CAMP SLOVENIA

Regionalni razvojni center Koper

RRA Južna Primorska

UNEP

MAP

PRIORITY ACTIONS PROGRAMME

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE IN PROSTOR

Project: CAMP Slovenia

REGIONAL SPATIAL INFORMATION SYSTEM

Final report

Koper, January 2007

Občina Divača | Občina Hrpelje-Kozina | Občina Ilirska Bistrica | Občina Izola | Občina Komen | Mestna občina Koper | Občina Piran | Občina Sežana

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1. Purpose of the PRIS project

Spatial data and information are often scattered across various information systems, which makes them unavailable and their gathering, management and usage expensive and inefficient. For this reason an establishment of a common spatial information system appears as the only sensible solution, since it would efficiently connect all spatial CAMP Slovenia projects and accompanying activities into a unified system through created spatial data bases and an information flow system. Such a system enables monitoring of spatial conditions and timely response of local communities and other interest groups to conditions in the area. When using it, it is much easier to respect principles of sustainable development with the emphasis on spatial data and information, which are specific for the sensitive area of eight municipalities of the South Primorska statistical region.
In the framework of the CAMP Slovenia programme the PRIS project is a horizontal support project, for it provided adequate spatial data bases to other projects in CAMP Slovenia, in compliance with its capabilities, and also gathered project results in an orderly manner. An established infrastructure on a mechanical and application level, in the PRIS project, also enabled presentation of some project results in the common information system.

2. Objectives

The basic aim of the PRIS project was to establish an appropriate information infrastructure with a highest possible number of available spatial data bases, which would provide to project contractors, municipalities, and other organizations dealing with spatial management, in the scope of CAMP Slovenia, all necessary available spatial data. The data will then be available for decision-making and implementation of spatial projects. For the implementation of tasks, within the framework of CAMP Slovenia, it was necessary to provide in a uniform manner all available and up-to-date information and spatial data, information on related projects in neighbouring municipalities and countries, a knowledge base and access to documentation on legislation, EU directives, data on completed spatial and other environmental projects, and other spatial information such as the local legislation, local spatial acts, etc.

Basic achieved objectives of the PRIS project are:

- established information infrastructure, which enables organizing, gathering, and setting up available spatial data bases on a regional level;
- guaranteed available spatial data bases for the implementation of projects and insight into project results, which are in the framework of the PRIS information system made available for local communities, expert public and other organizations;
- established system for rational obtaining and exchanging of spatial data and

setting-up of a relevant metadata system (information on available data) in compliance with European standards;
- increased transparency of operations of municipalities and other organizations in the field of spatial and environmental management, with the possibility to represent implementation course of spatial and other area related projects;
- informing the public about the spatial situation via modern technologies and internet.

Main final target groups of the PRIS project are primarily:
- Municipalities of the South Primorska statistical region
- The State, Ministry of the Environment and Spatial Planning,
- Population in the area of participating municipalities and wider
- Expert public, schools, media
- Investors, economy, craft trade.

The most important target group of the PRIS project are municipalities, who wish to have arranged records on the spatial situation in their area and in the region's area. The PRIS information portal will enable for municipalities to join spatial data on a regional level in one place.

Results of the PRIS project are also compatible with current priority tasks of the Regional Development Programme for the area of South Primorska, with current projects, which are being implemented (Phare CBC, Interreg IIIA, etc.), and objectives of CAMP projects in the Mediterranean.

The PRIS project, as a horizontal project, thus directly meets the essential objectives of CAMP Slovenia, because it:
- Operatively connects and creates a basis for the cooperation of municipalities and the country in the filed of Slovenian coast management and management of its river basin, in a long-term manner. It facilitates spatial planning, simplifies access to data and represents to the public results of the CAMP Slovenia programme through modern technologies and agreed rules for exchange of spatial data identified in the project.
- Increases the capability of local and regional authorities at development, mainly at planning, for due to united spatial data bases it significantly increases the efficiency of institutions, which are dealing with planning, environmental protection, tourism, protection of the sea and its catchment areas, safety at sea, transport, etc.

3. Results

Even though PRIS faced fundamental changes related to planed financing of project implementation, for only a tenth of planed resources was provided, the Regional Development Centre as the Lead partner managed to provide all important and set objectives. In the scope of the PRIS project the following tasks were finalized:

- An established unified server with data and publicly accessible internet server–

the PRIS portal (hardware in software) as an entry point for all key users of the system (http://camp.rrc-kp.si section “Maps”), which enables examination of data with the help of the established GIS system. The created platform is a basis for continued and constant updating of the PRIS with new data bases, new functional interfaces, new technological capabilities, and new user demands of the PRIS information system.

- Defined local and regional spatial indicators of sustainable development (in accordance with EU directives and current Slovenian legislation and regulations), which were established within the framework of the SPSA project– CAMP Slovenia.
- Defined minimal technical and substantive standards for obtaining and exchanging data, within the framework of PRIS, and created technical, legal, and substantive conditions for exchange of minimal basic data on a vertical and horizontal level of PRIS operation.
- Identified and established all basic data bases for functioning of PRIS, where necessary we concluded appropriate agreements with owners or operators of data bases on use and gathering this data for the purposes of PRIS operation.

