

# NUCLEAR POWER PLANT OF TEMELÍN

## social dimension

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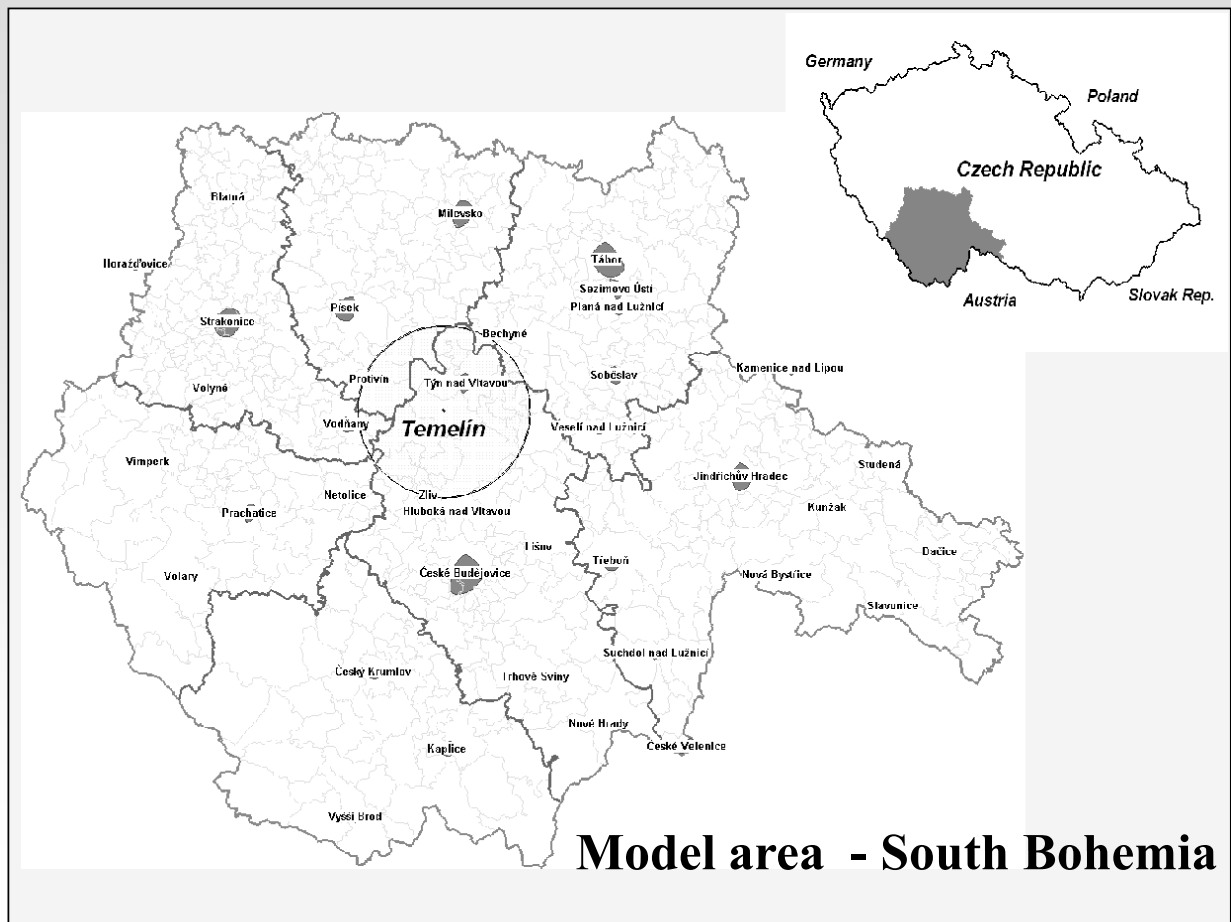
*Photomontage Michael Bartoš*



**Nuclear power plant as „unusual landscape feature“**

# The Project

## Socio-ecological and psychological impacts of the Temelín nuclear power plant on population (2002-2008)



## Research subject

Interpretation by locals  
„subjective“ view

- **Quality of life** of local population; affect of the power plant on it (*modified technique Quality of Life Profile – Adult version; University of Toronto*);
- **Attitudes of local people** to the power plant

Official statistical  
data („objective“ view)

- **Socio-economic situation** in the region (*services and infrastructure available, rate of unempyemnt, social and demographic structure*)

