

WP6 – Case study of Komárno

1st CrossDanube Workshop - of the DONAUREGIONEN+ project
15th and 16th April 2010
Podbanské, Slovakia

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Objective

- Strengthen of mutual cooperation of CDR subregions
- To identify common disparities and weaknesses and to propose programs to overcome them




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Indicators (1)

- **GS Natural conditions**
 - Water pollution Index
 - Atmosphere pollution SO₂ - emission in tons for 1000 inhabitants
 - Atmosphere pollution NO_x - emission in tons for 1000 inhabitants
 - Atmosphere pollution ash - emission in tons for 1000 inhabitants
 - Atmosphere pollution CO - emission in tons for 1000 inhabitants
 - Number of landfills




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Indicators (2)

- **GS Settlement Structure and Human Resources**
 - Number of dwellings per 1 000 inhabitants
 - Number of university students per 1 000 inhabitants
 - Regional vitality index




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Indicators (3)

- **GS Transport**
 - Road Transport – Density of Highways
 - Railway Transport – Density of Railways
 - Water Transport – freight transferred
 - Water Transport – accessibility of ports
 - Air Transport – airports accessibility

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Indicators (4)

- **GS Technical Infrastructure**
 - Electric energy supply
 - Natural gas supply
 - Broadband (internet connection, >256 kbit/s)
 - Drinking water supply
 - Wastewater treatment
 - Renewable energy sources

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Indicators (5)

• GS Economy

- Regional GDP per capita in PPS as a share of EU 27(25) average (%)
- Labour force participation rate (%)
- Unemployment rate in region (%)
- Number of employed in tertiary branch (%)
- Share of college and secondary school educated inhabitants
- Tourism - average guest nights
- Tourism - foreign visitors

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Identification of relevant documents

• National level:

- Regional operational Program,
- Operational Program – Transport,
- Operational Program – Competitiveness and Economy Growth,
- Program of Crossborder Cooperation – HU-SK,

• Regional level:

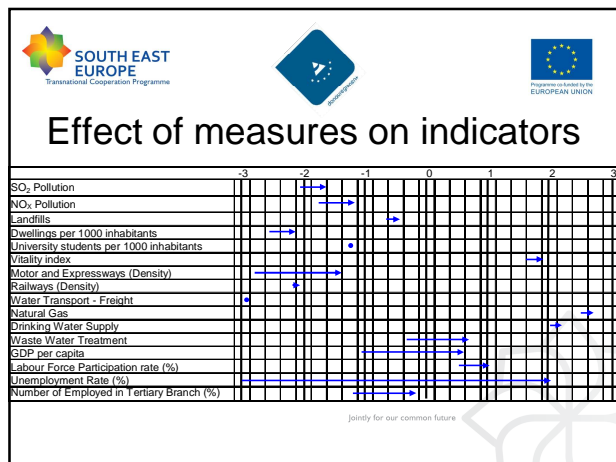
- Program of Economy and Social Development of Nitra Self-governing County,
- Development Strategy of Tourism in Nitra Self-governing County,
- Physical Transport General of Nitra Self-governing County,
- Physical Plan of Nitra Self-governing County

• Local level:

- Program of Economy and Social Development of Komárno

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	Indicator	Value X	Value Y	Indicators value
gs	Name	Value	Predict to 2020	Min. Max.
	Atmosphere pollution SO ₂	7,000	-2,077 -1,615	1,000 40,000
NC	Atmosphere pollution NO _x	8,000	-1,769 -1,154	0,000 39,000
	Landfills	11,000	-0,692 -0,462	1,000 27,000
	Dwellings per 1 000 inhabitants	326,760	-2,561 -2,109	304,159 613,000
SS	University students per 1 000 inhabitants	37,921	-1,270 -1,270	0,000 131,500
HR	Vitality index	110,355	1,600 1,900	51,400 128,300
	Motor and Expressways (Density)	0,003	-2,836 -1,364	0,000 0,110
	Railways (Density)	0,031	-2,177 -2,044	0,000 0,226
TTI	Water Transport - freight transferred	374 704	-2,963 -2,961	0,000 60 828 000
	Natural gas	91,500	2,490 2,700	0,000 100,000
	Drinking water supply	87,300	2,071 2,268	18,000 100,000
	Wastewater treatment	42,880	-0,312 0,761	0,000 95,710
	Regional GDP per capita in PPS as a share of EU 27(25) average (%)	50,000	-1,074 0,686	11,720 131,000
E	Labour force participation rate (%)	57,800	0,546 1,064	39,300 70,600
	Unemployment rate in region (%)	17,800	-3,000 2,051	2,000 17,800
	Number of employed in tertiary branch (%)	31,650	-1,274 -0,266	17,350 67,050



SWOT Analysis

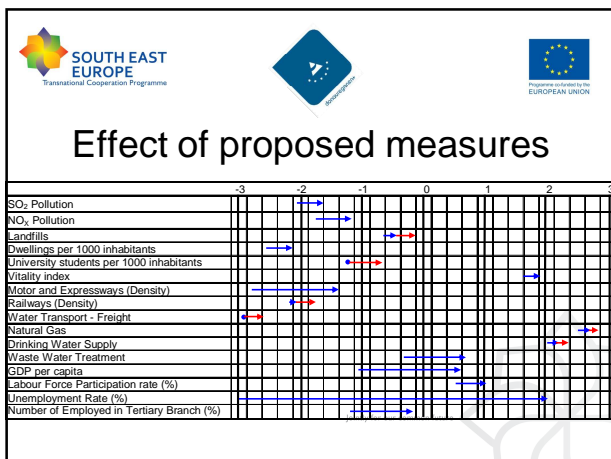
Strengths <ul style="list-style-type: none"> •county morphology •developed agglomerations •trans-European transport corridors •railway - international corridor IV. •high level of energy production 	Weaknesses <ul style="list-style-type: none"> •few water sources •overregional transport network •road connection along the Danube •insufficient RES production •high unemployment rate
Opportunities <ul style="list-style-type: none"> •cross-border cooperation •alternative sources of energy •R&D •Danube ports •cultural heritage 	Threats <ul style="list-style-type: none"> •air pollution •ageing •demographic depression

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Strategy

Programs	Objectives					
	Education	Labour force	Waste disposal	Economic competitiveness	Accessibility, connectivity	Life quality
Education						
Vocational training						
Language						
State of environment						
Landfills						
Transport infrastructure						
Water port						
Railways						
Technical infrastructure						
Natural gas						
Drinking water						

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Thank you for your attention.

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