GUIDE

FOR

DONAUREGIONEN+

WORK PACKAGE 6 – CROSSDANUBE STRATEGY DEVELOPMENT

INSTITUTE FOR SPACIAL PLANNING

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CONTENTS

Introduction

The task of workpackage 6 (WP6) is to summarize a set of strategic objectives and planned development projects for each crossdanube region (CDR). The task will be realized by summary of existing objectives and proposed projects from different types of documents related to particular CDR (documents of structural and regional policy, physical planning documents, social economic development programs, strategies of cross border cooperation etc.). The summary will be focused on all relevant documents at national, regional, cross border and local level related to particular CDR.

WP6 is directly linked to WP5. Both work packages are focused on summary of strategic objectives and development projects, the difference is in scope of the area: WP5 is focused on NUTS 3 regions while WP6 is focused on CDR. Thus the results of WP5 will be important source of data for WP6.

The important source of data will be also the outputs of WP4 – the analytical descriptions of NUTS 3 regions according sectors (4 general schemes). These data will be adjusted for the requirements of analysing the CDRs.

Concerning the whole structure of DONAUREGONEN+ project, the outputs of WP6 will serve for creating comprehensive strategy in WP7.

The tasks of WP6 will be carried out within 21 CDRs defined by DONAUREGIONEN project. The high number of CDRs located in different countries cause a lot of specifics by which CDRs vary from each other. This concerns also the different level of crossdanube linkages within particular CDRs.

The processing of outputs of WP6 will be the task of the project partners responsible for the particular CDR. One of their key tasks is the creation of suitable institutional framework consisting of the relevant regional stakeholders.

The objectives of WP6

The main objective of WP6 is to identify, summarize and review the existing strategic objectives and projects from strategic documents for each CDR.

The achievement of the main objectives requires realization of number of partial tasks defined by the following set of specific objectives:

1. Identify the areas of CDRs according the established and agreed criteria (time accessibility).

2. Analytically describe the CDR within the sectors (4 general schemes).

3. Identify relevant development documents related to CDR, identify relevant regional stakeholders.

Inputs of WP6

The outputs of WP4 will serve for elaboration of the analytical description of current situation of the CDR. WP4 describes the situation in four sectors (general schemes) within each NUTS 3 region. These sectors are: 1. natural conditions, 2. settlement structure and human resources, 3. transport and technical infrastructure, 4. economy.

The outputs of WP4 (at the level of NUTS 3) will be completed and deepen in order to analyse the smaller regions with specifically defined borders. The integration of data from both sides of Danube will be needed (since they are parts of different NUTS 3 regions) in order to describe the CDR as a single region.

WP4 is focused on updating the analytical data elaborated in previous phase of project. There is no possibility to use such data in case of countries which became projects partners only in second phase of the project. The elaboration of analytical description of regions within countries of new project partners will be thus a challenging task.

WP 5 focuses on identification and summarization of strategic documents relating to the NUTS 3 level. The contents of WP5 and WP6 are essentially very similar. The main difference is in the scope of examined area. The outputs of WP5 will be the key input data for WP6. The data of WP5, summary of strategies concerning NUTS 3 level, will be used in WP6 and completed by the relevant documents of lower level.

Outputs of WP6

The final result of WP6 will be Summary description in form of publication for each CDR. The structure of contents of the Summary description is as follow:

1. Identification of the area of CDR

2. Analytical description of current situation within four general schemes

3. Identification of relevant stakeholders within CDR

4. Identification of relevant measures and projects with focus on cross border linkages

5. SWOT analysis

6. Map outputs

7. References

WP 6 – Crossdanube strategy development

The process of the strategy planning is similar as in WP5:

The experts will define the values for each indicator according to the evaluated documents and identified measures in the "partner" region from CDR.

For the work there are two methodological tables:

1. The relevant "Indicator table for the strategy" (see Appendix 1), which includes the X and Y (a.b.c) values. The description of the values (text part) can be done in the text as well as in the "Impact mechanism" table.
2. "Impact mechanism" table which (see Appendix 2) describes the name of the evaluated document (e.g. Regional development plan) and the chosen measure (e.g. water management development) as well as the indicators and the NUTS 3 which has its impact on.