## Methods used (triangulation)

Life time histories

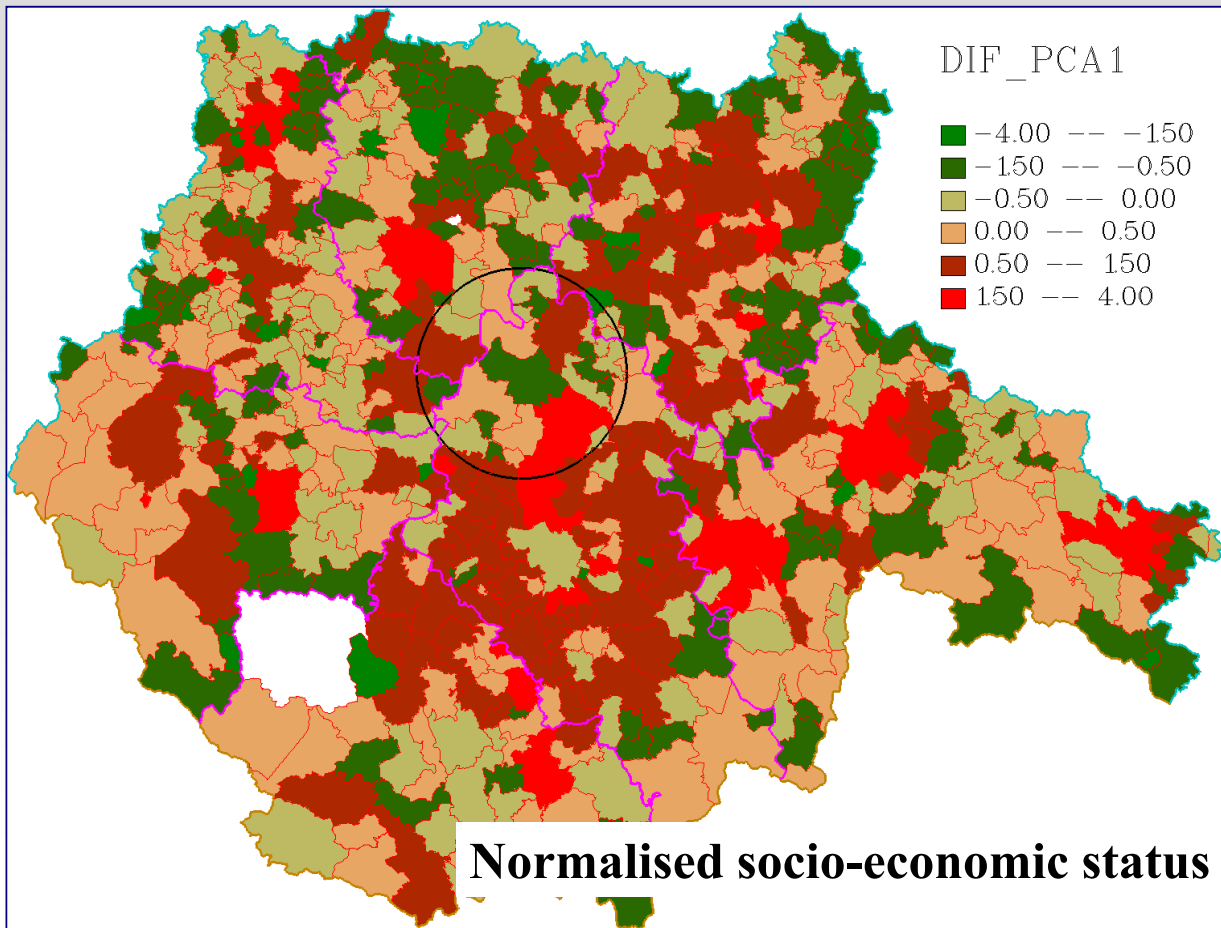
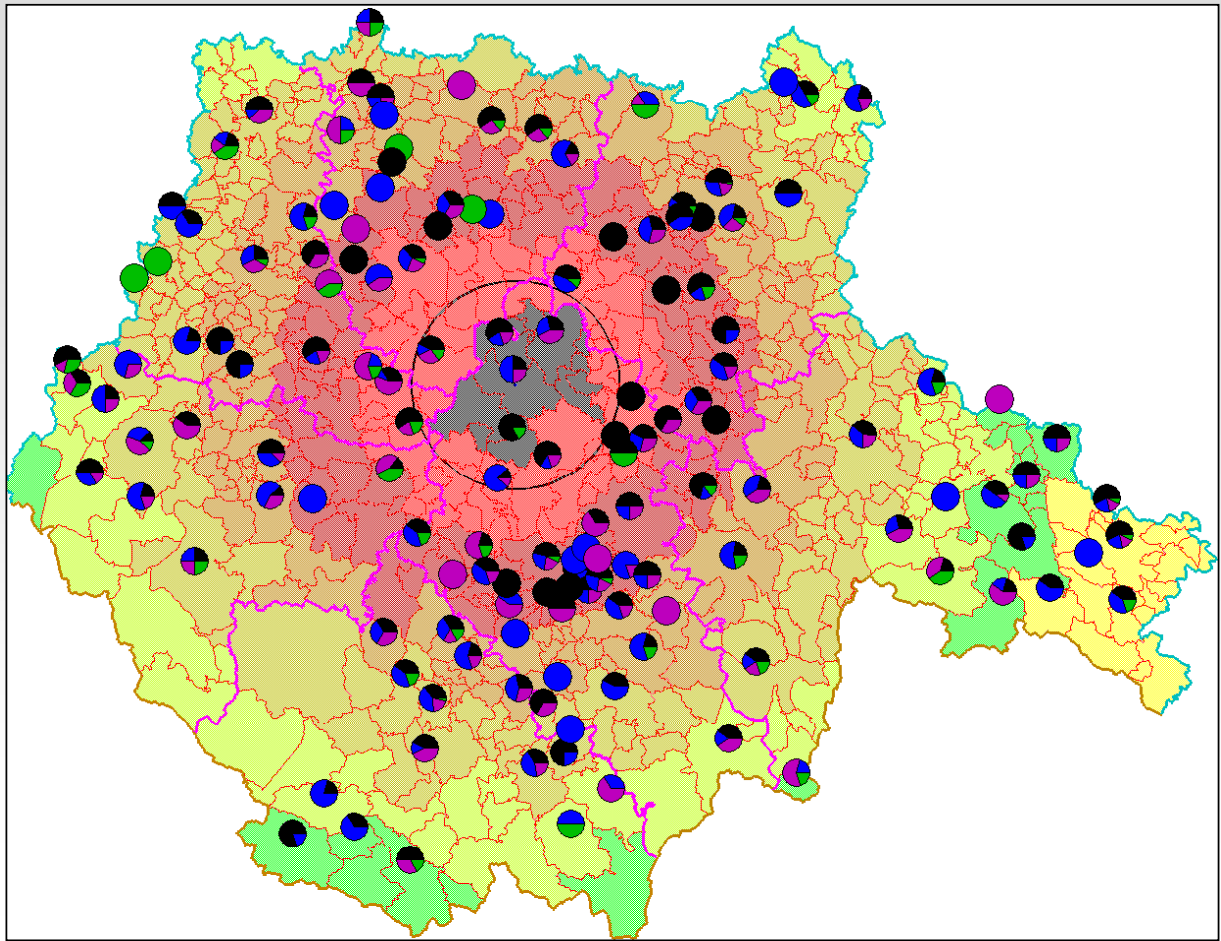
- **Biographic research (2003, 2004):** people directly influenced – positively or negatively – by building and operating of the power-plant (N=20)

