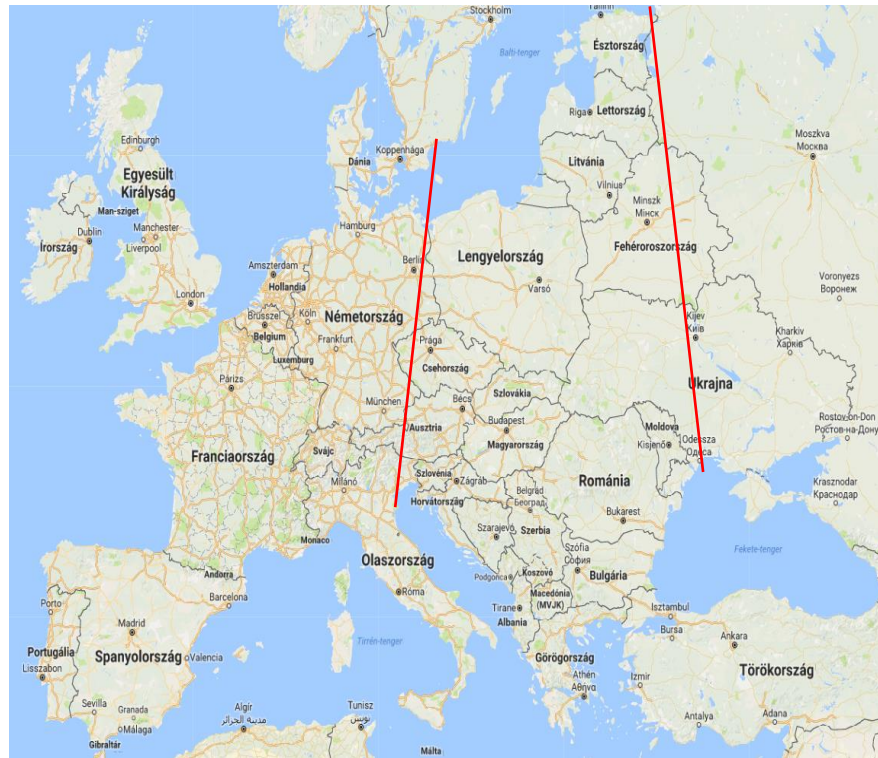


**Molnár László Aurél:**

# **Road network of East-central Europe, border crossings in the Carpathian basin**

**EPTS conference  
8-9. June 2017, Budapest**

# East-central Europe - well determined geographical unit with exact borders



# Our up-to-date task:

to build

a free and fruitful future

for the peoples of this area:

- ◆ modern infrastructure,
  - ◆ modern traffic

# I. Problem

**Equable and polycentric society and economy ⇒**

**Complete and modern transport network ⇒**

- ◆ **hierarchical structure,**
- ◆ **grid formation of the road network**

# Hierarchical structure:

- ◆ Continental network
- ◆ National network
- ◆ Regional network
- ◆ Local network

