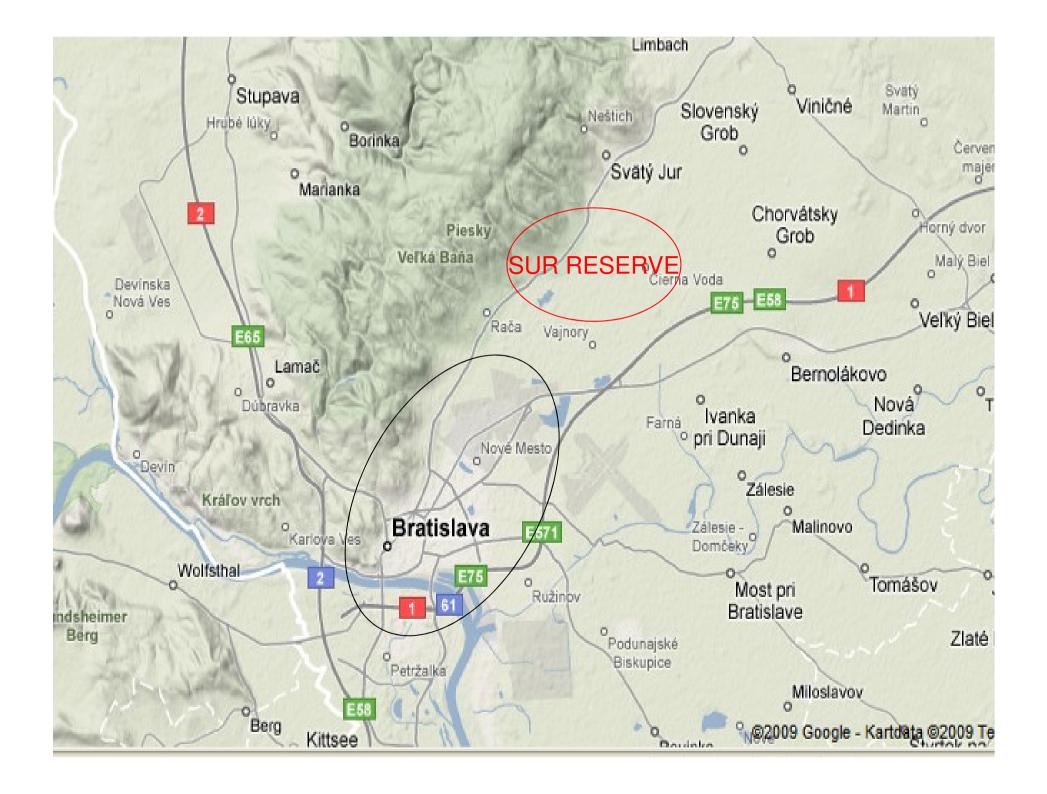


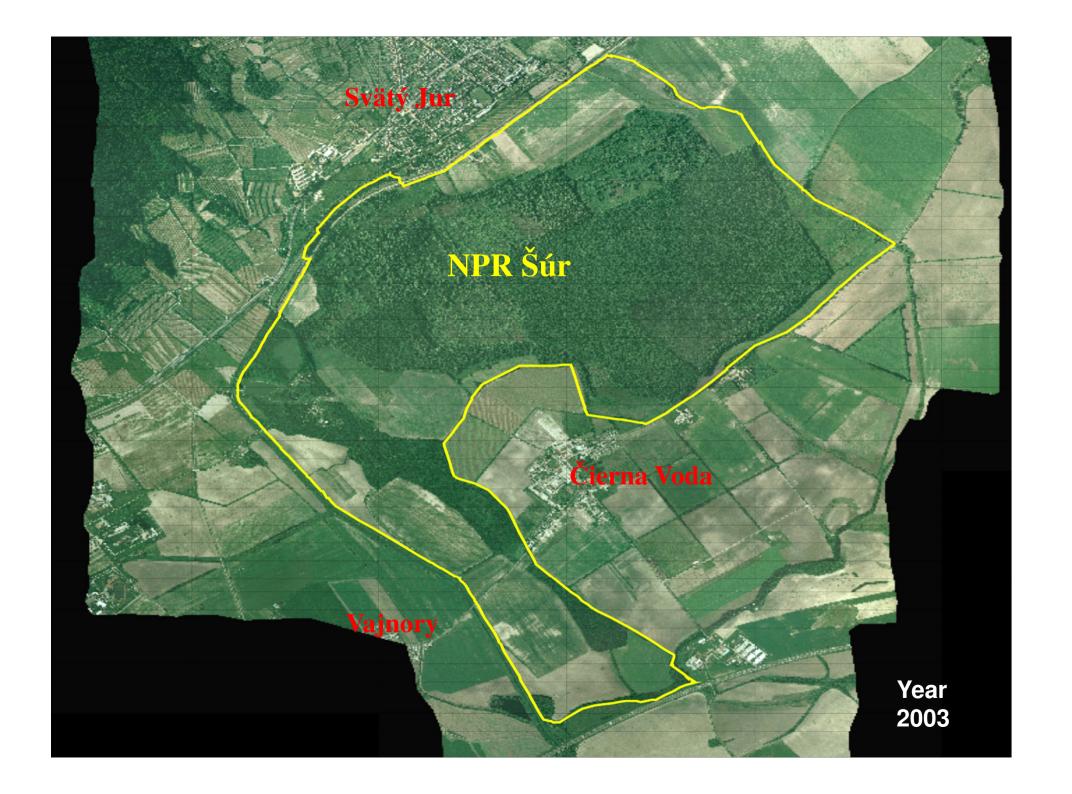
### Restoration of Wetland Šúr Conflict between urban planning and water planning