A priori thematic  
structure

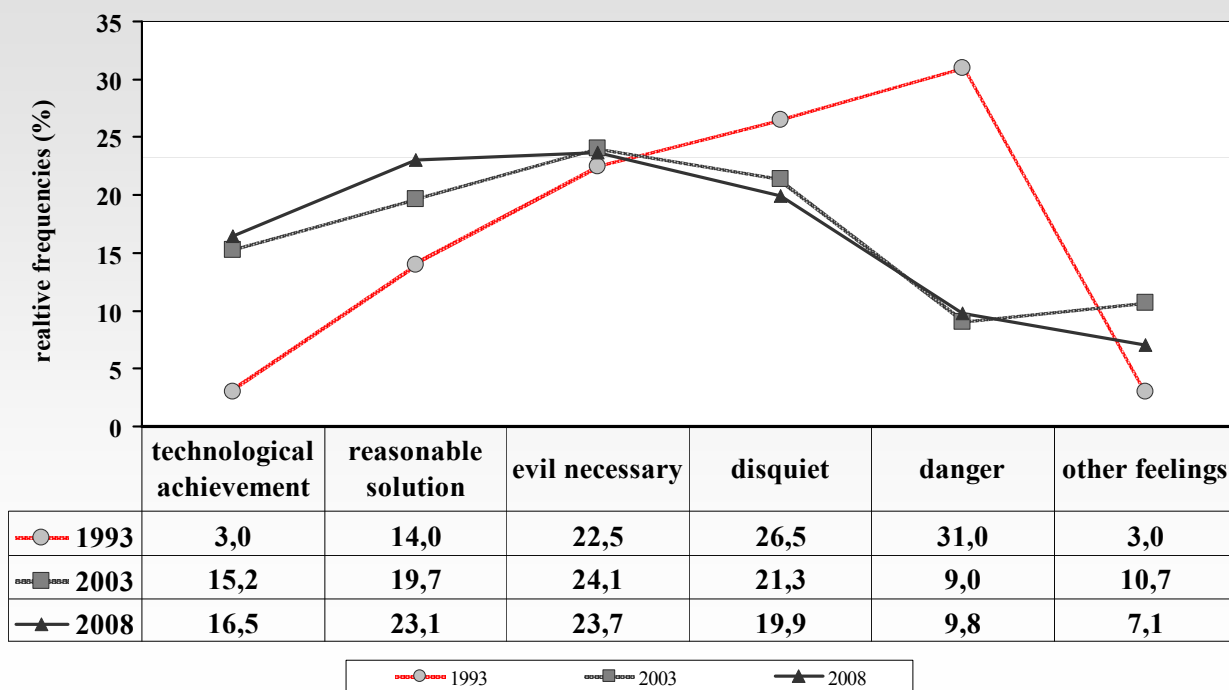
- **Key informant interviewing (2003, 2004):** experts and local elite - mayors, NGO, media, positively associated with TNP, regional representatives (N=50)
- **Questinnaire survey (2003, 2008):** adult population (N=1033, 997)

Data CSI

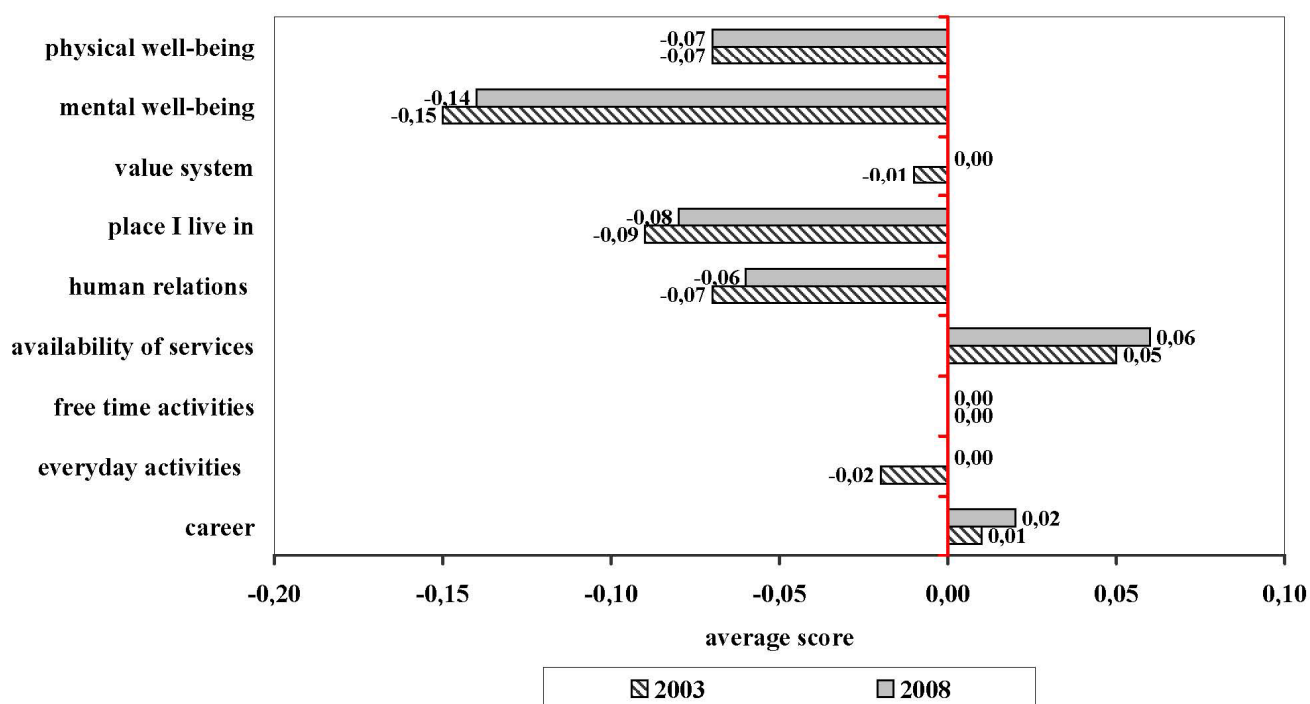
- **GIS – visualisation (2005):** 22 relative parameters on land use, infrastructure and services



