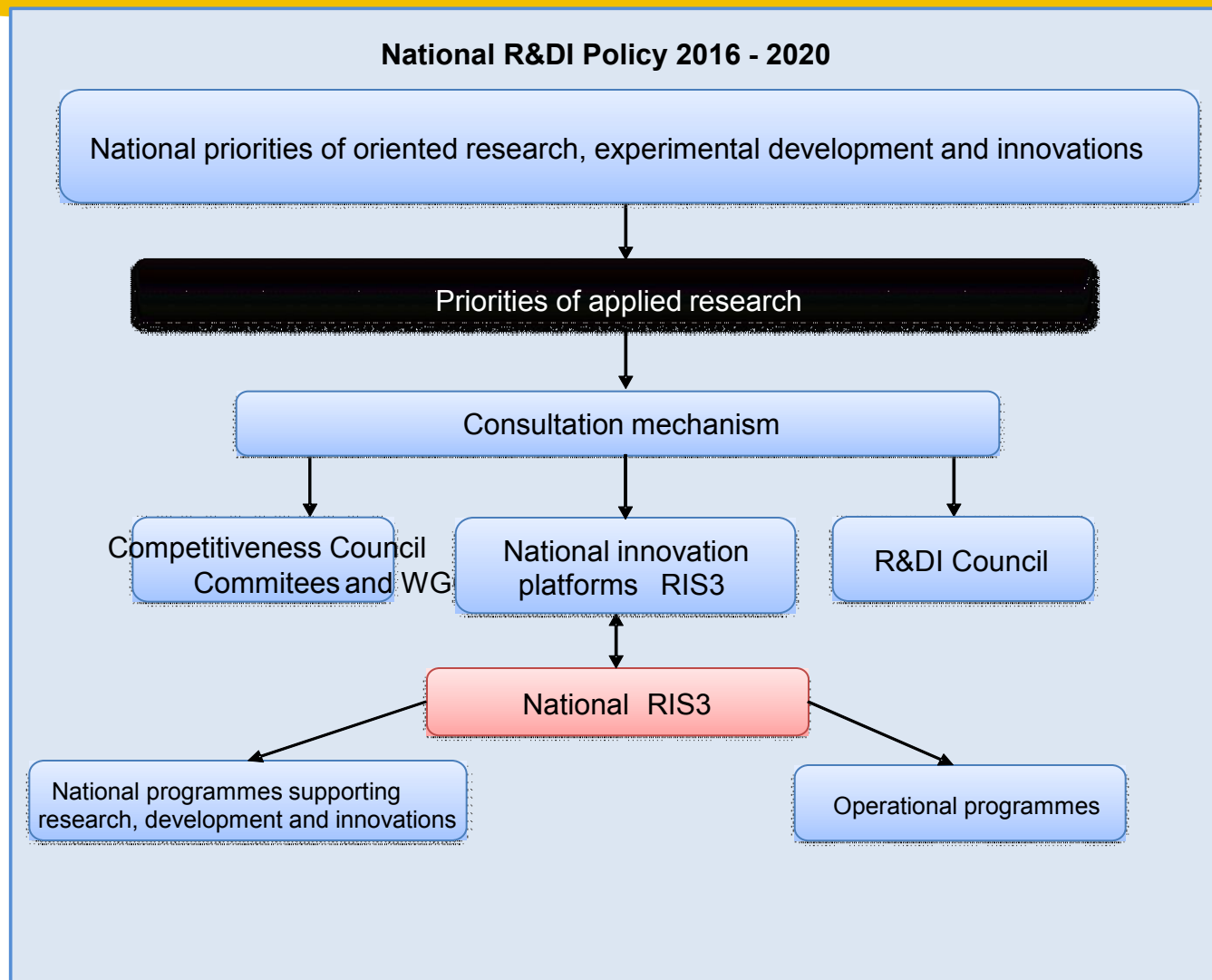


## Strategic objectives of the 2016 R&DI NP :

- Increase innovation performance of enterprises and private RD spending in ČR



- R&DI NP newly introduces a continuous process of evaluation and consultation of demand side i.e. private sector needs
- These needs will be continuously integrated into programmes supporting applied research and will correspond to the demands of the private sector and other users.
- Indicative set of themes in Annex 5 to the R&DI NP will serve as a base for further specification of priorities of applied research (30 June 2017)





- **Safety**
- **Chassis systems**
- **Electric and electronic equipment in vehicles**
- **ITS, Mobility & Infrastructure**
- **Virtual development**
- **Material processing, manufacturing processes**



Recapitulation EDP consultation process with representatives of the economy and companies

- Last year discussions and agreements across all sectors resulting in set of priority RaD themes
- Mid year 2016 finalisation of verticalisation priorities:
  - Research themes for the sectors
  - KET for the sectors
  - Action plan of consultations with NIP 2016+
  - Mechanism of continuous EDP consultations and links to implementation of the OPs



## ○ Practical development:

- Summer - detailed set of priorities to be debated for specific calls within the Operational Programmes OPEIC and OP RDE
- End 2016+ programmes financed from the state budget to get some degree of verticalisation

# LINKS IN NATIONAL RIS3 AREAS



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MIT  
OPEIC, TRIO

INNOVATIONS, POTENTIAL, APPLICATION, PRE-COMMERCIAL PUBLIC PROCUREMENT, KNOWLEDGE TRANSFER PARTNERSHIPS, COOPERATION, INNOVATION VOUCHERS, INFRASTRUCTURE SERVICES, ICT and SHARED SERVICES ...

TAČR  
Epsilon,  
Centers

SPECIFIC SUPPORT CALLS IN THE EPSILON PROGRAMME AND IN COMPETENCE CENTERS taking into account the EDP

MEYS  
OP RDE

SPECIFIC FORM OF CALLS IN PRIORITY AXIS  
1 - Strengthening capacities for high-quality research and PA 2 – Development of Universities and Human Resources for research and development

MEYS  
NPU I, II

Modification of Calls within the context of the RD&I NP and RIS3

Institutional  
support

MODIFICATION OF EVALUATION SYSTEMS AND THE FOLLOW UP SYSTEM OF INSTITUTIONAL SUPPORT

- NIP I. – Engineering – **08 March 2016**
- NIP II. – IT – **08 March 2016**
- NIP III. – Transport – 16 February 2016
- NIP IV. – Pharmaceuticals – 23 February 2016
  - 4<sup>th</sup> round of NIP I. – IV. – **April / May 2016**
- RIS 3 text final version of the text – **June / July 2016**





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# Thank you