

# Hungarian clusters

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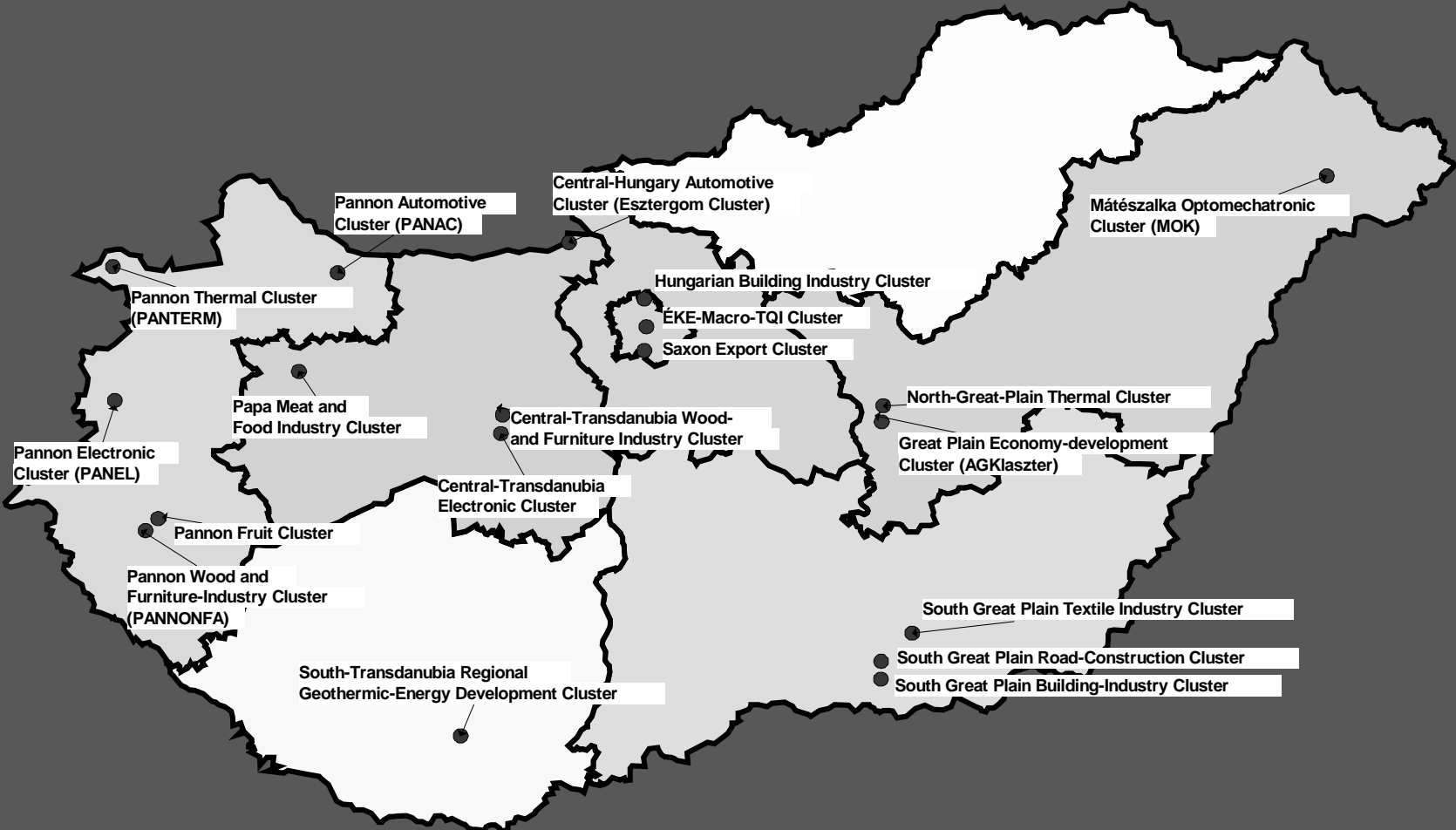
**Ministry of Economy and Transport, Hungary**

**Technology-policy Department**

# Working definition

- **EC Enterprise DG definition**
- **RE-1 definition: „The clusters are company alliances, which are based on geographical proximity. The clusters are unified with the competition; the relationship of them are characterised by rivalry, by harmonisation of common, local interests and by existing of trust capital. The enterprises of the clusters are in informal contact. Their transaction costs can decrease by joint innovation, the practise adjusted to market needs, the direct and aimed information-flows within the network. With this the competitiveness of enterprises of the given region rises”**
- **Problems (local cluster definition): regional dimension, synergy and „critical mass”**