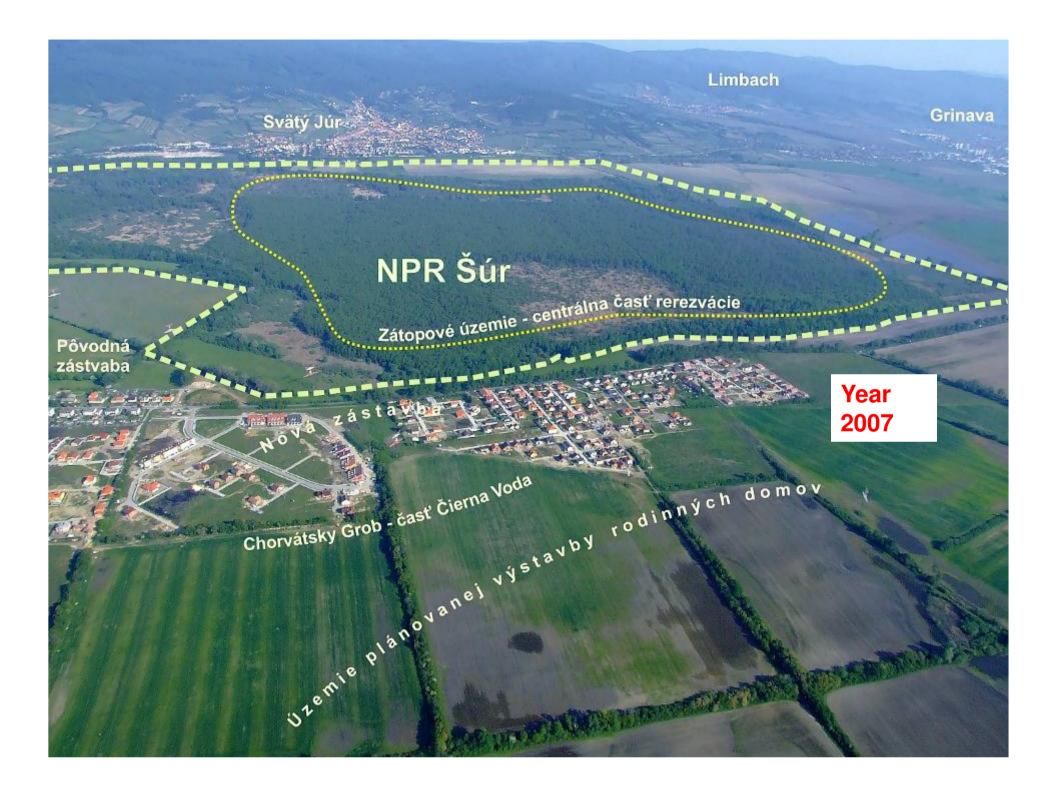
Danka Thalmeinerova - GWP

### **National Reserve SUR**

- Ramsar locality
- Area 991 ha
- Two ecosystems:
  - Alder forest and wetland biotopes
  - Thermopile oak Panonian Grove









