



PLITVICE LAKES

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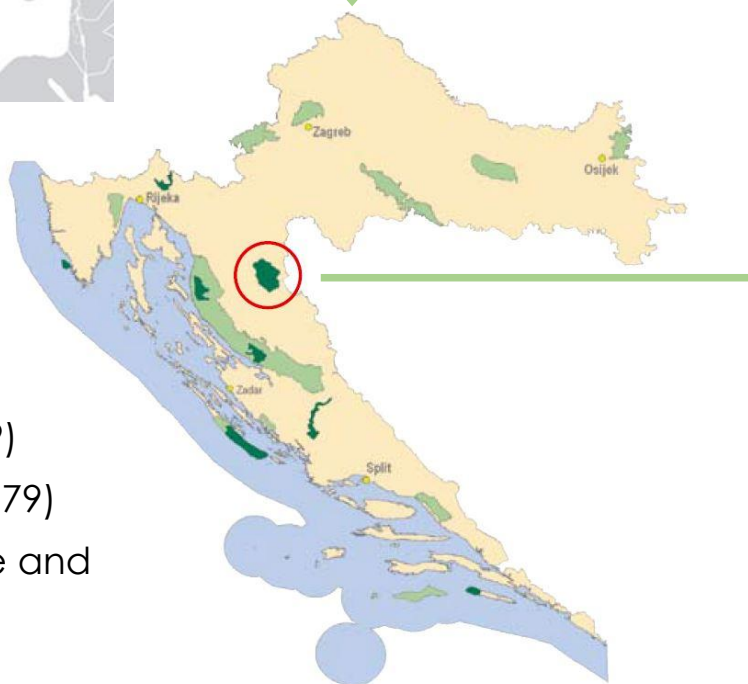
FINAL PRESENTATION
DESIGN WITH NATURE
2018

FLASHBACK

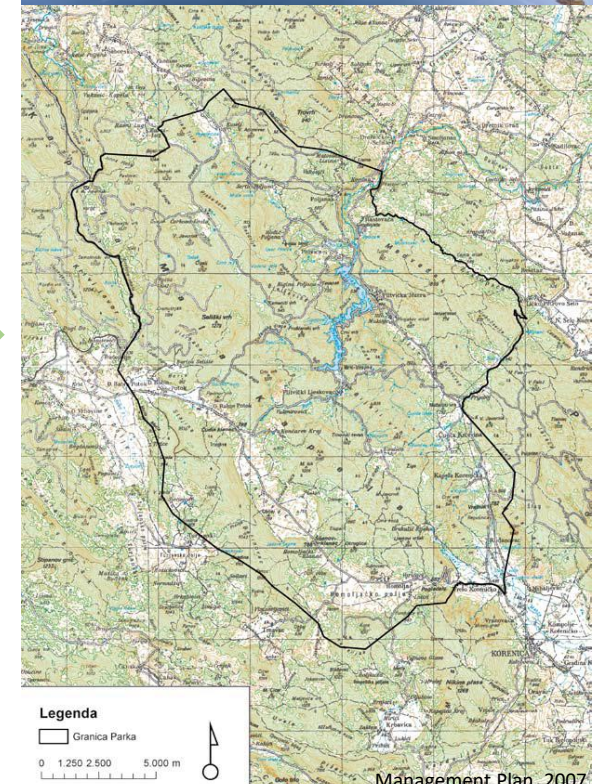
BASIC INFO



- **Plitvice lakes** national park
- Located in the **Republic of Croatia**



Andrea Zlatar, 2017



Management Plan, 2007

- **Oldest and largest** NP (1949)
- **UNESCO World Heritage** (1979)
- Outstanding universal value and **international recognition**

Managment Plan, 2007

CHALLENGES

Mass tourism / Overcrowding

- Over +1,5 million tourists per year
- Up to +15000 tourists per day
- Devastation caused by too much touristic pressure
- Tourists not following the predetermined paths, entering closed areas



CHALLENGES

Apartmanization

- Number of apartments has doubled in the past 10 years
- A large number of new building permits in the protected area
- Possibility of new hotels being built in the future



