



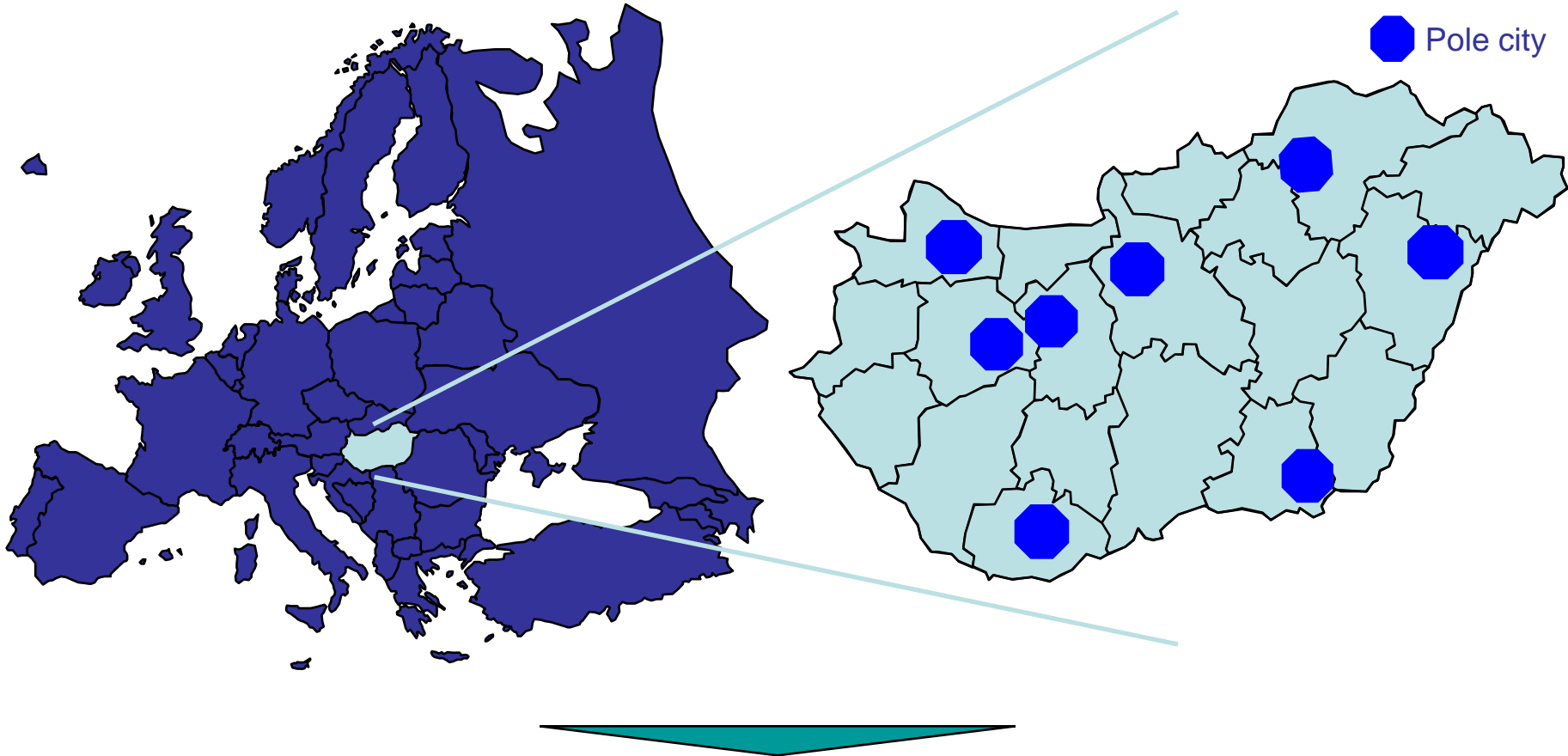
# Status of the Pole Programme and cluster development in Hungary

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Pole Program Office, Hungary

