



# Alpine Space Forum

## Pooling Potentials for Competitiveness



### Workshop 4:

An island between surrounding metropolises:

How can the Alps benefit from the surrounding urban centres and the cities from the Alps?

### Inputs for discussion:

- 1. Disparities of urban/metropolises development in Alpine space and its surrounding**
- 2. Polycentric development on different geographical levels**
- 3. Understanding of smart metropolitan development in ICT context**

Doc. dr. Alma Zavodnik Lamovšek, University of Ljubljana  
alma.zavodnik@fgg.uni-lj.si

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# 1 Disparities of urban/metropolises development in Alpine space and its surrounding



- all important metropolises are located outside the Alpine space
- the Alpine cities are increasingly turning into suburbs of the Peri-Alpine metropolises
- the Alps are very clearly to be considered a functionally disadvantaged macro-region in Europe
- on the other hand there are some new processes evident, which results on the new connective relation between metropolises and inner in Alpine Space

Fig.1: Importance and size of metropolises in Peri-Alpine Space

Metropolis	Rank of MEGAs (ESPON 1.1.1. 2005)	No. of inhabitants in LUZ (larger urban zone) (FOCI database)
Vienna	3 <sup>rd</sup>	2,278,900
Muenchen	2 <sup>nd</sup>	2,604,500
Zurich	2 <sup>nd</sup>	1,371,000*
Lyon	4 <sup>th</sup>	1,691,900
Turin	4 <sup>th</sup>	2,263,300
Milano	2 <sup>nd</sup>	3,895,600
Ljubljana	5 <sup>th</sup>	506,300
		<b>Σ: 14.611.500 (20,8 %)</b>
Alpine Space		70.000.000**

\* 2010 (<http://www.bfs.admin.ch/>)

\*\*<http://www.alpine-space.eu/about-the-programme/cooperation-area/>



## 2. Polycentric development on different geographical levels



The role of metropolises for polycentric development depend on (POLYCE 2011):

- 1 Micro level: Polycentricity within the metropolitan region
- 2 Meso level: Polycentricity between metropolitan regions in Alpine and Peri-Alpine Space
- 3 Macro level: Large scale polycentricity as a step to the more competitive position of Alpine Space as one of the European macro regions

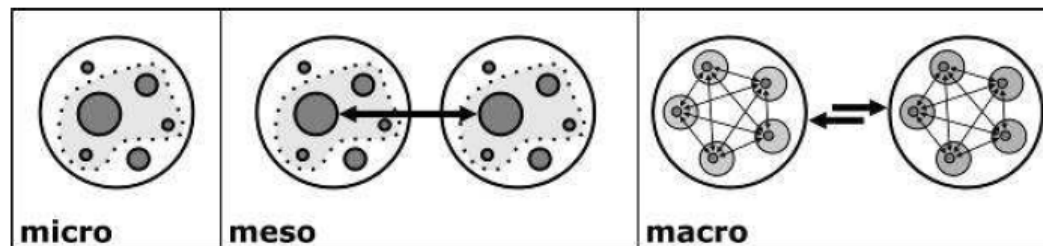


Fig. 2: Levels of polycentricity (ESPON POLYCE 2011)

