

Czech Republic - Basic data

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Population: 10,2 M ↘

Unemployment: 8,3% = 90% EU

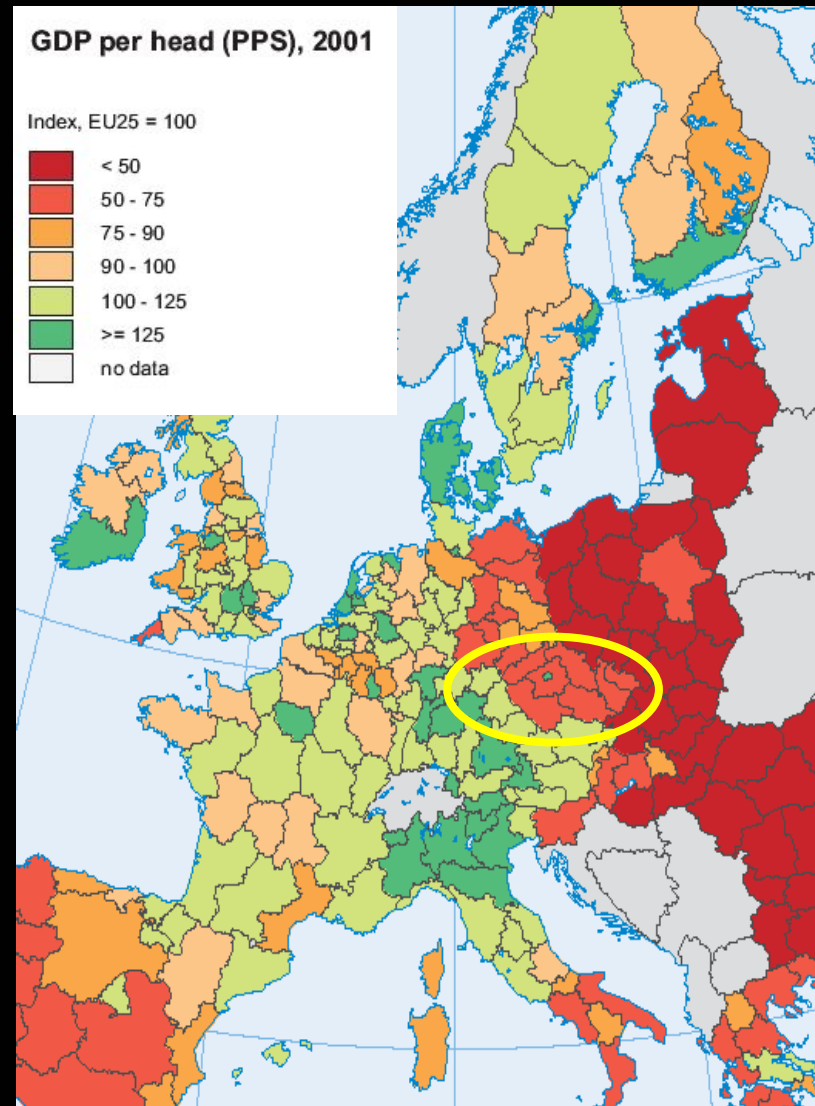
Per Capita GDP: ca 58% EU

Growth Rate: 4,0% = 180% EU

Inflation: 2,6% = 104% EU

Debt/GDP: 37,4% (2004) ↗

Source : Eurostat



Information Society indicators

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households / enterprises

• Households with a PC	30%	
• Internet	38%	90%
• Broadband	5%	7%
• Purchasing / ordering	7%	61%

Source : Eurostat

Broadband - support framework

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- **National Broadband Strategy**

Broadband Definition of Ministry of Informatics : An access to services and resources which does not limit users in what, how and when they want to do (2005 : BB= 256 kbps)

Goal : 50% residents with access to broadband in 2010

- **Broadband Fund**

Goal : methodology and selection criteria by October 2005
Implementation in 2006

Budget : 10M USD in 2006, Total 30M USD - 2010

- **SROP (Joint Regional Operational Programme)**

22M EUR (2004 – 2007)

Regional and local networks, PIAPs, public services

Broadband : City vers. Rural

Cities (50k+)