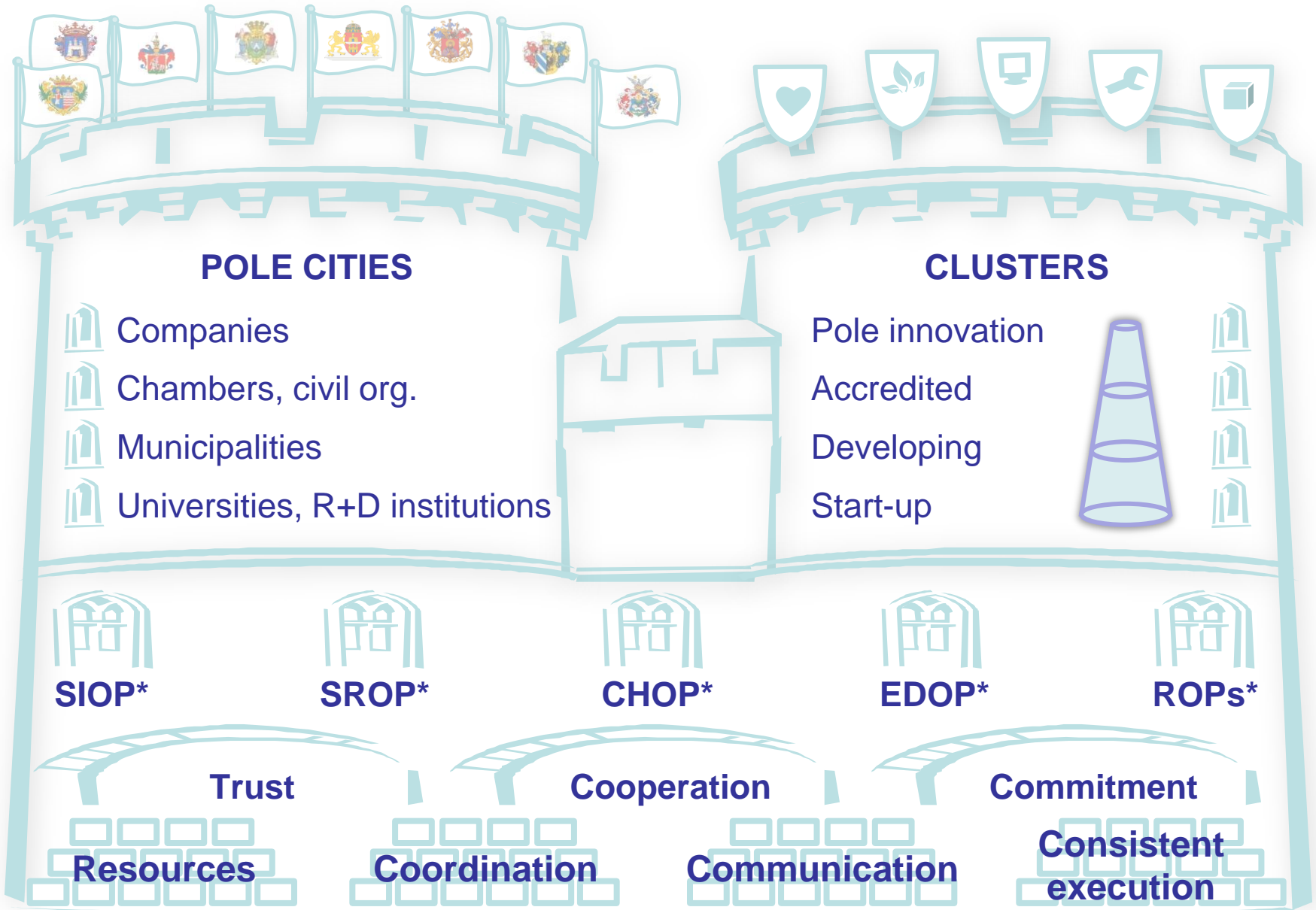
Global Forum 2009  
Shaping the Future

Bucharest, 20 October 2009

## Hungary in Europe

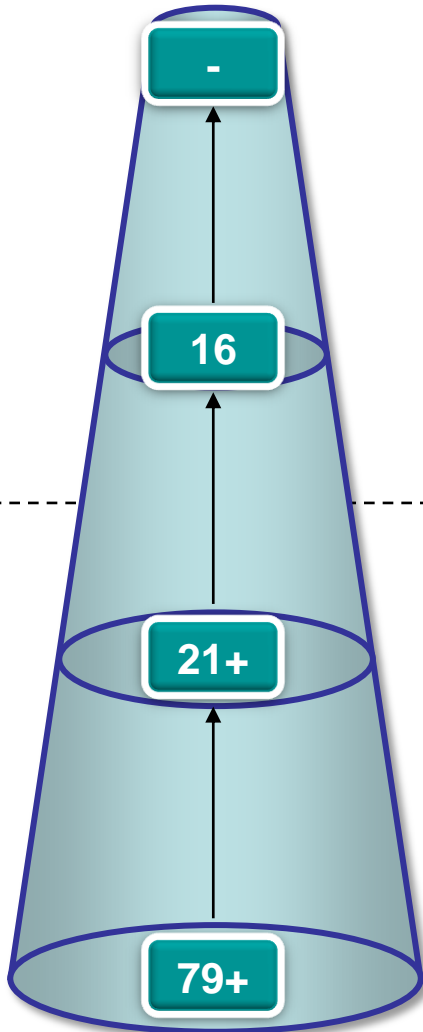


- 93.000 sqkms, 10 million inhabitants
