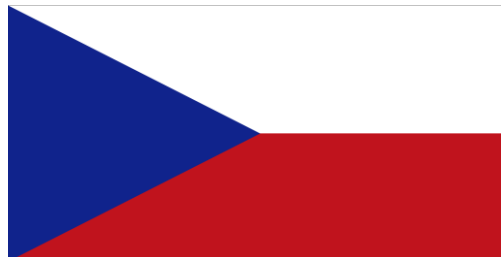


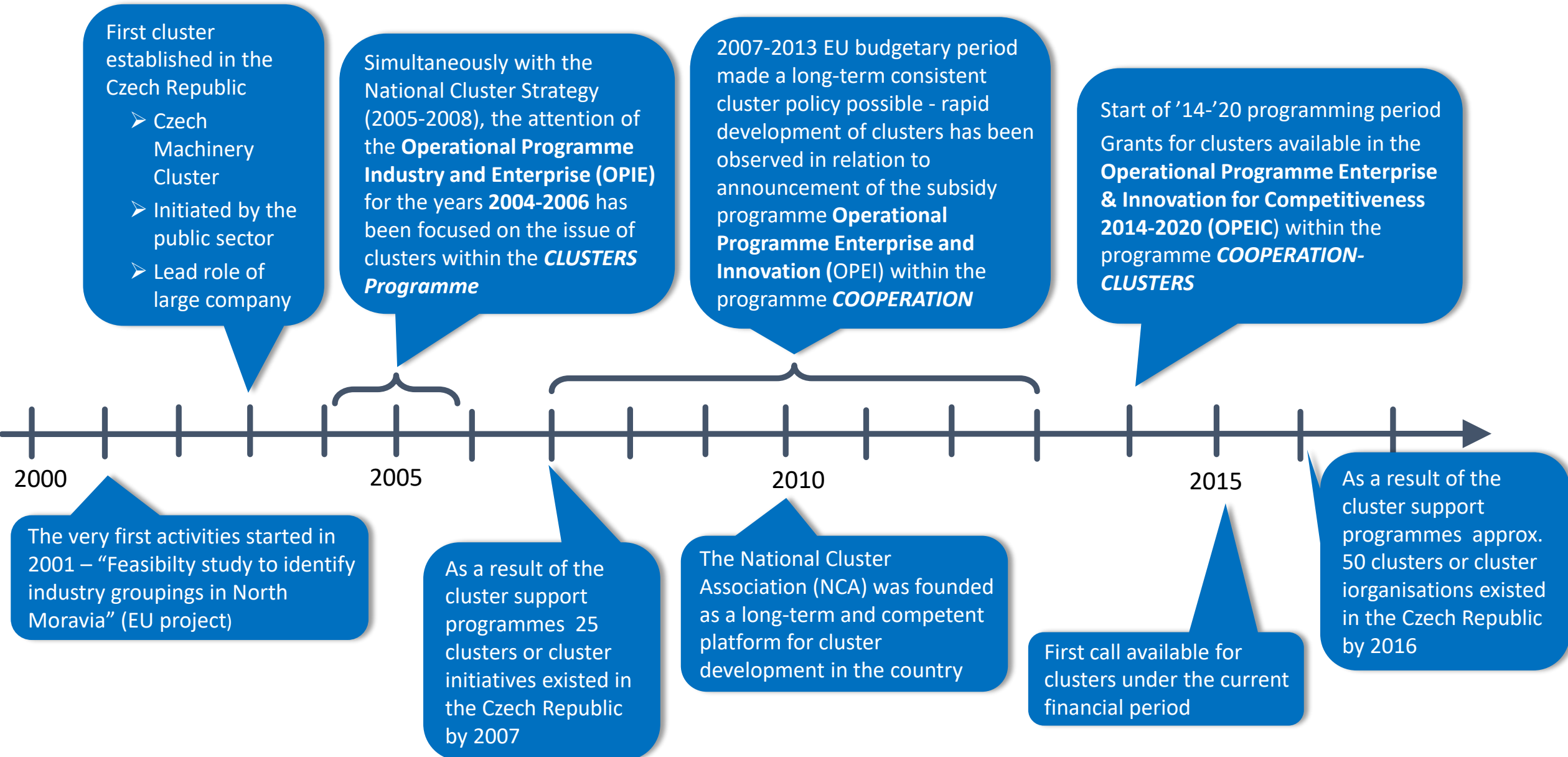
# Cluster Policy Report

## **V4 CLUSTER POLICIES AND THEIR INFLUENCE ON THE VIABILITY OF CLUSTER ORGANISATIONS**