### 3. Understanding of smart metropolitan development in ICT context

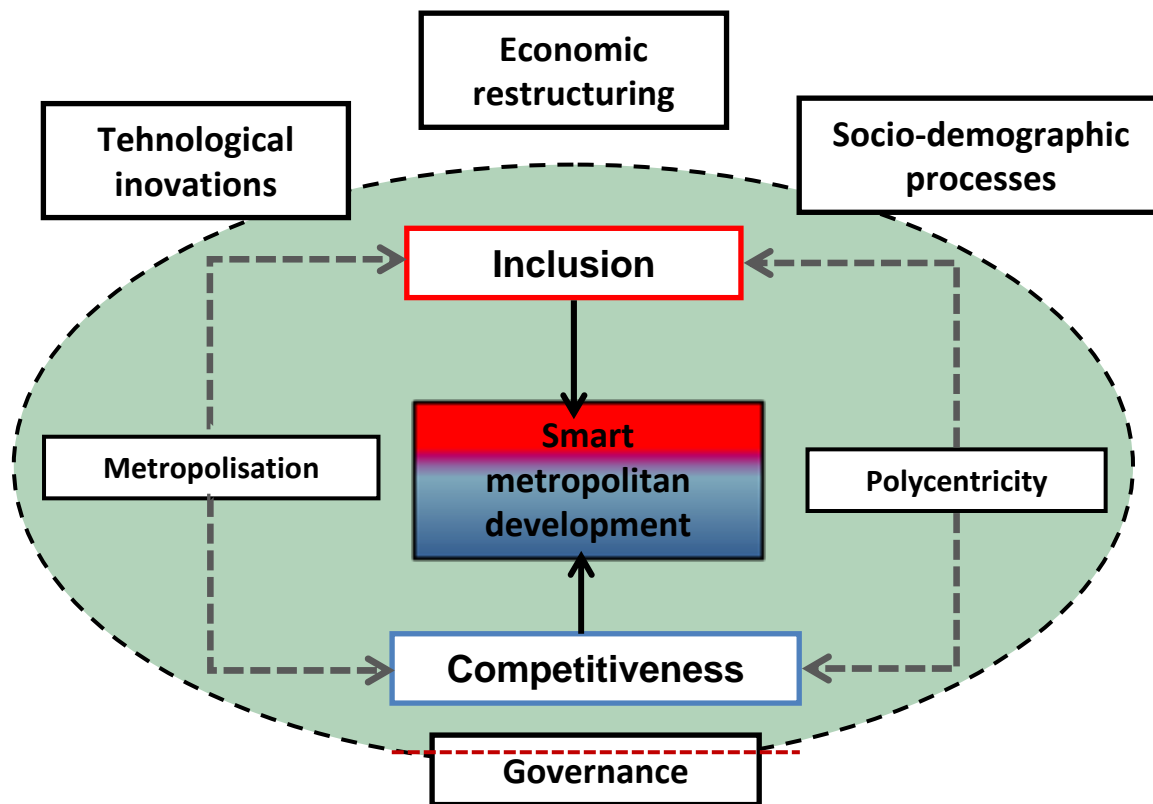


Fig. 3: Understanding smart metropolitan development (adopting from POLYCE 2011)

### 3. Understanding of smart metropolitan development in ICT context

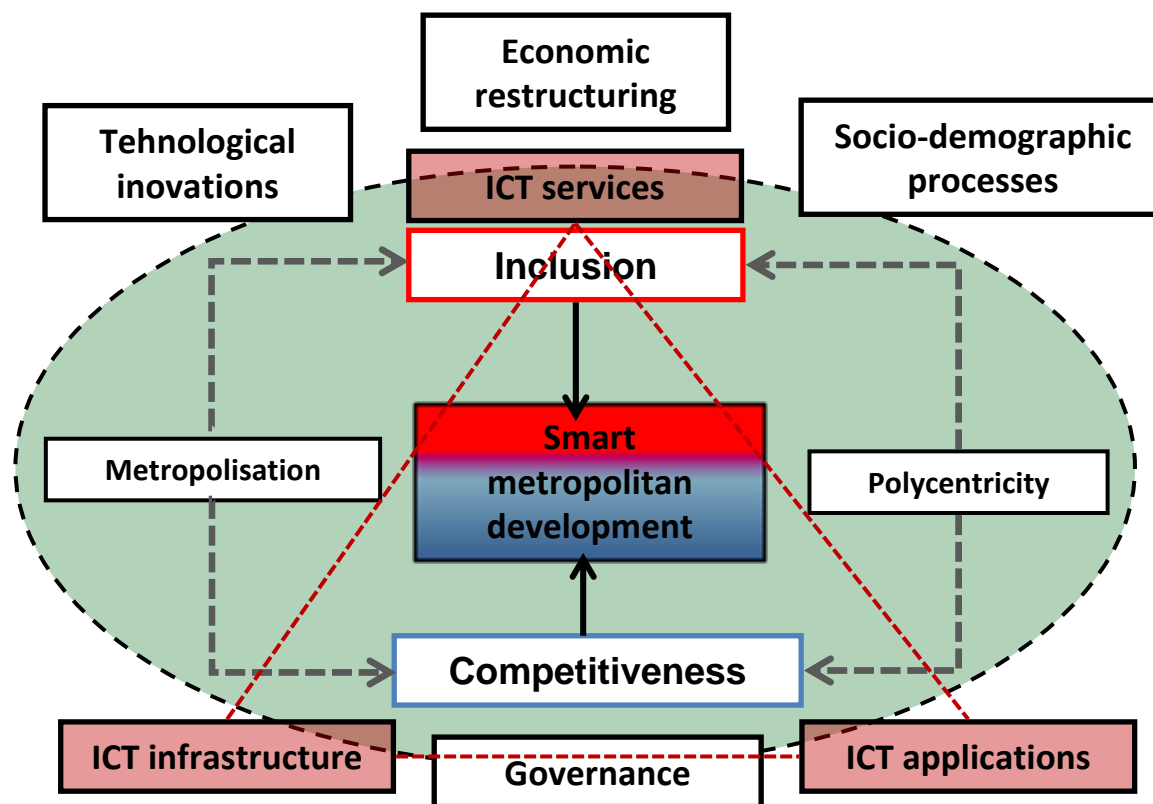


Fig. 3: Understanding smart metropolitan development (adopting from POLYCE 2011)



## Potential questions for discussion



1. what challenges could be identifying for the improving functional connectivity between highly developed metropolises located in Peri-Alpine space and other cities within the Alps?
2. networks between metropolises and other (small and medium) cities on different geographical scale is important for the improving competitiveness – which potentials could be recognized for that and what recommendations could be done? Is there also some kind of solidarity play a role?
3. could the ICT having the key role for the improving mobility and public services (e.g. e-health, e-governance and e-education) in Alpine space?