

The image shows a field of tall, thin grasses with feathery seed heads, silhouetted against a bright sunset sky. The sun is low on the horizon, creating a warm, golden glow. The grasses are scattered across the foreground and middle ground, with some reaching towards the top of the frame. The sky is a mix of light and dark tones, with some clouds visible near the horizon.

Landuse in protected Areas

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Introduction

- Identification of several LU practices conflicting with conservational efforts
 - Urban Sprawl
 - Traffic (infrastructure)
 - Tourism & recreation
 - Lack of management measures
- Additional threats
 - Hunting
 - Agriculture
 - Reed growth



Contents

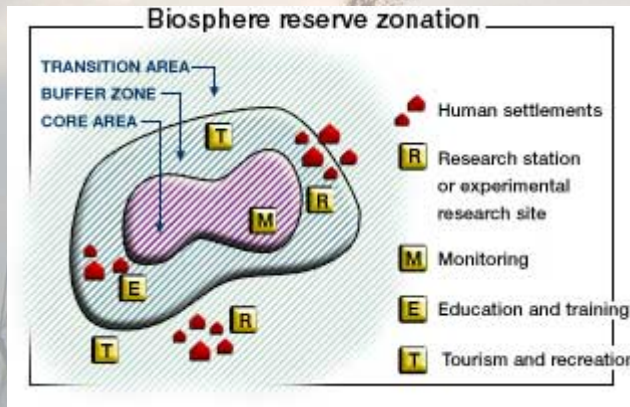
- Goals and aims
- Biosphere reserves
- Biosphere reserve Neusiedler See
- Mitigation measures
- Example Survey
- Example Green Map

What do we want?

We want to contribute to the sustainable use of natural resources focusing on soil by developing strategies supporting the goals of IPSOIL

- Learning Region
- Lifelong Learning
- Sustainable LU

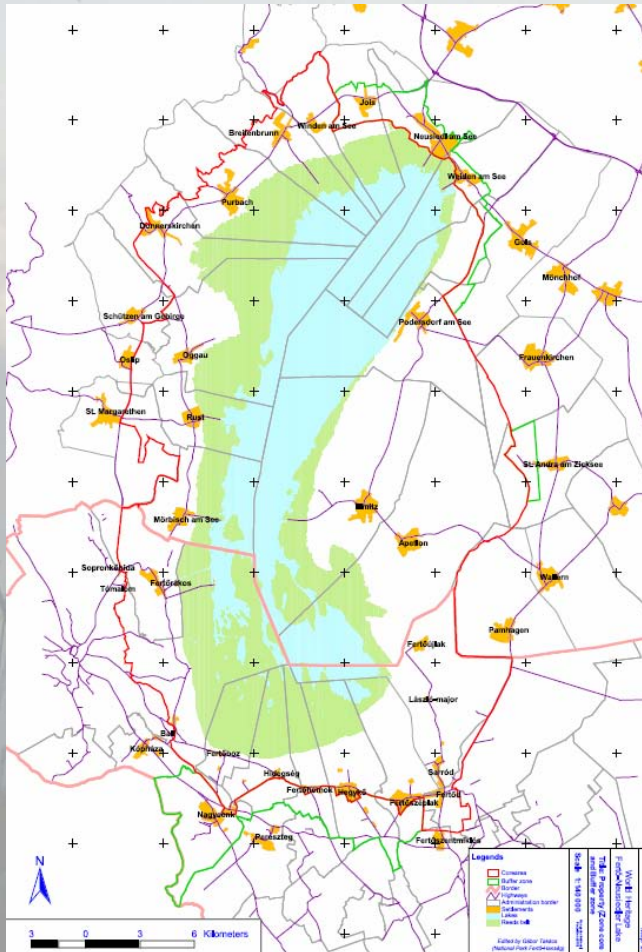
Biosphere reserves



Source: UNESCO's MAB Programme
<http://www.unesco.org/mab/nutshell.htm#How>, June 2005

- Core Area
 - Legally established
 - Long – term protection
 - No/Little human intervention
- Buffer Zone(s)
 - Around Core Area
 - Activities must not hinder conservation objectives
 - Experimental research
 - Education & training
 - Recreation & eco – tourism
- Outer transition Area / Area of Co – operation
 - Human settlements
 - Agriculture
 - Sustainable use of area's resources
 - Economic & social significance

Biosphere reserve Neusiedler See



- Year of nomination: 1977
- Area 25.000 ha
- Core Zone 4330 ha
 - Ramsar Convention
 - National Parks

Source: GIS Burgenland, <http://www.gis.bgld.gv.at/default.htm>, June 2005

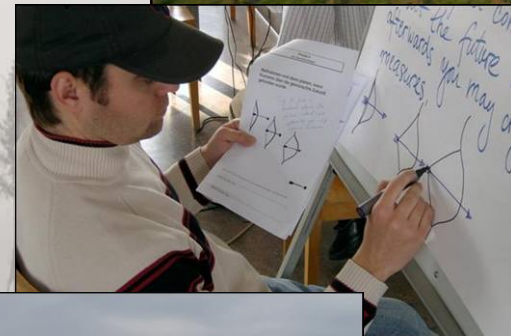
© Amt der Burgenländischen Landesregierung

What is needed?