### **CLUSTER POLICY IN THE CZECH REPUBLIC**



# Cluster programmes in the Czech Republic



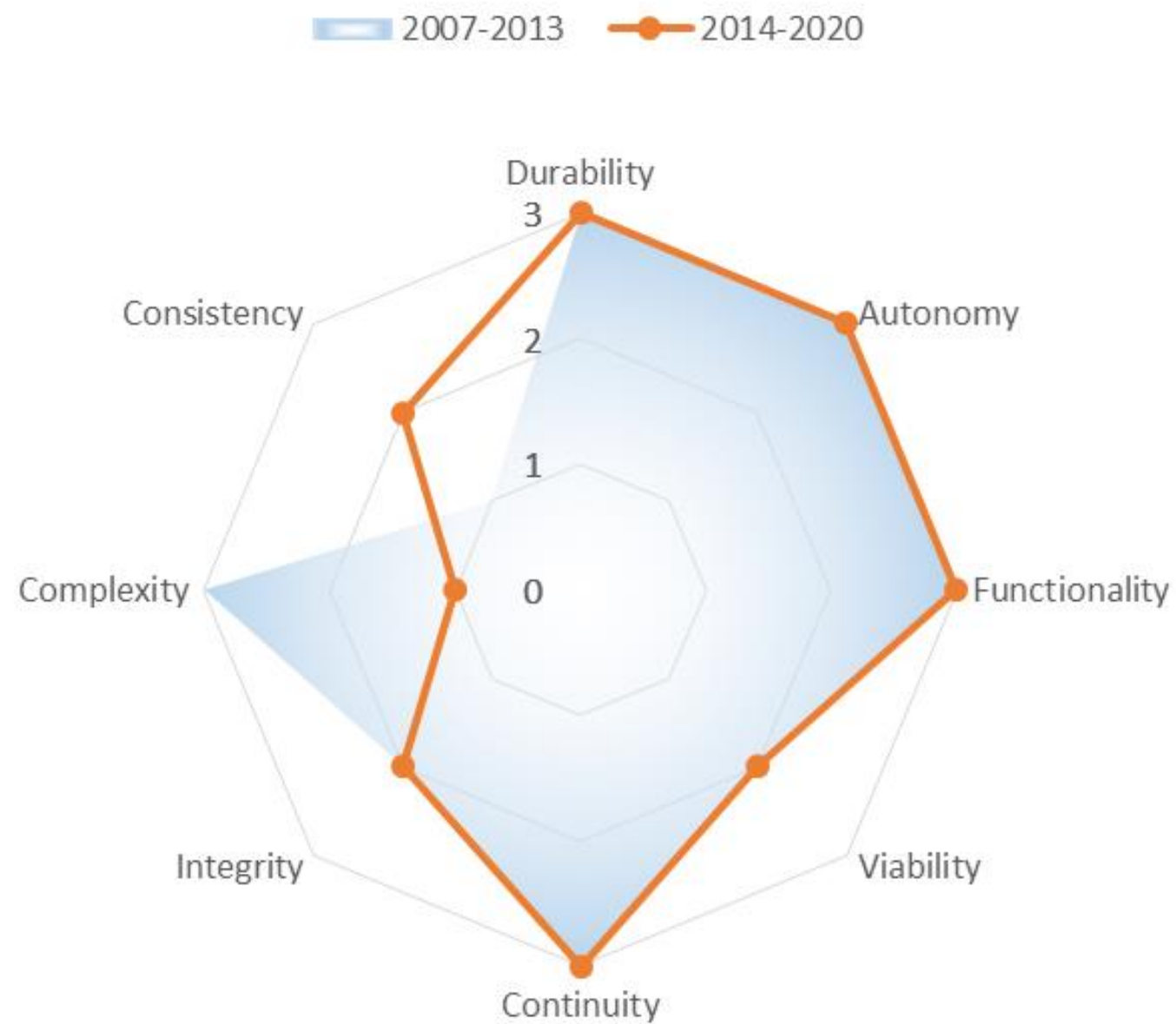
# Relevant strategies, programmes and calls for COs in Czechia (2007-2020)

