

# Support of Research, Development and Innovation

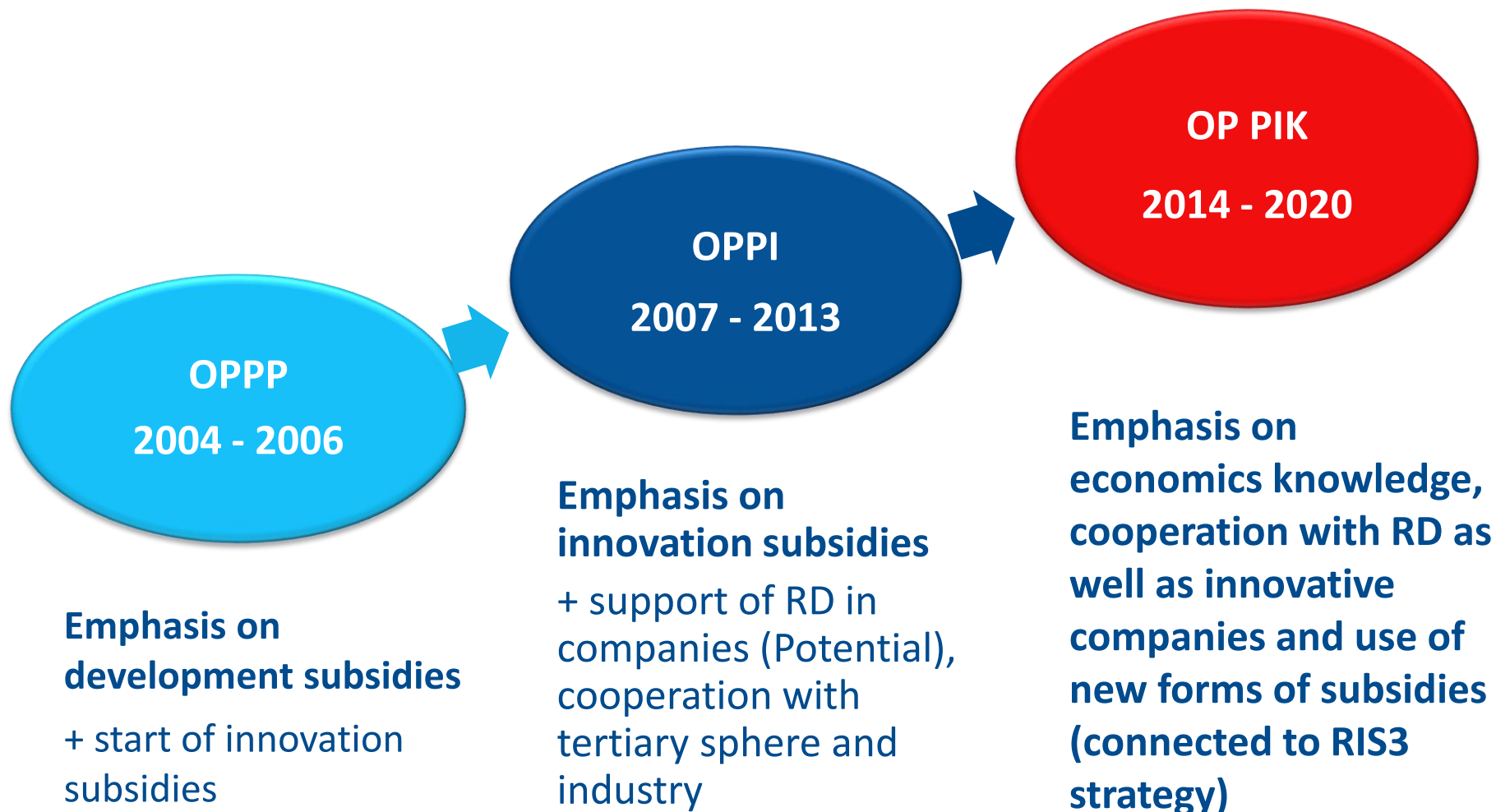
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# Experience of MIT with operational programmes



# Differences between OP PIK and OPPI

## Subject extent

- wider engagement of interventions (**applied industrial research**, wider engagement in energetics, new high-speed Internet),
- more branches for support (even agriculture),
- wider/narrower range of recipients (**emphasis on SMEs, wider engagement with universities and public research institutions**),
- higher portion of financial tools, integrated tools – ITI

**Higher allocations** for OP PIK at decrease of financial means for CR (**4.331 bil EUR**; sources ERDF) – from that Priority Axis I (RDI support) – 35 %