CHALLENGES

Pollution



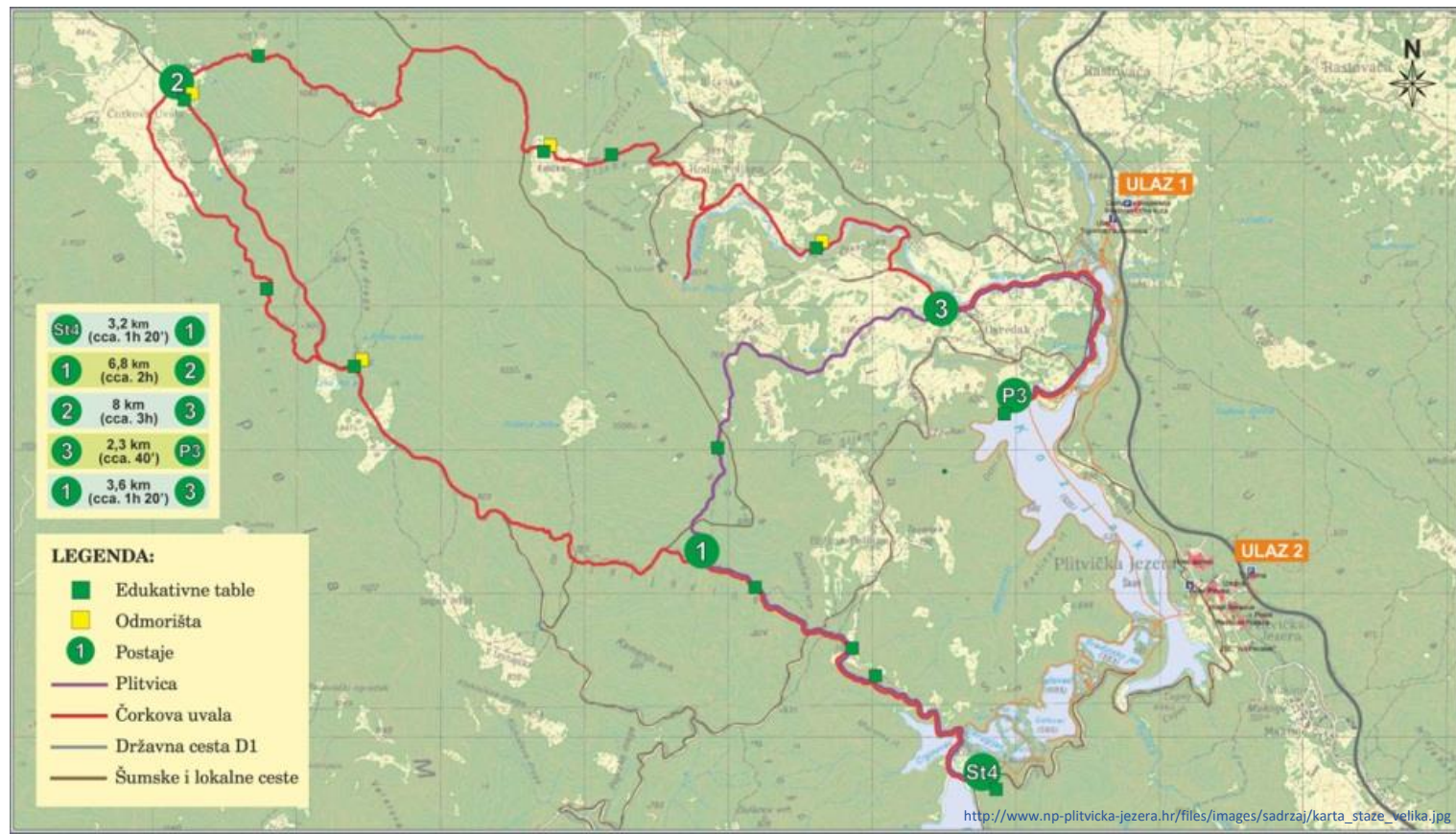
- Location of the majority of the tourist infrastructure (3 hotels) nearby the largest Kozjak Lake
- Insufficient sewer system (Waste waters are released into the nature)
- Park area and the nearby municipalities are supplied with potable water from Kozjak Lake and some water streams (Danger of draining)
- Increased amounts of dissolved organic matter impacts the barriers – result of human activity (agriculture, animal husbandry, tourism, wastewater)
- **POLLUTION ALREADY DETECTED IN THE WATER!**



CHALLENGES

Traffic

- State road passes through the water catchment area
(Public traffic poses a serious risk to the lake ecosystem, especially transportation of oil and fuel)





Thank
You