	Period 2007-2013	Period 2014-2020
Cluster related policies/strategies	<ul style="list-style-type: none"><li>• National Cluster Strategy 2005-2008</li><li>• National Strategic Reference Framework of CR</li><li>• National Innovation Strategy 2005-2010</li><li>• National Innovation Policy 2005-2010</li><li>• SMEs Support Strategy</li><li>• Regional Innovation Strategies</li></ul>	<ul style="list-style-type: none"><li>• National Innovation Strategy 2012-2020</li><li>• International Competitiveness Strategy 2012-2020</li><li>• SMEs Support Strategy</li><li>• Regional Innovation Strategies</li></ul>
Other cluster related strategies/methodologies	<ul style="list-style-type: none"><li>• National cluster policy – certified methodology</li><li>• Regional cluster policy – certified methodology</li><li>• Innovation potential for clusters in CR – specialized map</li></ul>	<ul style="list-style-type: none"><li>• n. a.</li></ul>
Cluster related calls/funding programmes	<ul style="list-style-type: none"><li>• Operational Programme Enterprise and Innovation:<ul style="list-style-type: none"><li>* COOPERATION - Clusters I., y2008</li><li>* COOPERATION - Clusters II., y2010</li><li>* COOPERATION - Clusters II.-prolongation, y2012</li></ul></li><li>• Regional Operational Programmes</li></ul>	<ul style="list-style-type: none"><li>• Operational Programme Enterprise and Innovation for Competitiveness:<ul style="list-style-type: none"><li>* COOPERATION - Clusters – internation., cluster development, y2015</li><li>* COOPERATION - Clusters - collective research, y2016</li></ul></li><li>• Regional Operational Programmes</li></ul>

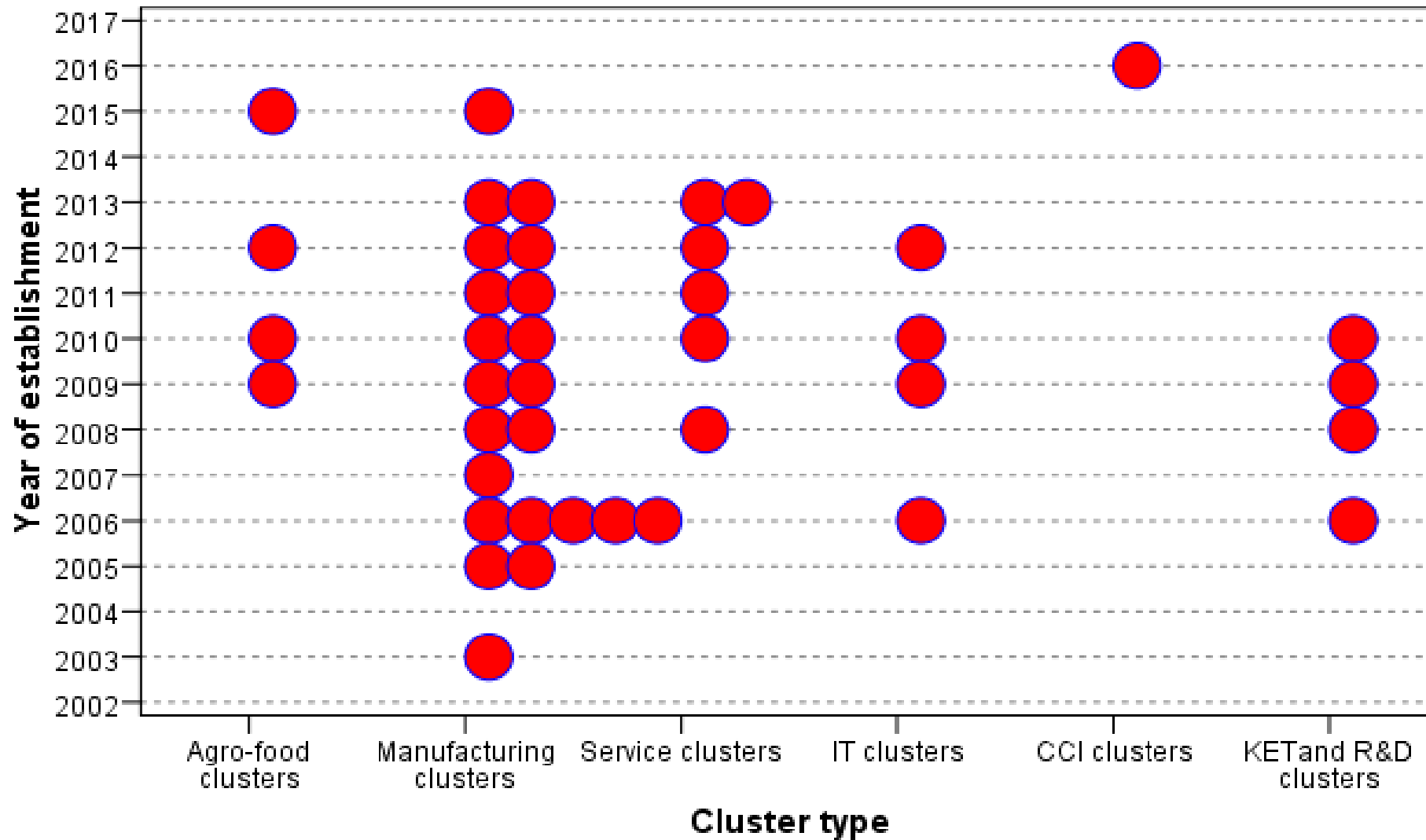
## Czech Republic - documents - national level (comparison in time)