# OP PIK Orientation – Priority Axes (PO)

**PO 1** Expansion of research and development for innovations

**PO 2** Development of business and competitiveness of SMEs

**PO 3** Efficient management of energy, development of energetic infrastructure and renewable energy sources, supporting the introduction of new technologies in the area of energy and secondary raw materials treatment

**PO 4** Development of high-speed networks for Internet access, and information and communication technologies

# PO 1 – Expansion of research and development for innovations

- RD and innovations,
- Cooperation among the public, educational, research and business sectors,
- Company RD centres,
- Implementation of innovations in companies,
- Connection to the RIS3 National strategy



## Changes compared with OPPI

- Higher emphasis on higher level innovations, visible effects in other branches and over the borders of domestic economics
- Maximum exploitation of current RDI infrastructure (quality services)
- In the area of clusters to educate excellent clusters that will generate quality RDI outputs and will be able to take part in projects of the framework program “Horizon 2020”
- Higher emphasis on non-technical innovations – orientation on higher efficiency of production processes, implementation of procedures and marketing innovations

# PO 2 – Development of business and competitiveness of SMEs

- Business infrastructure,
- Establishment and expansion of SMEs,
- Internationalization of business, partner networks, sophisticated guidance
- Support of technical education



## Changes compared with OPPI

- Motivating entrepreneurs to set up companies by means of **risk capital and microloans**
- Providing **guidance and services for starting companies**, e.g. through business incubators
- Consultancy of experts which know the international environment and can **guide strategic management and innovation management**, e.g. mentoring, coaching, foresight

# Support Programms OP PIK

PO1	PO2	PO3	PO4
<b>Innovations Potential</b>	<b>Technology Consultancy</b>	<b>Renewable energy sources</b>	<b>High-speed Internet</b>
<b>Applications</b>	<i>Risk capital</i>		
<i>PCP</i>	<i>Expansion</i>	<b>Energy savings</b>	
<b>Knowledge transfer partnership</b>	<b>Marketing</b>	<b>Smart grids I.</b>	
<b>Cooperation Innovative vouchers</b>	<b>Immovables</b>	<b>Low-carbon technologies</b>	<b>ICT and shared services</b>
<b>Infrastructure services</b>	<b>Training centres</b>	<b>Energy savings in SZT</b>	
<i>Proof of Concept</i>		<b>Smart grids II.</b>	

**Note:** *The programmes written in bold letters have already been prepared and approved by the Czech Government*

# Classification of PO1 OP PIK

## **Specific goal 1.1 – Enhancement of company innovative efficiency**

- Support the implementation of innovations in companies, mainly technological (modified programme INNOVATIONS)
- Support the setting up and expansion of company research as well as development centres (current programme POTENTIAL)
- Support projects of industrial research and development with outputs as prototypes, pilot plants, materials and software (programme APPLICATIONS)

## **Specific goal 1.2 – Development of cooperation between the business segment, public education and research institutions**

- Support for business innovation centres (BIC), research parks, clusters, technologic platforms, specialised serviced for innovative SMEs, innovative vouchers, etc.



# What shall be respected concerning OP PIK?

## Limited support to big companies

- After complicated and long negotiations with the EC, the support for big companies was limited to 20 % of allocation for PO 1, PO 3 (without SC 3.6) and PO 4 (without SC 4.1), big companies cooperating with SMEs shall be preferred
- Financial contribution must not cause a significant loss of working positions regarding existing distribution within the EU

## New requirements for recipients

- Obligation of the applicant for support to reasonably **disclose** the extent of the **structure** of its ownership to ensure transparency and avoid potential conflicts of interest
- According to Art. 2 par. 10 of the General Regulation ESIF, individuals are not eligible for support from the ERDF
  - **However, we managed to enforce the eligibility of self-employed individuals to become recipients of support**

# TRIO

- **New programme for applied research support** prepared by MIT
- The programme realization period: **2016 – 2021**
- Anticipated volume of support for the programme – 3,7 mil CZK
- Scope – **extension of the Czech Republic's potential in the area of key technologies** (KETs) (photonics / micro- and nanoelectronics / nanotechnologies / industrial biotechnologies / advanced materials / advanced production technologies) and the **increase of the applicability of the RDI results** at those technologies in the business sector
- The maximum allowable support for a project may be 80% of eligible expenses
- **VO** can receive **up to 100%** support (non-economic activities only)
- Expected announcement of the first tender is expected in October / November 2015

# Thank you for your attention

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