- Levels of action
 - Natural resource management (soil)
 - Human capacity building
- In different areas
 - (Core Zone)
 - Buffer Zone
 - Area of Co-operation

Buffer zone

- Management of Natural Resources
 - Management Measures being developed (not published yet)
 - Agriculture (pasture)
 - Wine Production
- Human Capacity Building
 - Networking
 - Local supply
 - Development of new ideas



Area of Co – operation (incl. settlements)

- Responsible use of natural resources by
 - Stakeholders
 - Decisionmakers
- Human Capacity Building
 - Awareness rising and activation
 - Public involvement and Networking
 - Education and Co-operation
 - Development of new ideas

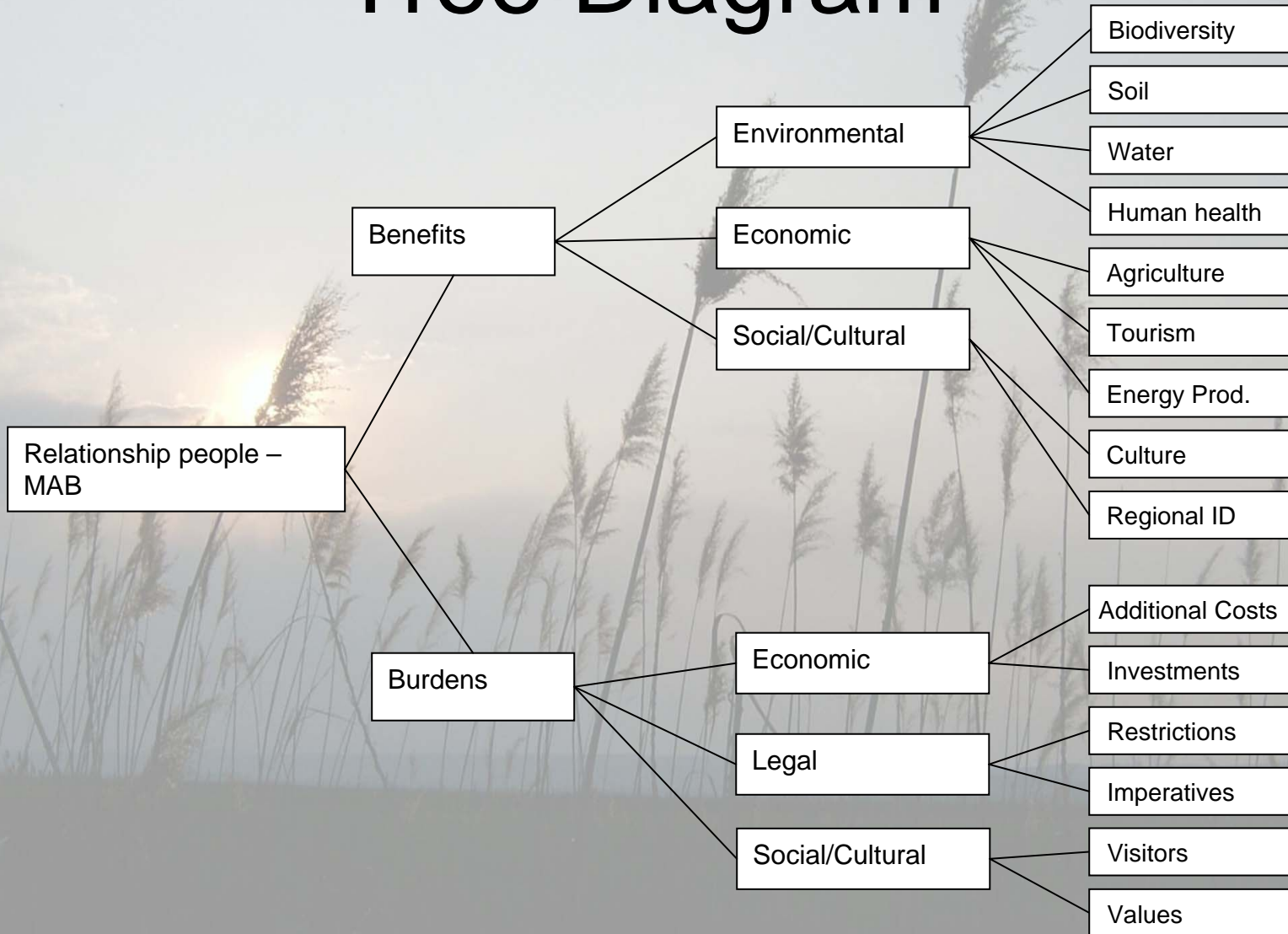
Neusiedl am See

- Home base of IPSOIL
- Population of 5.500
- Role model
- Aggregation of results on regional level
- Examples:
 - Survey: The Attitude of the inhabitants of Neusiedl am See towards the Biosphere Reserve Lake Neusiedl
 - Green Map of Neusiedl