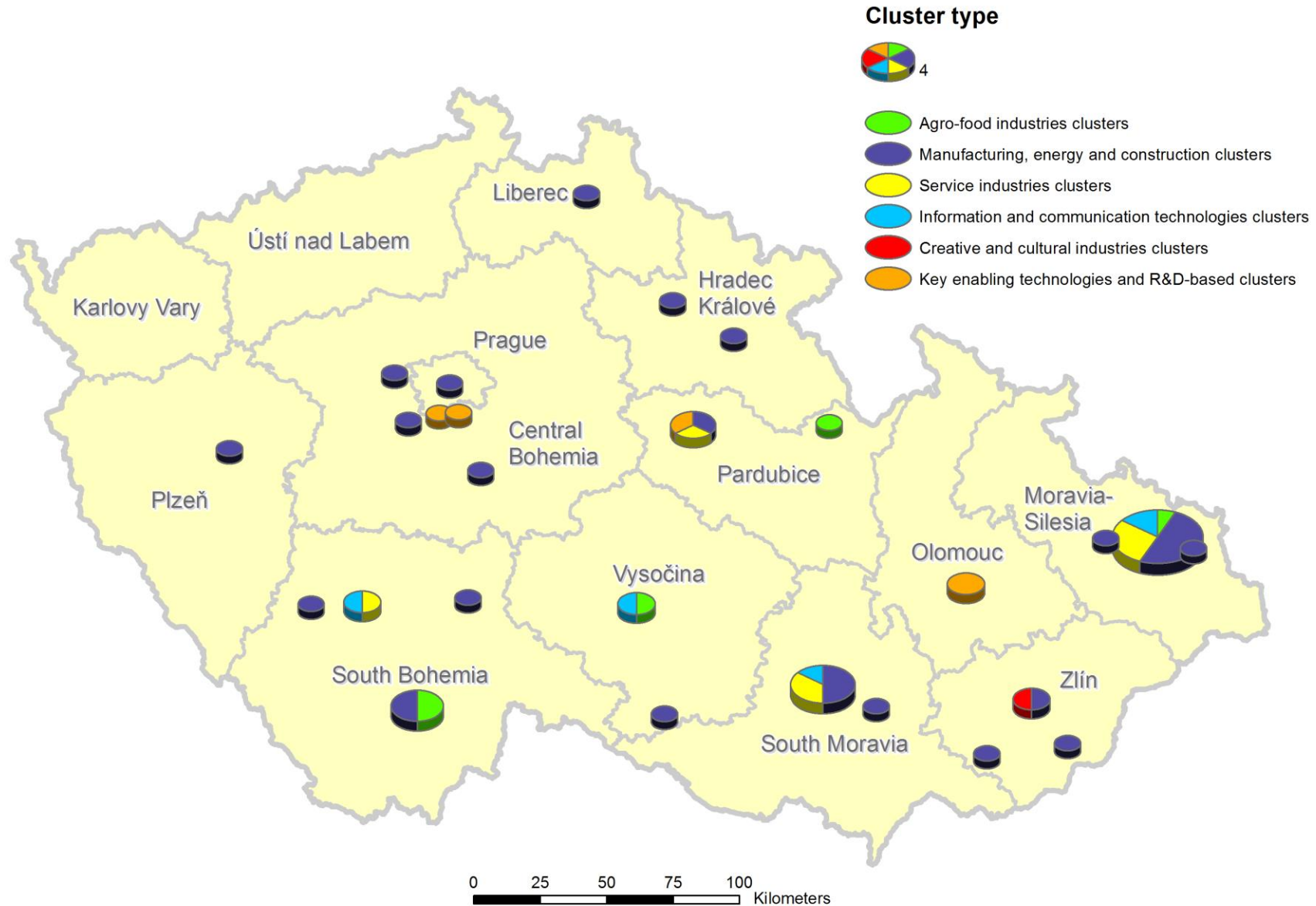
# Czech Republic - programmes - national level (comparison in time)