# Grid formation of the road network:

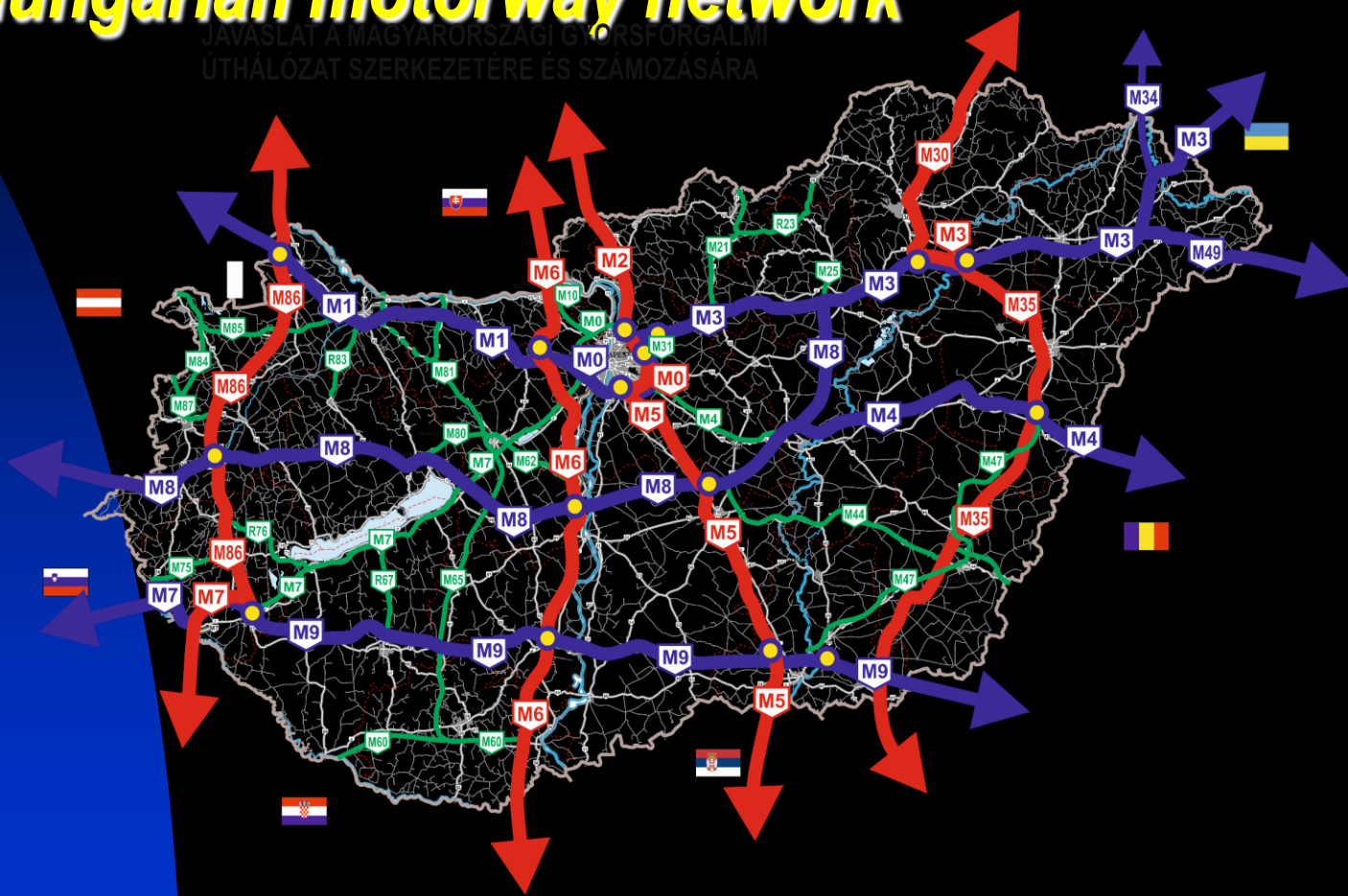
- ◆ Network-scale of 100-200 km
- ◆ North-south and West-east axles
- ◆ Topographical factors:
  - ◆ relief and river-system
  - ◆ large cities, industrial areas
  - ◆ traffic hubs and ports of great importance

# Proposal for a Central-European network



# Proposal for the structure and road numbering of the Hungarian motorway network

JAVASLAT A MAGYARORSZÁGI GÉPKÖZLEKÉSI  
ÚTHÁLÓZAT SZERKEZETÉRE ÉS SZÁMOZÁSÁRA





# Corridors or network?

- ◆ Lonely corridor is less effective.
- ◆ Single corridors are rivals of each other.
- ◆ For time being there is no system and institution to study, evaluate or implement of any proposed corridors

# Solution:

International expert team  
for network-planing.