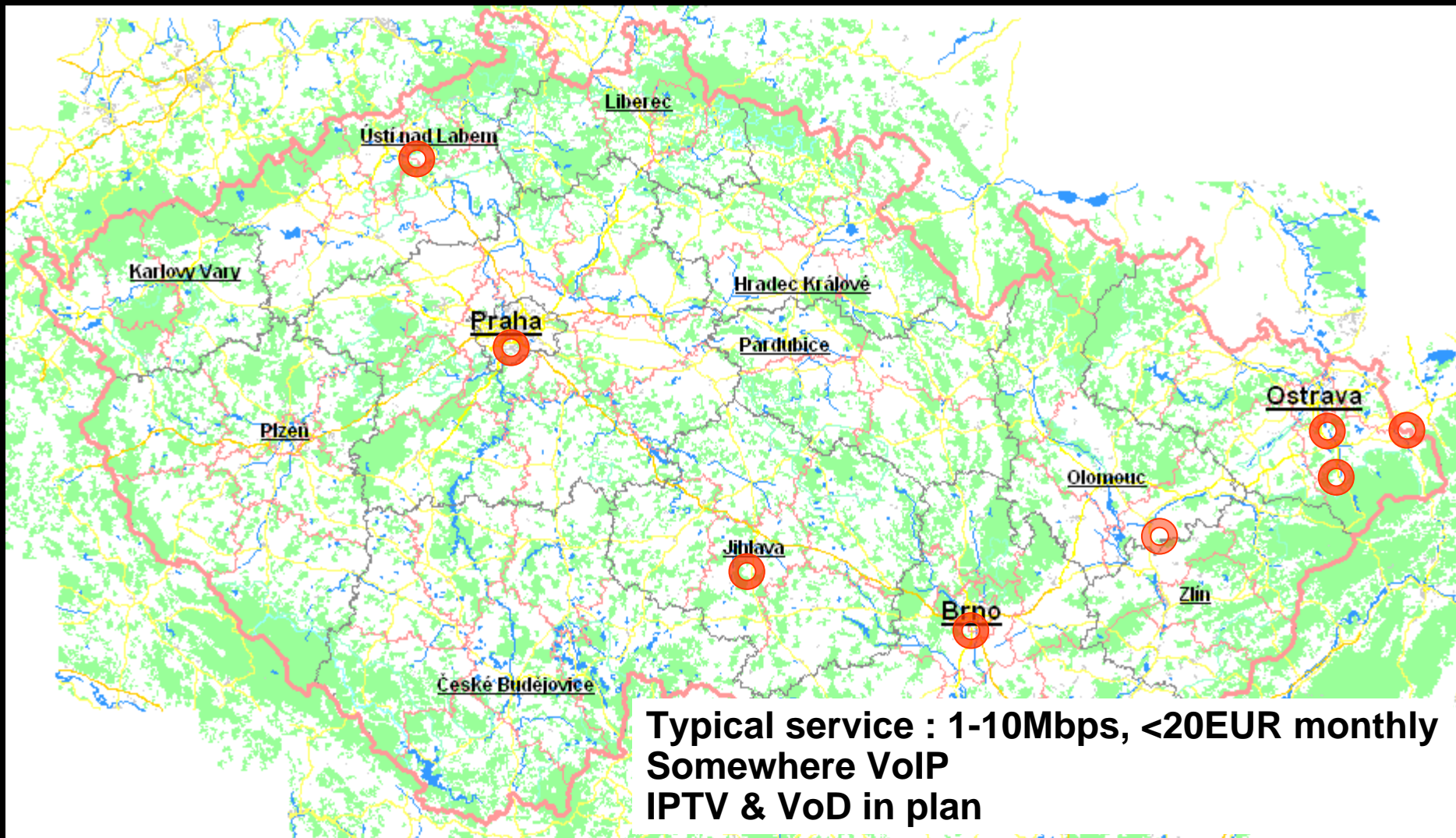
- **Connectivity** : Basic ADSL, CDMA, GPRS or cable are there
- **Barriers** : buying power, motivation, lack of services, education
- **Trend** : municipalities build more&more MANs
partnerships with ETTx providers (Praha13, Jihlava)
- **Driver** : spontaneous Wifi communities, no SLA but cheap

Rural Areas

- **Basic connectivity** might be a problem
- **Barriers** : dtto, EU funds unusable for small municipality
- **Solution** : EU funded projects driven by Regions
easy program in Broadband Fund

ETTx Residential Operations

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Typical service : 1-10Mbps, <20EUR monthly
Somewhere VoIP
IPTV & VoD in plan

City of BRNO – Smartcomp – real BB

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MAN Projects

- **Novy Jicin – ETTX MAN for residents / business**
- **Telc – ETTX / Wifi MAN**
- **Chomutov – optical backbone**
- **Olomouc – wireless MAN for city organisations**
- **Praha 13 – ETTX for residents / business**
- **Jihlava - ETTX for residents / business**
- **Liberec – MAN for city organisations**

Applications

- **Ostrava – City Services Centre incl call centre**
- **CCTV on crossroads**

RURAL AREA PROJECTS

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- **Vysocina Region – optical backbone to 15 MANs**
- **Moravskoslezsky – microwave backbone to 300 villages**
- **Jihomoravsky – microwave backbone to 70 villages**
- **Olomoucky - microwave backbone to 27 villages**
- **Liberecky – Regional data center**
- **Kralovehradecky – Connected hospitals**
- **Pardubicky- 26 Connected social institutions**

Conclusion

- **Permanent BB education of politicians pays off**
- **Perception of the broadband benefits is growing**
- **Finance and complexity remain main barriers for rural & small cities**
- **“Envy Principle” brings results**
- **Triple play is key**