- 8 pole cities in the 7 regions of Hungary

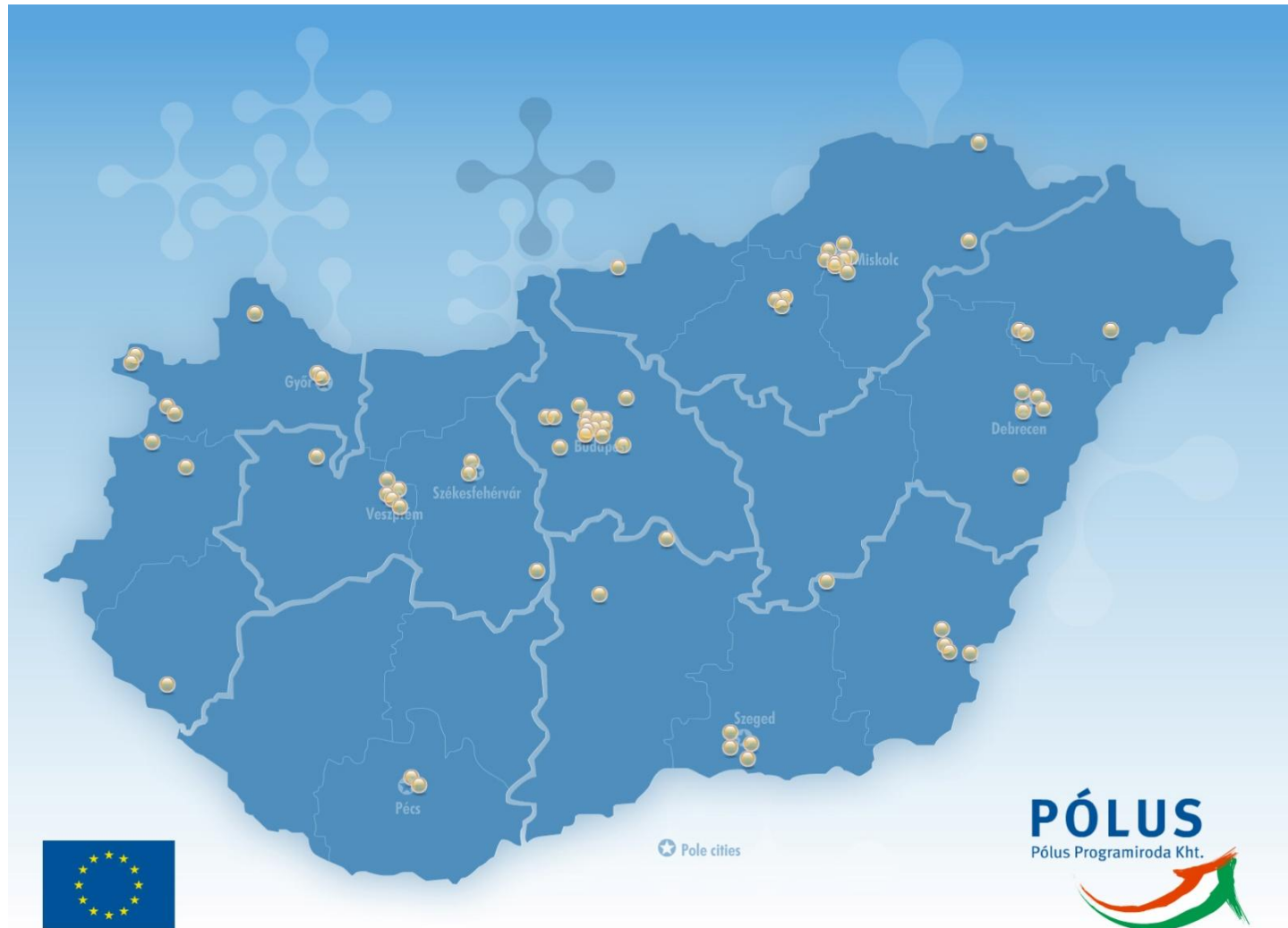


\* Operational Programs, SIOP - Social Infrastructure OP, SROP – Social Renewal OP, CHOP – Central Hungarian OP, EDOP – Economic development OP, ROP – Regional OPs