### **History of Sur**

- "Non-passable swamp covered by water over the whole year" (Konhuber, 1858)
- 1864: municipality Sv. Jur divided land among local community
- 1941 43: construction of Sur canal to stop local streams to enter Sur
- 1952: Area designated as Protected Area
- 1956: restoration projects developed
- 1990: Ramsar site
- 2003: NATURA 2000 site -EU legislation

### **Problems in Sur**

- Antrophogenic impacts:
  - Drainage of streams out of Sur
  - Illegal dumps
  - Massive urbanization





### **Problems in Sur**

- Weak management:
  - Results of botanic and zoology research never applied in strategy documents
  - Weak enforcement of legislation
  - No compensation of landowners
  - No transparent financing of restoration activities
  - Absence of public awareness campaigns



# Manifestation of problems

- Lack of water, dry-up forest
- Threat and extinction of protected species
- Loss of function of wetland (flood protection, retain water in the landscape)

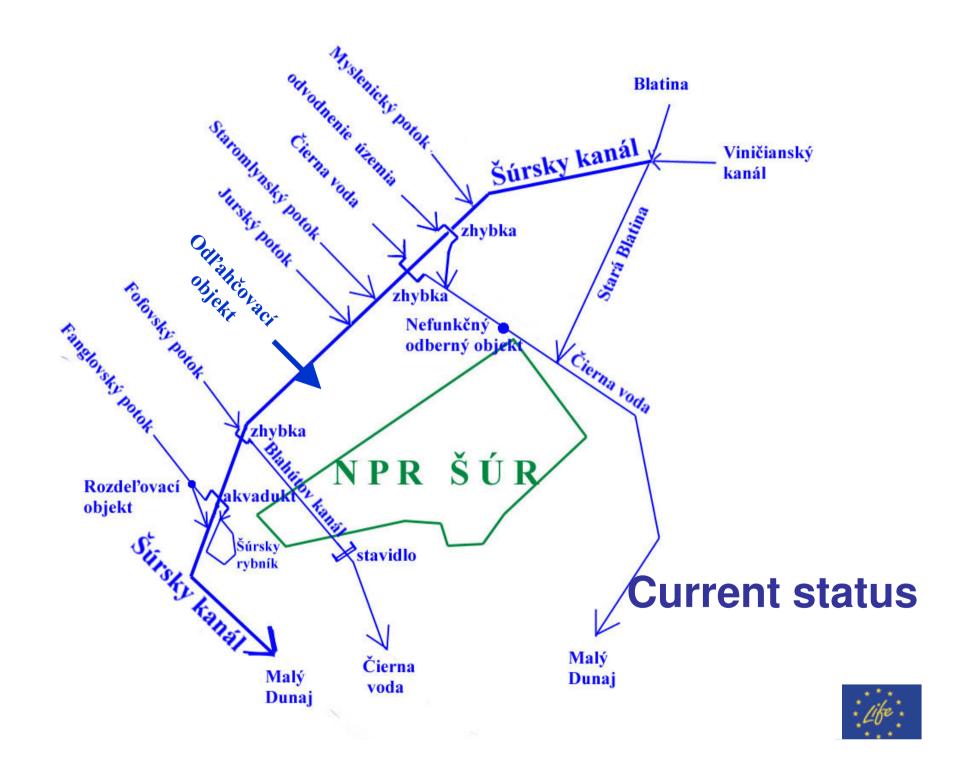


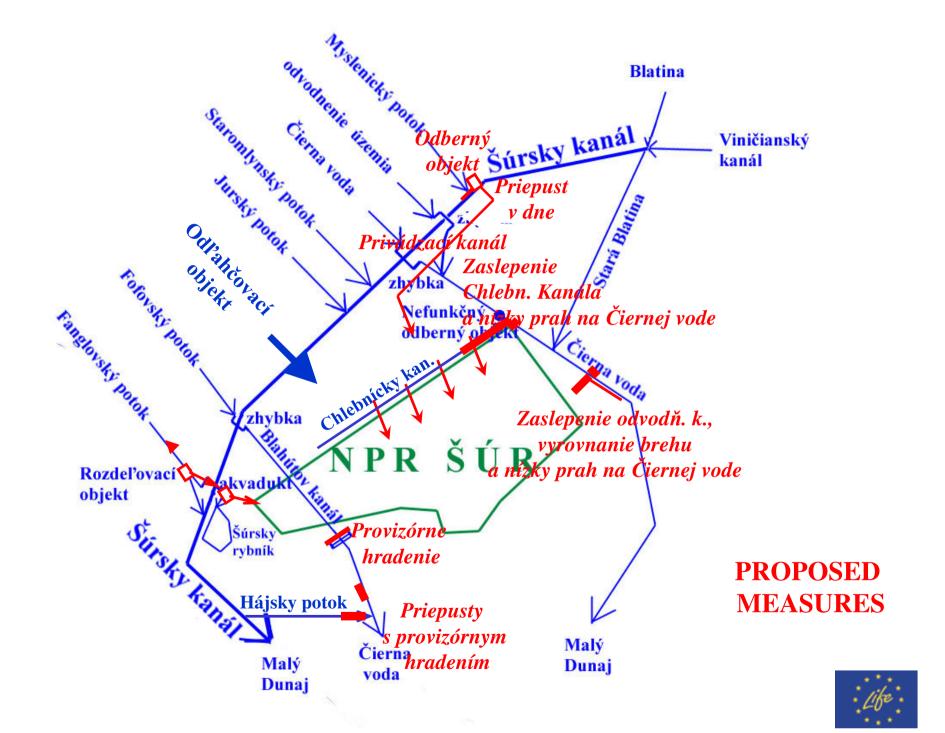
# **Project LIFE**

- Restoration of Wetland Sur
- Beginning: 10/2003 (1/2003)



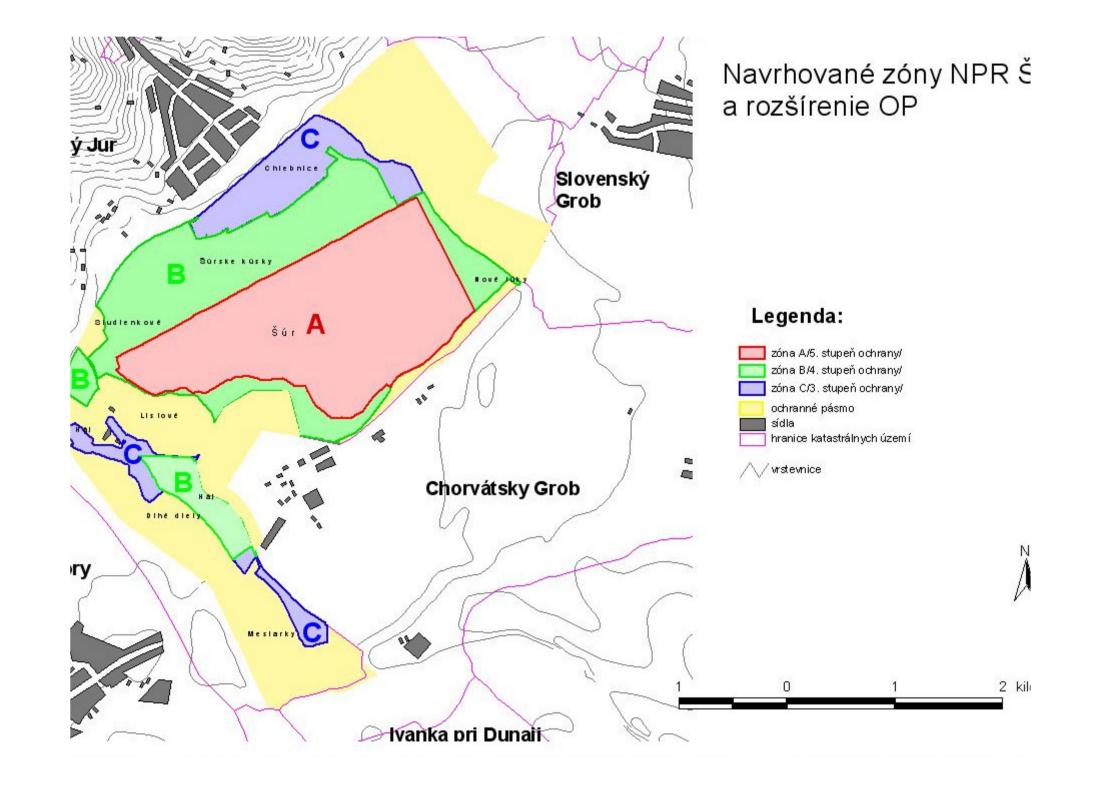
- End: 1/2007
- Objectives
  - Administrative measures (Rescue Program)
  - Technical measures (return of water to Sur)
  - Public awareness campaigns