## II. Problem

### Border crossing local roads

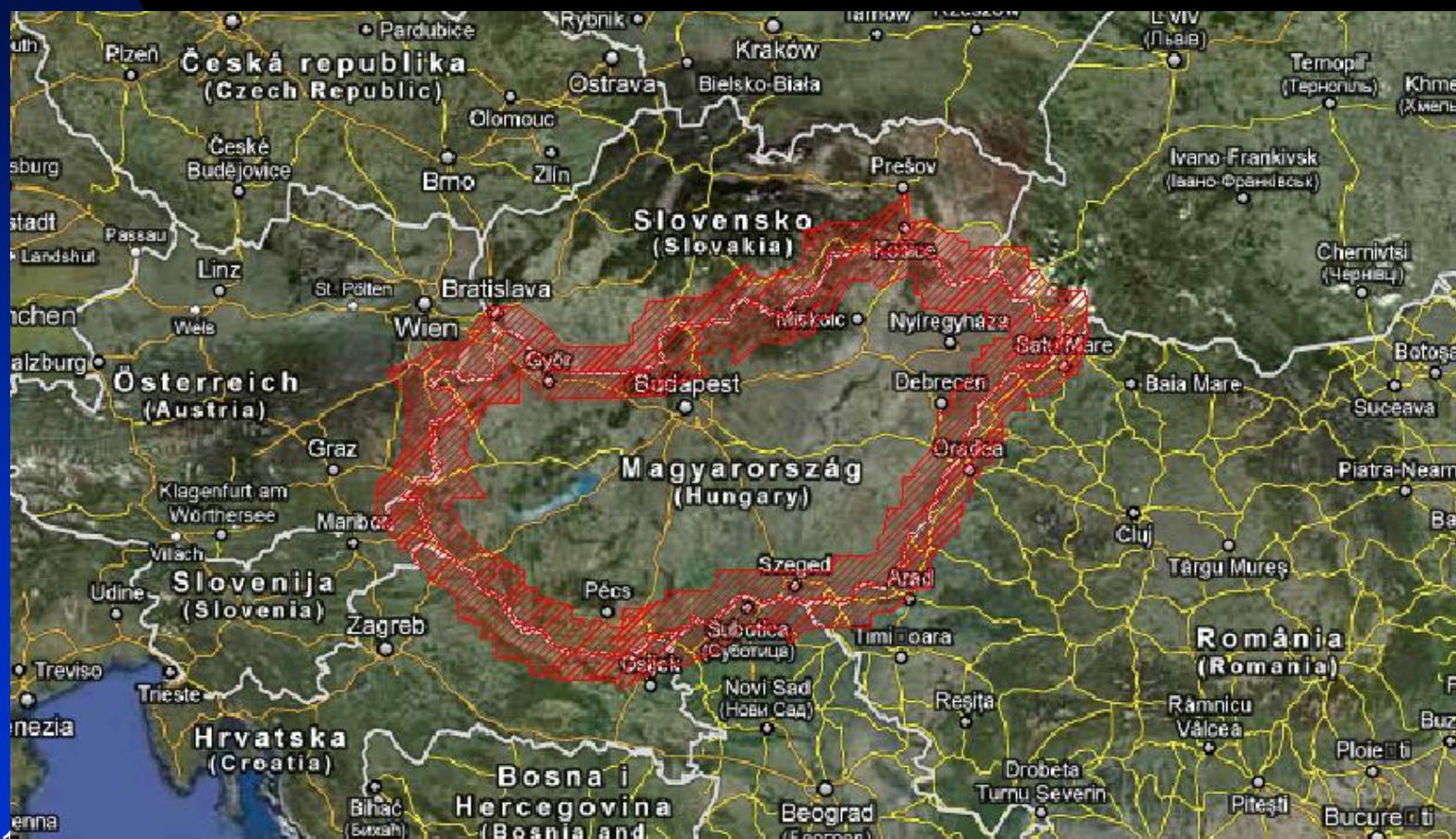
- ◆ Do the local roads crossing the state borders exist? And are they usable even now?
- ◆ Iron curtain  $\Rightarrow$  frontier zone  $\Rightarrow$  depopulation, desertation

### Degradated districts in Hungary:

- ◆ 2243 km state border x 15 km frontier zone = 30.000 km<sup>2</sup>
  - ◆ Adding with the other side of the border: 50.000 km<sup>2</sup>

# Restricted frontier zones along the hungarian border zone

50.000 km<sup>2</sup>!



# Consequences for Hungary

From the two north-east counties

- ◆ emigrated 90.000 people
- ◆ 90 schools are closed
- ◆ faltered society and dysfunctional state

(poste, shops, doctor, pharmacy, public order...)

The poet said:

*Everywhere must one live.*

*We have to stay all this homeland!*

/Joseph Ratkó/

# Europe without saturations !

## Permeable border crossing!

- ◆ Restoration of the closed or liquidated roads
- ◆ Bilateral interstate conventions
- ◆ Local competence + central assistance

**Thank You for Your attention.**