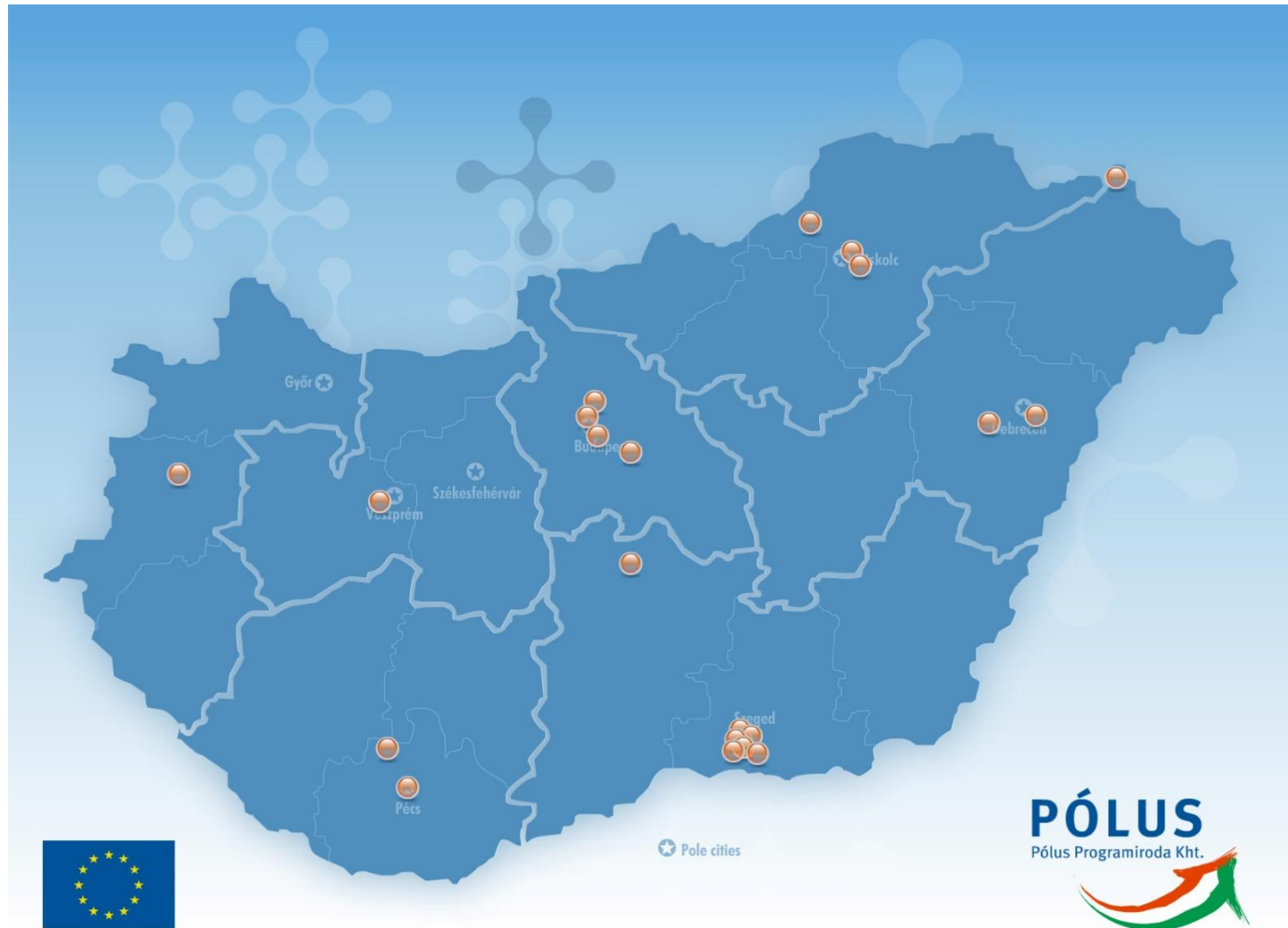
Development level	Number of clusters* (pcs)	Source of funding	Supported activities	Subsidy for supported cluster or project
<b>Pole Innovation Clusters</b>	-	▪ EDOP	<ul style="list-style-type: none"> <li>▪ Services</li> <li>▪ Investments</li> <li>▪ Joint R&amp;D projects</li> </ul>	<ul style="list-style-type: none"> <li>▪ EUR million 6 - 17</li> </ul>
<b>Accredited clusters</b>	16	▪ EDOP	<ul style="list-style-type: none"> <li>▪ Joint R&amp;D projects</li> </ul>	<ul style="list-style-type: none"> <li>▪ EUR million 1 - 6</li> </ul>
<b>Developing clusters</b>	21+	▪ ROPs	<ul style="list-style-type: none"> <li>▪ Management</li> <li>▪ Joint services and investments</li> </ul>	<ul style="list-style-type: none"> <li>▪ EUR million 0.2 - 0.8</li> </ul>
<b>Start-up initiatives</b>	79+	▪ ROPs	<ul style="list-style-type: none"> <li>▪ Management</li> <li>▪ Joint services</li> </ul>	<ul style="list-style-type: none"> <li>▪ EUR million 0.06 - 0.2</li> </ul>



