CRO NGI

Croatian National Grid Infrastructure

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CRO-GRID Project
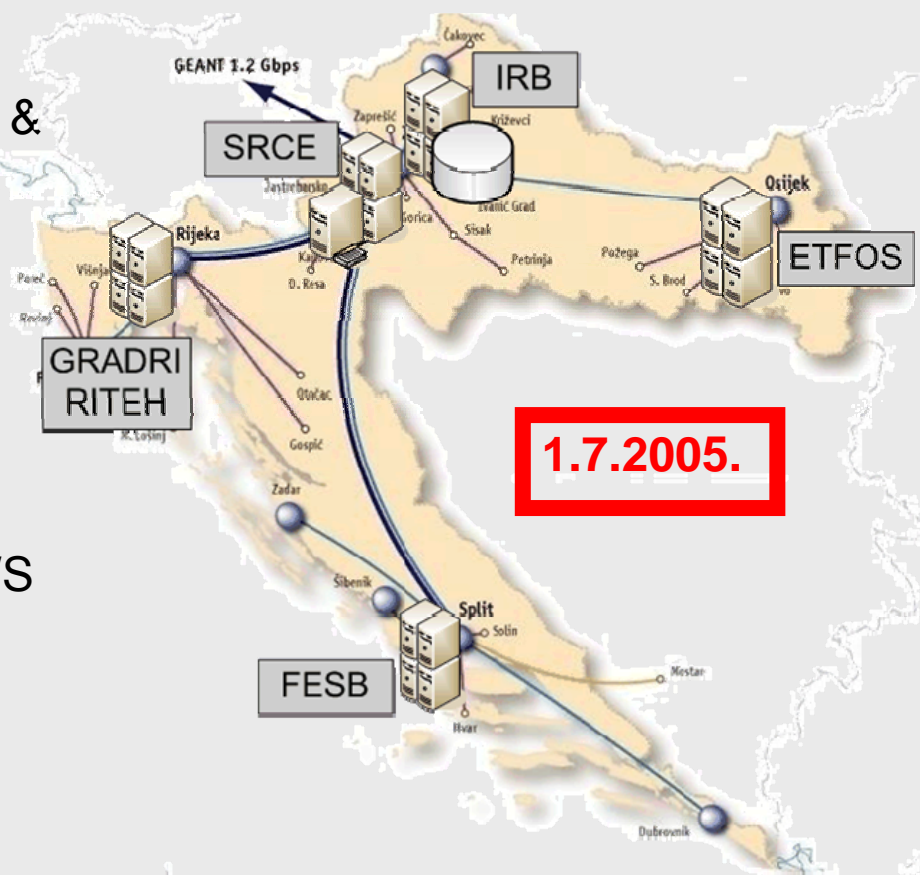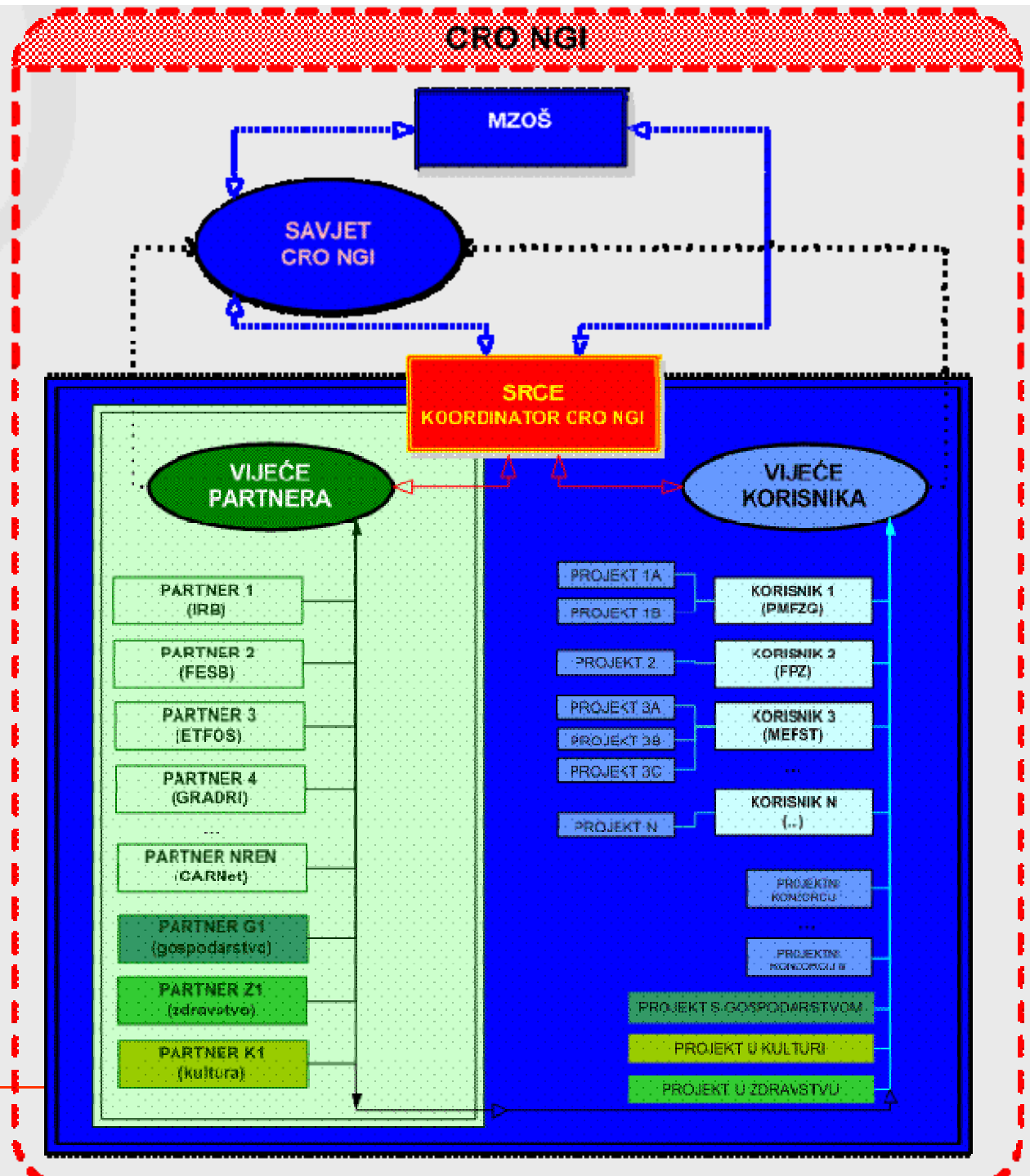
❖ Nov 2003 – Nov 2006, MZOS funded

❖ CRO-GRID Infrastructure

- ◆ main goal: to establish cluster & grid infrastructure
- ◆ gigabit network connection
- ◆ SRCE CA PKI security
- ◆ **three middleware systems**
    - • **Globus Toolkit 2 & 4**
    - • **UNICORE**
- ◆ monitoring tools: Ganglia, NWS
- ◆ grid scheduling
    - • **Condor-G Matchmaking**
    - • GridWay
- ◆ grid portal: GridSphere

1.7.2005.

CRO NGI

- ❖ Since Jan 2007
- ❖ Appointed by MZOS (ministry of science)
- ❖ SRCE as a coordinator
- ❖ Permanent part in state budget

- ❖ www.cro-ngi.hr

CRO NGI

- ❖ Available for A&R for free

- ❖ Technically based on previously established CRO-GRID infrastructure (GTK4, no gLite)

- ❖ Plan for 2008
    - ◆ 8 grid sites with ~2500-3000 cores
    - ◆ central servers at SRCE
    - ◆ 3 FTE

- ❖ Reality in 2008
    - ◆ 4 grid sites with ~400 cores, ~60 TB on SEs
    - ◆ 1.5 FTE

- ❖ Infrastructure for EGEE is separate