**Years of COs establishment by type in Czechia (2003-2016)**



# Spatial distribution of COs by type in Czechia (2016)



## **BEST PRACTICE - The National Cluster Strategy (2005 - 2008)**

### Main lessons learned

Cross-sectoral awareness and cooperation between national and regional level

Respecting the Triple Helix concept

Concerning on innovation and emerging industries (?) of SMEs respecting smart specialisation

Enhancing cost and knowledge sharing – RIS3

Evaluation monitoring of clusters

Relation to the Structural Funds



## **BEST PRACTICE –** Continual programme support of COs development

### Main lessons learned

Financial support system as a significant incentive of COs development

Financial support respects different stages of COs development

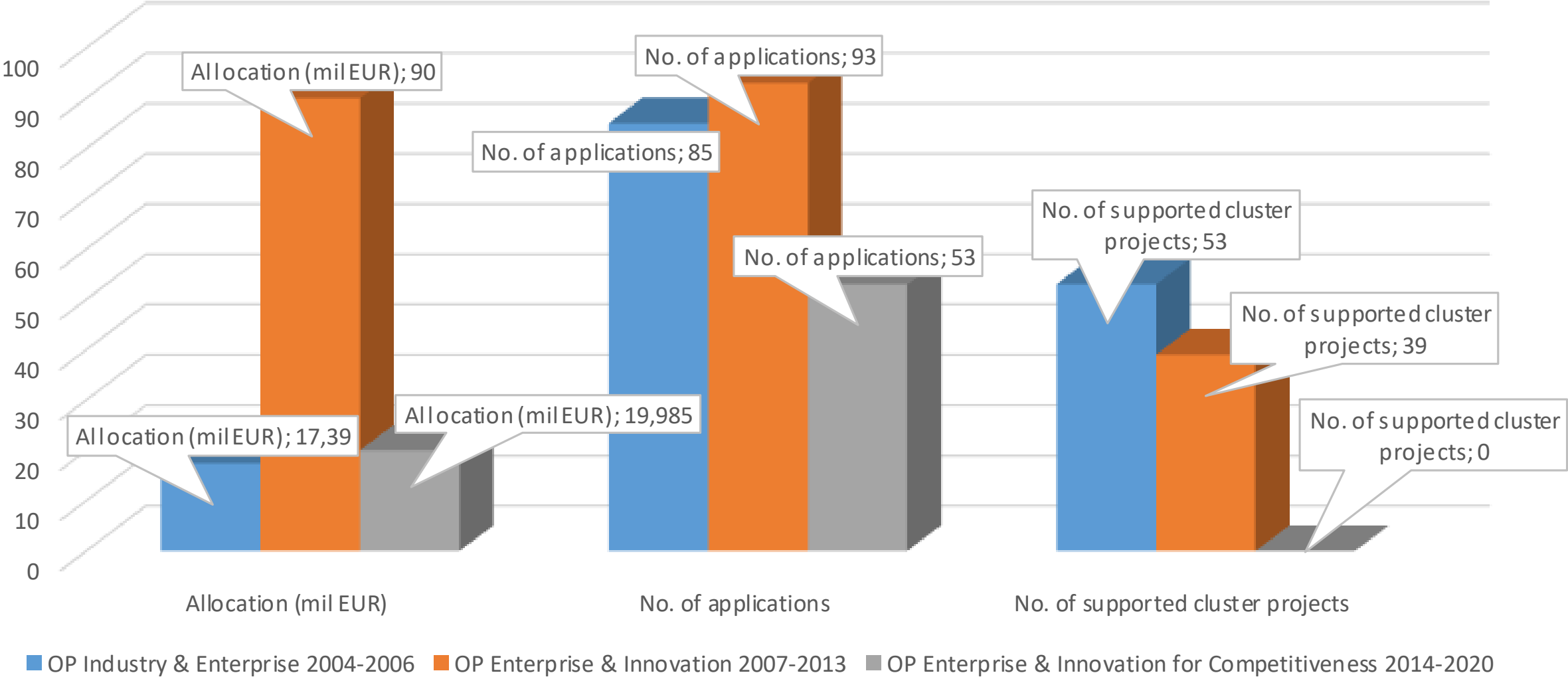
Evaluation of potential to be successful in spending programme money effectively