\* Supported clusters in the tenders of the Regional Operative Programs and the accredited clusters  
 Source: PPO, EPAP



**In the ROP start-up cluster calls 79 applications have been approved, with a total support amount of EUR 8 million**



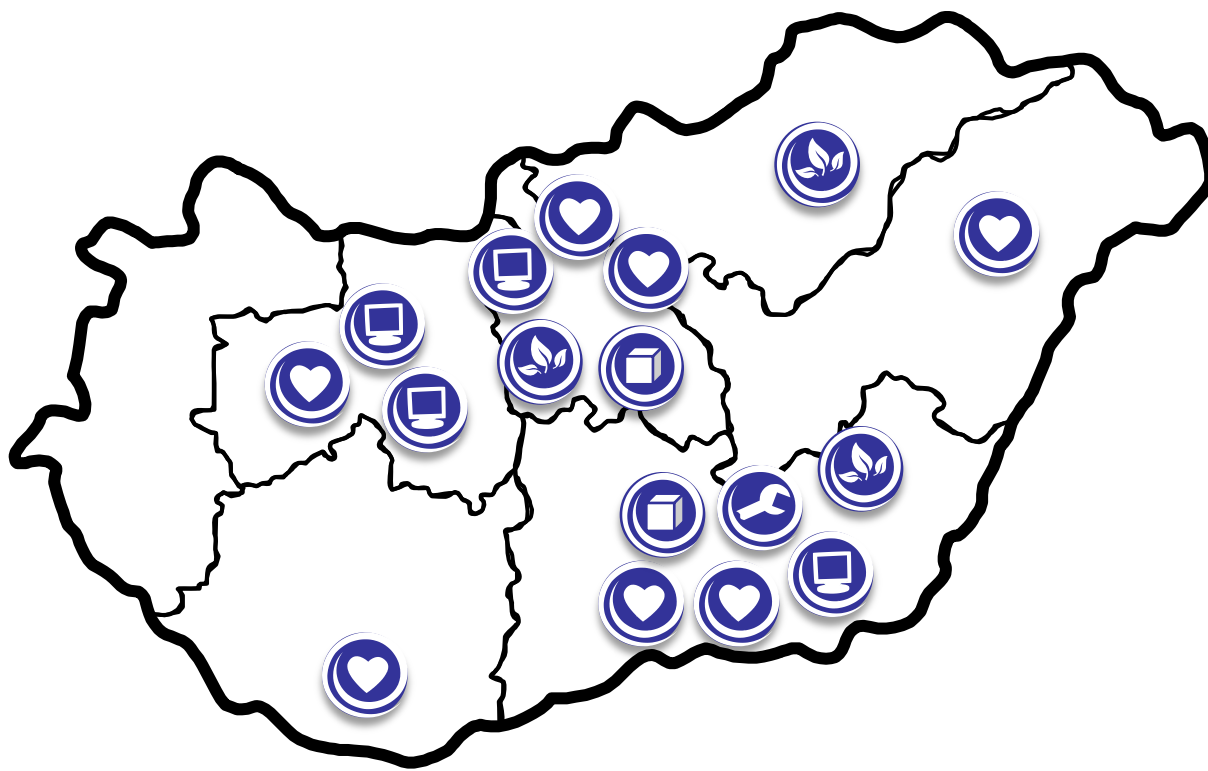
**In the ROP developing cluster calls 21 applications have been approved, with a total support amount of EUR 5.3 million**