# Locations of the 19 clusters in Hungary



# Hungarian cluster policy

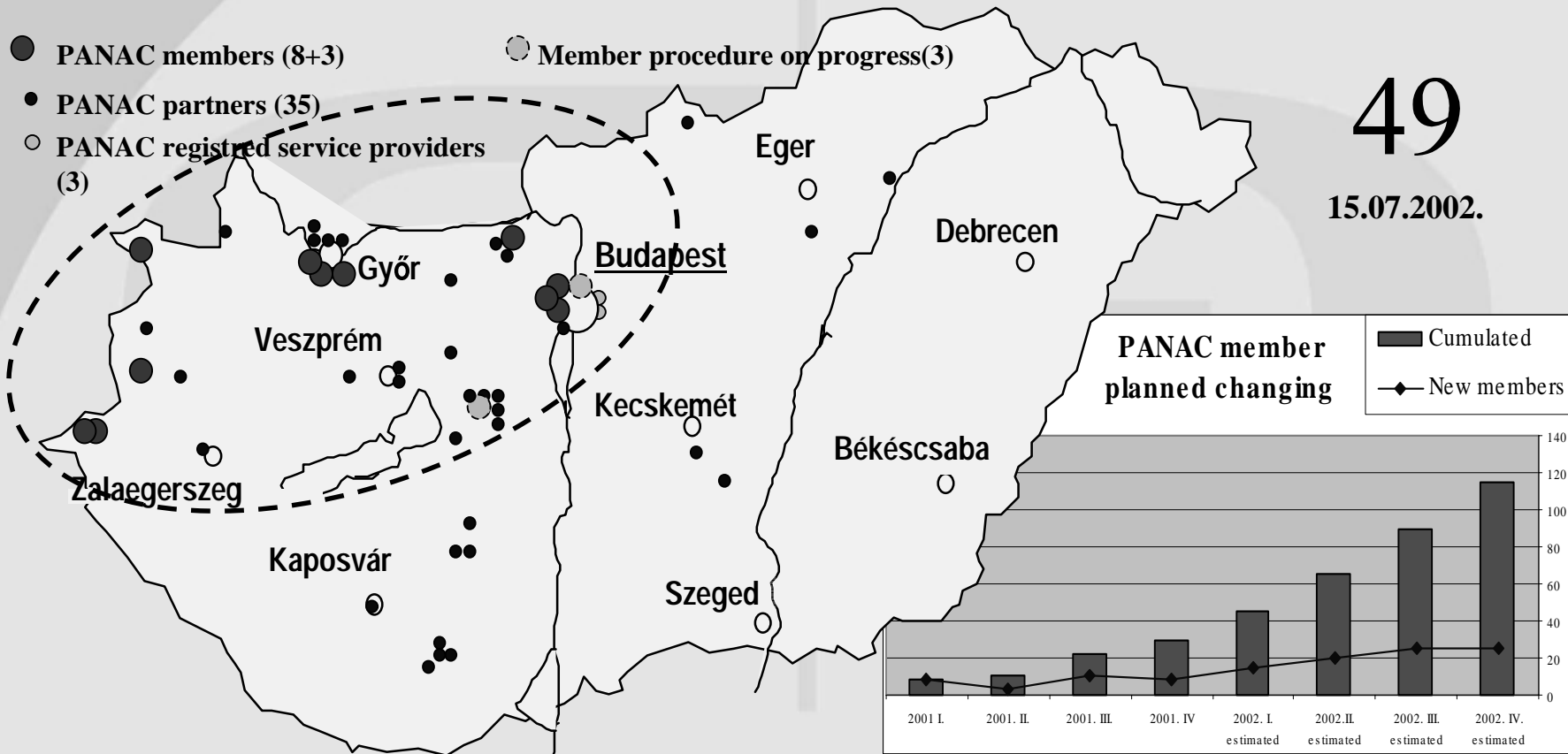
- **Economic background**
- **Top-down model**

## **Types of clusters:**

- **FDI-based (PANAC, Mátészalka Optomechatronical Cluster)**
- **Domestic-based (Hungarian Building Industry Cluster, Pannon Thermal Cluster)**
- **Logistics-based (embryonic phase)**
- **Grants ( $\Sigma$  400 million HUF ~ 1,5 million euro)**
- **Regional Economy Development Program**
- **Cluster Conference**
- **SME-policy**

# PANAC-members

**49**  
15.07.2002.



Founded: 21 December 2000

----- PANAC – core-territory

# Hungarian cluster policy

## Regions:

- **County-based (megye) administration system vs. regions**
- **Lack of experience, know-how and money**
- **West-Transdanubia Region: Pannon Gazdasági Kezdeményezés (PANAC, PANNONFA, PANEL, PANTERM, Pannon Fruit Cluster)**

## County and municipality-level:

- **occasional**



**Thanks for attention!**