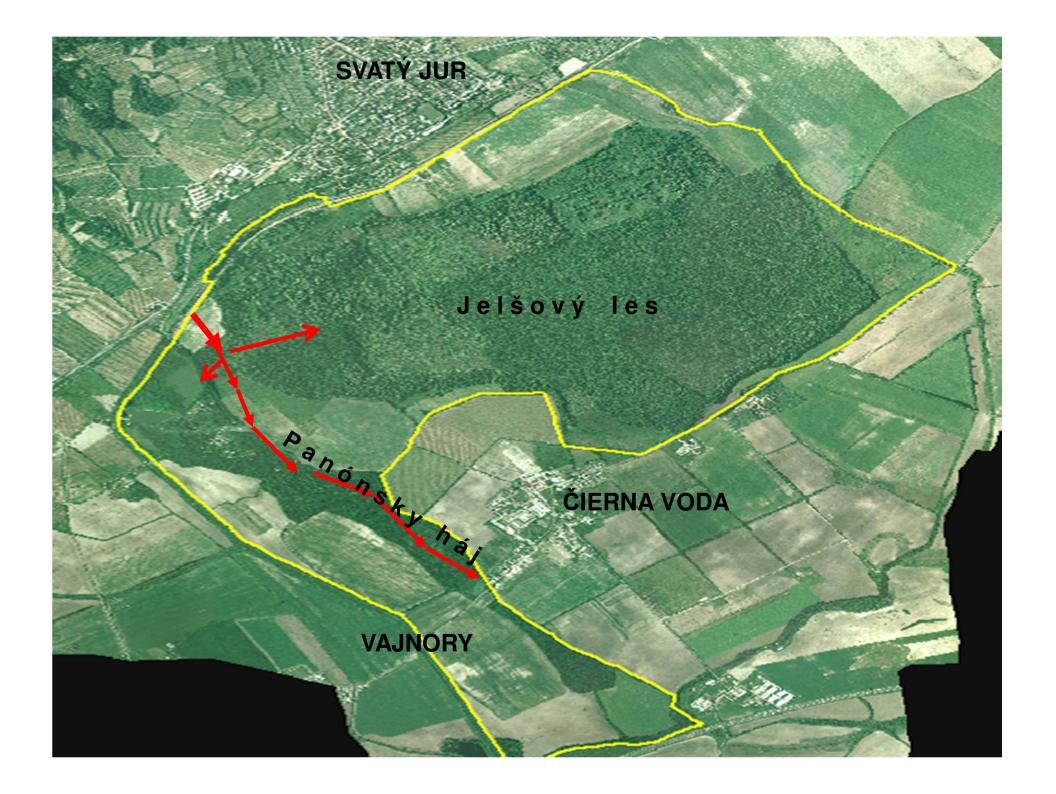
## Management measures

- Zoning of the reserve
- Designate clear competencies
- Clear rules on ownership
- Define responsibilities



### **Public awareness**

- Leaflets
- Workshops
- Web page: <a href="www.apop.sk/life">www.apop.sk/life</a>
- Education trail













## Final results of LIFE project

- MoE stopped the project due to a strong resistance from local community and urbanization plans
- MoE granted permits to investors to urbanize area
- € returned to the EC

### **Lessons learnt**

- Political risk: non compliance with EU Directives on Habitat, Bird, WFD
- Social risk: Local community does not want to negotiate any more
- Economic risk: area vulnerable to floods
- Environmental risk: many....

## What went wrong...

- Basic principles of IWRM ignored:
  - Land use planning should be a significant component of implementing IWRM plan
  - Planning process must take into account not only development options within the water sector itself but also scenarios for development and relations between other sectors, and
  - Consequences of water managment decisions in other economic sectors should be an integral part of the analyses made during the planning process

#### and also

- Participatory approach ignored
  - Stakeholders need to get to know each other, to understand and interpret concepts
  - Communication and information exchange need to be enhanced
  - Appropriate approach to different groups of stakeholders need to be selected

### **Lessons learnt**

- Discuss
- discuss