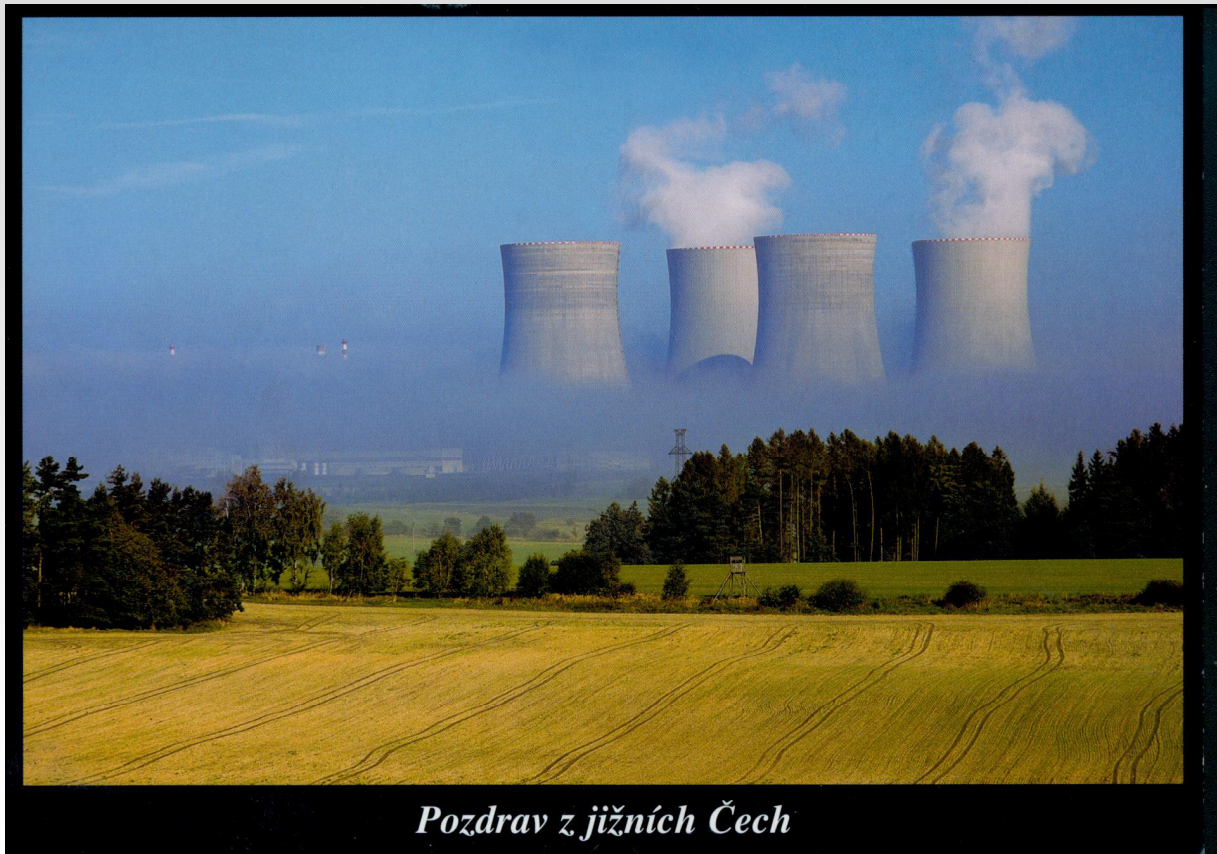
### The cooling towers evoke a feeling (1993, 2003, 2008)



### Quality of life as influenced by the Temelín power plant (2003, 2008)







*Postcard „Greetings from South Bohemia“. Unios Publishing*

## **Issues that may change the situation**

- **Europe-wide renaissance of nuclear power**
- **Effort to be self-sufficient in energy supply**



- **„Doubling“ of the power plant**
- **Repository location**

## *Acknowledgements*

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“Socio-ecological and psychological impacts  
of the Temelín nuclear power plant on population“,  
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**Thank you for attention**