Testing for fulfilment of evaluation COs' criteria before launching the proposal

Clearly defined indicators of success as a motivation for COs development

Support of innovation projects, cooperation with R&D institutions and internationalisation with positive impact on SMEs

# Operational Programmes Related to Clusters in Czechia



# RECOMMENDATIONS FOR THE IMPROVEMENT OF CZECH CLUSTER POLICY

Smart Cluster Policy Model	Where are we in the <b>Czech Republic</b> ?	What is necessary to improve in the <b>Czech</b> cluster policy?	How can it be improved?
<p>Cluster can appear in any industry within competitive advantage of the given territory</p> <p>Inclusion of all government sectors and industries in the cluster support scheme</p>	<p>Support of COs is limited only to traditional industries.</p>	<p>The public funding for all industry sectors within COs</p> <p>Cluster policy should set goals to be achieved in terms of increasing competitiveness and innovations in all industry sectors</p>	<p>Involvement of other ministries in the implementation of cluster policy</p> <p>Establishment of a national managing authority for clusters development.</p> <p>Establishment of a national cluster competence centre as a result of a new national cluster policy</p>

# RECOMMENDATIONS FOR THE IMPROVEMENT OF CZECH CLUSTER POLICY

Smart Cluster Policy Model	Where are we in the <b>Czech Republic</b> ?	What is necessary to improve in the <b>Czech</b> cluster policy?	How can it be improved?
<p>All development stages of clusters have to be taken into account</p>	<p>In earlier periods, the funding was focused on mapping and support of cluster initiatives and organizations, networking, HR development, export, joint projects in R&amp;D&amp;I and internationalization.</p> <p>Nowadays, there is no national support for cluster mapping and analysis and CI development from the national level (support is just for excellent and developed COs, not for immature COs).</p> <p>The support from regional governments for mapping and analysis, CI development and COs incubation is limited.</p> <p>Low or not existing cluster governance on regional level (no funding for the “incubation” of the CO) and little care of the cluster managers’ position consolidation both financially and professionally</p>	<p>There is no systematic support to all stages of the clusters development.</p> <p>The support of the developed and excellent COs on national level lacks systematic monitoring and evaluation of their performance so that the cluster policy and funding could be revised according to findings.</p> <p>The deficit of regional cluster policy causes that the first phases of cluster initiatives at the regional level are not implemented.</p>	<p>Implementation of holistic strategy of cluster development:</p> <ul style="list-style-type: none"> <li>- at the regional level by regional government: <ul style="list-style-type: none"> <li>i) identification and analysis of specific attributes of the region and its priorities</li> <li>ii) mapping and analysis of potential of cluster initiatives</li> <li>iii) definition of relevant competent supporting institutions</li> <li>iv) institutionalisation of successful cluster institutions (CO) and their incubation</li> <li>v) financial and training support for cluster management of COs</li> <li>vi) monitoring and evaluation of COs</li> </ul> </li> <li>- after developing the COs – support at the national level: <ul style="list-style-type: none"> <li>i) education and training of cluster management</li> <li>ii) internationalization</li> <li>iii) R&amp;D&amp;I projects</li> </ul> </li> </ul>

# RECOMMENDATIONS FOR THE IMPROVEMENT OF CZECH CLUSTER POLICY

Smart Cluster Policy Model	Where are we in the Czech Republic?	What is necessary to improve in the Czech cluster policy?	How can it be improved?
<p>The training schemes for cluster stakeholders, including the availability of experienced lecturers and trainers efficiently operates.</p>	<p>Lacking the system and tools of public support for education of cluster managers and other cluster stakeholders from both national and regional level</p> <p>National Cluster Association offers some training and education courses for cluster managers and for government authorities</p>	<p>The training scheme for different target groups of cluster stakeholders are not available as a part of the cluster policy.</p>	<p>To establish the system of support for education of cluster stakeholders, facilitators and managers to be delivered by a concentrated expert body</p> <p>To run accredited certification centre (MIT or other governmental body), obtained certificate for CO management as condition for project applications (funding).</p>

## Training and Educational Needs of Czech COs (2012 and 2016)

Field of training and education	2012	2016
Project management	26,2 %	46,3 %
Cluster management	34,4 %	65,9 %
Monitoring	29,5 %	65,9 %
Internationalisation	36,1 %	68,3 %

Thank you for your attention!