Example: Survey

- Objectives
 - In relation to the problem: to make proposals on the improvement of land use in Neusiedl through communal participation
 - Within the research project: to obtain a general (quantitative) overview of people's social and economic relationship to the biosphere reserve that can be used for management concepts within the whole region
- Values Associated with Ecosystems
 - Utilitarian Concept:
 - Use values
 - Non-use values (existence values)
 - Non-utilitarian paradigm
 - Intrinsic values

Tree Diagram



Research Questions

- Central research question:

What is the relationship between the inhabitants of Neusiedl am See and the biosphere reserve?

- Sub research questions:

- What economic benefits do the local stakeholders derive from protected area?
- Which influence does the biosphere reserve have on the people's environment?
- What is the relationship between the lake and people's social and cultural lives?
- Which financial commitments can be traced back to nature conservation measures within the reserve?
- (Which legal restrictions does the local population face because of the biosphere reserve?)
- Which negative impacts on the peoples social and cultural lives are rooted in the biosphere reserve concept?

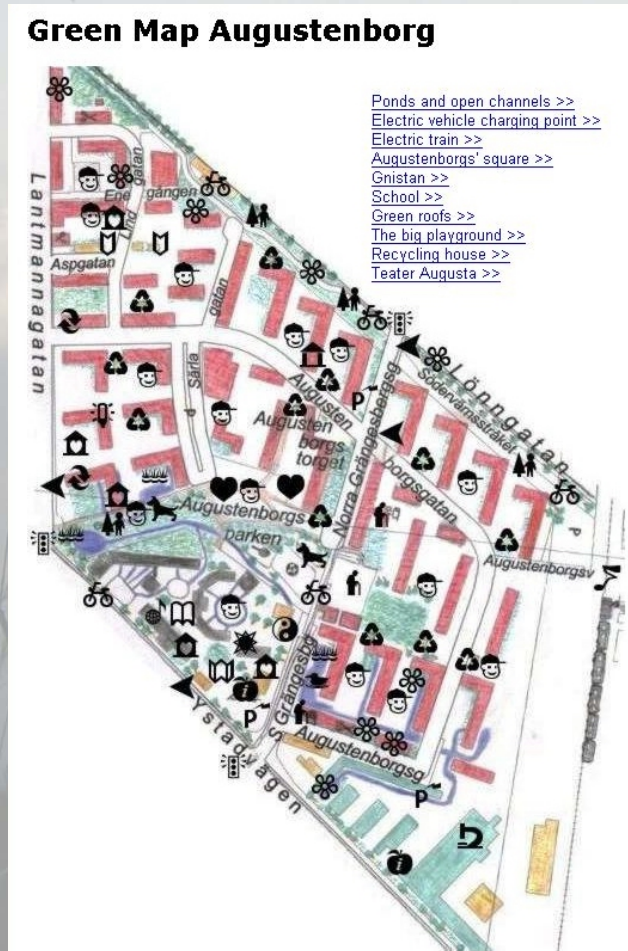
Survey - Indicators

- The impacts of Lake Neusiedl on peoples' socio-cultural lives
- Attitude towards the environment and nature conservation
- Ideas on the development of Neusiedl am See
- Traffic
- Tourism and its impacts
- Personal data (age, sex,...etc.)

Example: Green Map Neusiedl am See

- Green maps are locally created maps that chart the natural and cultural environment
- Emphasis on citizen participation and community sustainability
- Part of the Green Map system, a global eco – cultural movement, based on local knowledge, action and responsibility

Example of a Green Map



Key

	Green Map available here		Public Art
	Dog exercise area		Electric Vehicle Charging Point
	Recycling and composting point		Research site
	Garden		Environmental Information
	Community Garden		Eco-school
	Wetland		Drop-In
	Park		Pensioner-friendly area
	Pond		Solar Energy
	Child-friendly area		Theatre
	Buss / train stop		World Music
	Cycletrack		Noise
	Green business		Traffic area
	Historical area		Health resource

Source: Green Guide Malmö
<http://www.greenguide.nu/augustengindex.html>, June 2005



Thank you!