The structure of contents of the Summary description (final document of WP6)

1. Identification of the area of CDR

Based on the analysis and agreement of project partners in the previous phase of the project, 21 CDRs were defined. The exact delimitation of each CDR is first important task of WP6. Delimitation is based on the time accessibility, where the border (Danube river) is centre point of CDR.

For each CDR will be defined a balance area and the self area of CDR. The balance area consist of NUTS 3 regions in which the CDR is located.

1.1 CDR Name

Name of crossdanube region.

1.2 Introduction (General information)
- Definition of CDRs according the model of time accessibility from centres of CDR,
- Identification of key stakeholders (regional self-government, municipal self-government (of major settlements), regional development agencies, euro regions, major private companies) with CDR effect
- CDR area (km^2)

2. Analytical description of current situation within four general schemes

Each CDR is described in terms of four general schemes. This description is based on the results of WP4, where is current situation at NUTS 3 level analyzed.
For the purpose of detailed analysis of CDR a deepening (extent) of the information from WP4 is necessary. Analysis follows the principle of four general schemes.
There are two main challenges in analytical description of CDR:
1.   Select the relevant data for analysis of CDR from existing analysis of NUTS 3 region.
2.   Ensure the compatibility of data from both sides of CDR ensuring the consistent analysis of the CDR.
Analytical part should be focused on evaluation of the linkages between opposite sides of the Danube – neighborhood regions divided by Danube river.

Structure of analysis should be the same as in WP4 – analysis of NUTS3 regions. It means, in the logic of project, information of 4 GS – natural conditions, settlement structure and humanu resources, transport and technical infrastructure, economy.

1. GS Natural Conditions
   - General information about CDR
   - Land use
   - Nature conservation and landscape protection
     o   Protected areas

- o Ecological networks
- State of the environment
- Water management
- Indicators (data for NUTS3 region)

Indicators table

Name	1996	2001	2005	2008
Water pollution Index				
Atmosphere pollution SO2 - emission in tons per 1000 inhabitants				
Atmosphere pollution NOx - emission in tons per 1000 inhabitants				
Atmosphere pollution ash - emission in tons per 1000 inhabitants				
Atmosphere pollution CO - emission in tons per 1000 inhabitants				
Landfills				

Note: Indicator table is taken from WP4. Values are of NUTS3 level. The number of tables is identical with number of CDR subregions.

- Figures and maps of CDR area
- Conclusions and recommendations

2. GS Settlement Structure and Human Resources
   - General information about CDR
   - Human Resources
     - o Demographic situation
     - o Educational structure
     - o Labour market
   - Settlement Structure
     - o Development trends
     - o Roles of importance of the towns
     - o Agglomerations areas and development axes
     - o Interregional cooperation
   - Living Standards
   - Indicators (data for NUTS3 region)

Indicators table

Name	1996	2001	2005	2008
Number of dwellings per 1 000 inhabitants				
Number of university students per 1 000 inhabitants				
Vitality index				

Note: Indicator table is taken from WP4. Values are of NUTS3 level. The number of tables is identical with number of CDR subregions.

- Figures and maps of CDR area

- Conclusions and recommendations

3. GS Transport and Technical Infrastructure
   - General information about CDR
   - Road Network
   - Railway Network
   - Waterways and Ports
   - Air Transport
   - Multimodal Transportation System and Terminals
   - Electric Energy Networks and Installations
   - Gas and Oil Supply and Distribution
   - Telecommunication Network
   - Water Protection and Management
   - Indicators (data for NUTS3 region)

Indicators table

Name	1996	2001	2005	2008
Road Transport – Density of Highways				
Railway Transport – Density of Railways				
Water Transport - freight transfered				
Water Transport - accessibility of ports				
Air Transport – airports accesibility				
Electric energy supply				
Natural gas				
Broadband (internet connection, >256 kbit/s)				
Drinking water supply				
Wastewater treatment				
Renewable energy sources				

Note: Indicator table is taken from WP4. Values are of NUTS3 level. The number of tables is identical with number of CDR subregions.

