



Conservation of biodiversity in the Danube-Drava-Mura river corridor

Presentation to representatives of policy
makers from five countries

Experts group 1
KFS 2007
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Current situation

- Information gathering from:
 - Internet,
 - Domestic experts
 - NGO
 - Local governance representatives
- Methodology
 - Group work,
 - Expertise,
 - Literature research

Background information

👉 Three rivers Danube, Drava, Mura about 600 km through

👉 Five countries:

- Austria, Slovenia, Hungary, Croatia, Serbia

👉 Five protected areas:

- Core areas 22635 ha
- Buffer zones 202400 ha
- Transition areas 500000 ha

☹️ 22 dams on Drava

☹️ Large sand and gravel banks nearby rivers

☹️ Many large cities

☹️ River trade routes

☹️ Decreasing population number of some species

😊 About 2000 various plants and more than 5000 animal species

Assessment of critical dimensions

- Technology
- Environmental
- Social-economics
- Government

Assessment of critical dimensions

- **Technology**

- Improvement in agro technology
- Cleaner production
- Waste water treatment

Assessment of critical dimensions

- **Environmental**

- Increase in biological research
- Population decrease of some species
- Negative effect of embankments and dams on habitats



KATASTROFALNA POPLAVA U KOTORIBI 1965.GODINE
Promet ulicama Kotoribe odvijao se čamcima i splavima

Assessment of critical dimensions

- **Social-economics**

- Increasing water demand (Agriculture irrigation with underground water)
- Increase of water pollution (pesticide)
- Increase land demand (illegal weekend houses, rural tourism)
- New jobs in protected areas (guides, environmentalists, shops, restaurants, motels)
- Less jobs in agriculture
- Fisheries, hunting, river transport

Assessment of critical dimensions

- **Government**

- New laws according EU legislative
- New environmental taxes and subsidies
- Better inspection of protected areas
- Better inspection of polluters

Strategic invariants

- Demographic
- Governance

Critical uncertainties

- Economy
- Environment