## Sectors of the granted start-up and developing clusters (pcs)



- There are 100 clusters for which support has been granted
- There are 12 ICT clusters among the supported applications





## Accredited clusters

Industry	Number
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Healthcare	7
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ICT	4
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Environmental industry	3
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Packaging	2
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Construction / Energy	1
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<b>Total</b>	<b>17</b>
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- Seventeen clusters have been accredited up until now
- Most of the clusters operate in the South Great Plain and the Central Hungarian region
- Most of the clusters operate in the healthcare and ICT industry



## Central Hungary (5)

- Omnipack Packaging Cluster
- Mobility Multimedia
- Medical Biotechnology Innovation
- Medical Instruments Producers
- Waste Water Technology Innovation Cluster

## Central Transdanubia (3)

- First Hungarian e-Public Administration IT Innovative Cluster
- Pannon R+D+I+E
- PharmAgora Life Quality Cluster

## North Hungary (1)

- EnIn Environmental Industry

## North Great Plain (1)

- Pharmapolis Debrecen Innovation Medical Cluster



## South Great Plain (6)

- PharmacoFood
- Goodwill Biotechnology
- Software Innovation Pole Cluster
- ArchEnerg Regional Renewable Energy and Construction
- 3P Plastic, Packaging, Printing Cluster
- Biomass Utilization Cluster

## South Transdanubia (1)

- Biotechnology Innovation Base



## Mobility Multimedia Cluster

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- Founded in 2007
- 48 members - 31 SMEs, 10 large enterprises, 7 higher education and research centres
- Objective: join scattered R&D capacities of the Hungarian mobile and multimedia technologies to strengthen international competitiveness
- Focus areas: mobile technology applications, multimedia content, intelligent and safe traffic applications, green IT solutions
- Major companies: Magyar Telekom (member of T-group), Ericsson Hungary, HP Hungary, [origo] Zrt.
- Web: [www.mmklaszter.com](http://www.mmklaszter.com)

## Pannon R&D and Innovation and Education Cluster

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- Founded in 2006
- 18 members - 14 SMEs and 1 large enterprise
- Major projects: new generation micropayment systems, e-Medsolution, treatment of critical infrastructures
- Web: [www.pannonpolus.hu](http://www.pannonpolus.hu)

## First Hungarian E-administration, IT and Innovation Cluster

- Founded in 2007
- 30 members - 22 SMEs, 4 large enterprises, 2 universities, 4 others (municipality, foundation)
- Focus areas: health care IT (automated motion analysis system, mobile ECG), e-administration IT (complex IT mapping of workflows of authorities), environmental IT, innovative IT services to support business flows, mobile IT (automatic meter reading), geospatial IT
- Major companies: Albacomp IT, Delta IT, Axis Consulting, GraphIT, Stratis Management and IT Consultancy



## Software Innovation Pole Cluster

- Founded in 2007
- 39 members - 28 SMEs and 5 large enterprise, 6 higher education institutions, research centres and other
- Focus areas: software quality, applications of embedded and mobile systems, applications of language and speech technology, health care applications, industry specific management solutions
- Web: [www.infopolus.hu](http://www.infopolus.hu)

**Thank you for your attention!**

[www.polusprogram.eu](http://www.polusprogram.eu)

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Actor	Activity	Possible advantages
<ul style="list-style-type: none"> <li>▪ <b>Municipalities, Chambers of commerce and civil organizations</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Defining clear development targets</b></li> <li>▪ <b>Coordination of economic development</b></li> </ul>	<p><b>SOCIAL AND ECONOMIC ADVANTAGES</b></p>
<ul style="list-style-type: none"> <li>▪ <b>Universities and R&amp;D institutes</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Running educational and research infrastructure</b></li> <li>▪ <b>Building strategic relations</b></li> </ul>	<p><b>CREATION OF KNOWLEDGE</b></p>
<ul style="list-style-type: none"> <li>▪ <b>Companies</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Sustainable development</b></li> <li>▪ <b>Achieving business and development goals</b></li> </ul>	<p><b>ECONOMIC GROWTH</b></p>

# Accredited clusters and development projects in the Pole cities