   - Figures and maps of CDR area
   - Conclusions and recommendations

4. GS Economy
   - General information about CDR
   - Economic level
     - Gross Domestic Product (GDP)
     - Activity structure
     - Average monthly salary
     - Life expectancy at birth
   - Economic potential
     - Primary resources
     - Secondary resources
       - Working potential of the region and regional labour market

- - Sectoral structure of the regional economy
  - Educational structure of the inhabitants in the region
  - Research and Development
  - Innovation
- Tourism
  - Touristic attractions according to the touristic products
  - Touristic infrastructure on NUTS 3 and NUTS 4 levels
    - Number of accommodations and their distribution according to the accommodation types
    - Commerce, services
    - Touristic institutional structure
- Indicators (data for NUTS3 region)

Indicators table

Name	1996	2001	2005	2008
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				

Note: Indicator table is taken from WP4. Values are of NUTS3 level. The number of tables is identical with number of CDR subregions.

- Figures and maps of CDR area
- Conclusions and recommendations

3. Identification of relevant stakeholders within CDR

Identification of relevant stakeholders within CDR and stakeholders determining the situations in CDR. The relevant stakeholders are: major municipalities, self-governing regions, physical planning organizations, research organizations and experts, potential investors, local entrepreneurs etc. This Identification of relevant stakeholders within CDR is based on the data of WP5.

4. Identification of relevant measures and projects with focus on cross border linkages

For each CDR relevant measures/projects are identified within all indicators. First step is to assign measures/projects to relevant indicator. Second step is to fill in its name (linkage to relevant document) percentage of probability of realization and change of absolute value. Impact (absolute value change) defines absolute value change of indicator absolute value till the year 2020.

Comparing with WP5 the different is, that in WP6 are taken into account only measures from partner subregion(s) within CDR. It means, only measures identified by partner subregion(s) in WP5. From these measures are chosen those, which are relevant (with effect on indicators) for the subregion. After it, impact of these measures will be estimated.

List of measures for NUTS 3 region 1

Indicator name: Indicator 1				
No.	Identification/Name of document	Chosen measure/project	Probability of realization	Change of absolute value
1.				
2.				
3.				
etc.				

Indicator name: Indicator 2				
No.	Identification/Name of document	Chosen measure/project	Probability of realization	Change of absolute value
1.				
2.				
3.				
etc.				

Indicator name: Indicator n				
No.	Identification/Name of document	Chosen measure/project	Probability of realization	Change of absolute value
1.				
2.				
3.				
etc.				

List of measures for NUTS 3 region 2

Indicator name: Indicator 1				
No.	Identification/Name of document	Chosen measure/project	Probability of realization	Change of absolute value
1.				
2.				
3.				
etc.				

Indicator name: Indicator 2				
No.	Identification/Name of document	Chosen measure/project	Probability of realization	Change of absolute value
1.				
2.				
3.				
etc.				

Indicator name: Indicator n				
No.	Identification/Name of document	Chosen measure/project	Probability of realization	Change of absolute value
1.				
2.				
3.				
etc.				

Note: List will consist of documents, measures and projects from all subregions in CDR. Probability of realization will be stated by expert from country, where the measure is realized.

5. SWOT analysis

SWOT analysis of CDR will be the summary output of analytical part of each CDR as well as the summary of strategic documents. It will provide summary of current situation, divided into strengths, weaknesses, opportunities and threats of CDR. As a base will be used SWOT analyses of relevant regions from WP5.

GS Natural Conditions	Strengths	Weaknesses
	Opportunities	Threats
GS Settlement Structure and Human Resources	Strengths	Weaknesses
	Opportunities	Threats
GS Transport and Technical Infrastructure	Strengths	Weaknesses
	Opportunities	Threats
GS Economy	Strengths	Weaknesses
	Opportunities	Threats

Identification of key disparities and development factors will be done from SWOT analysis table.

6. Map outputs

Each CDR sector will be presented by specific map + map with key project intentions summary it means:

- map of natural resources,

- map of spatial structure

- map of transport infrastructure (including zones of accessibility)

- map of technical infrastructure,

- set of cartograms and cartodiagrams describing main social and economic development factors

The base for the elaboration of the maps will be GIS data prepared within WP4 and WP5.

7. References

List of references.