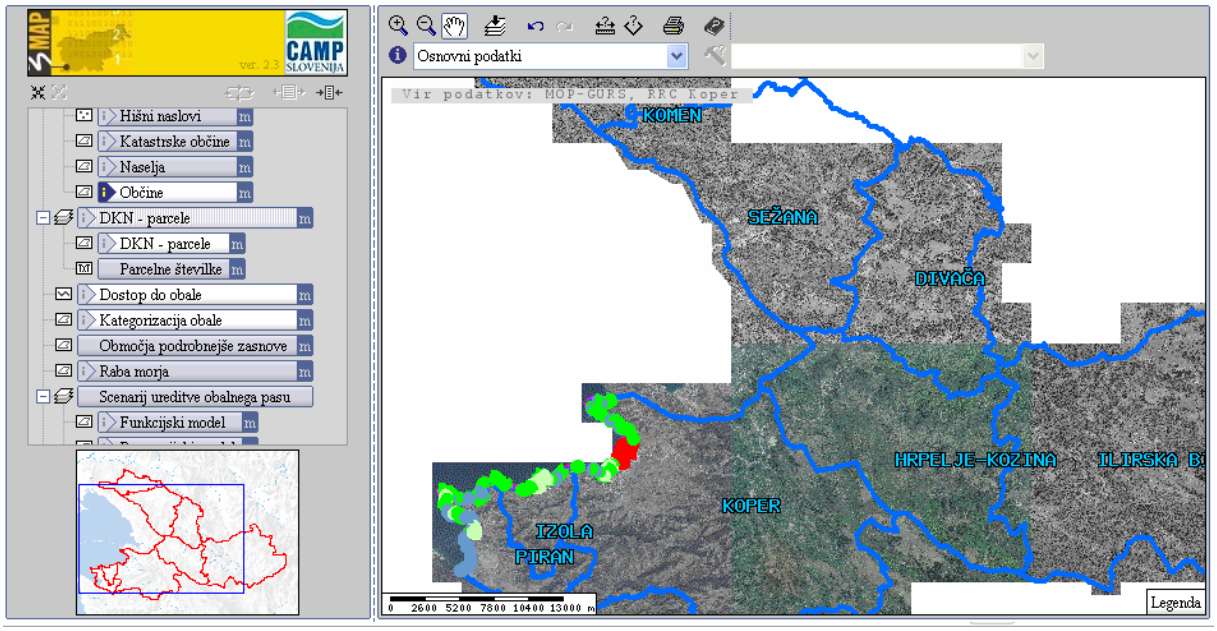


Figure 1: Available infrastructural spatial data, gathered on a regional level for the first time.

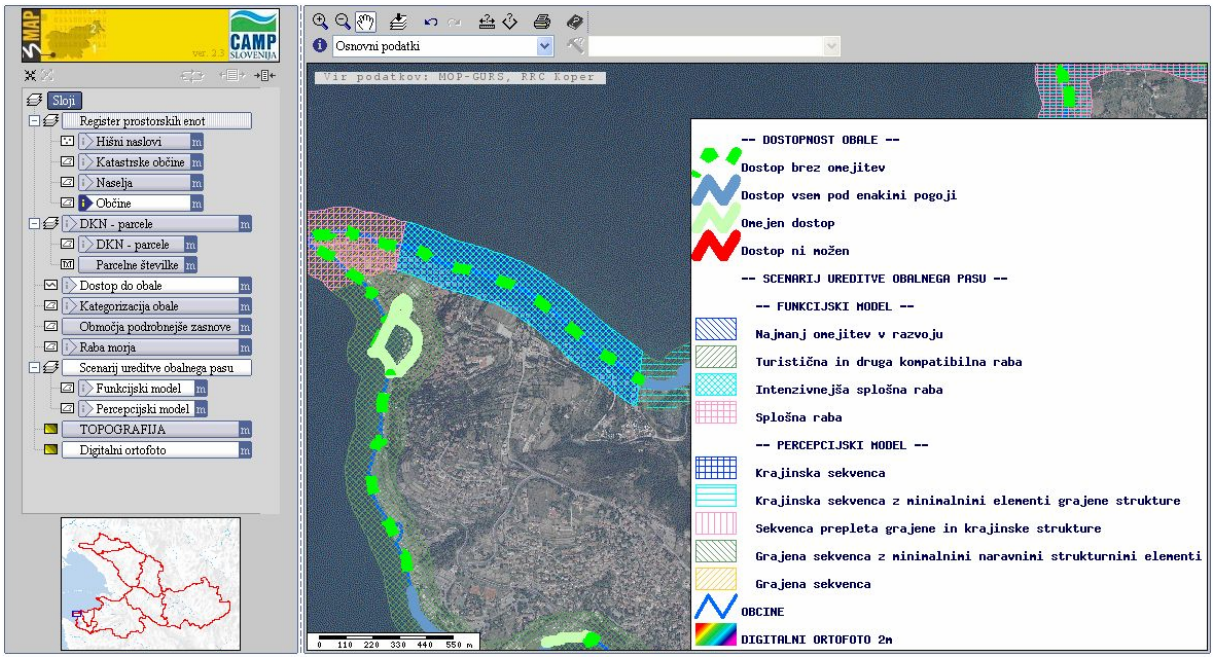
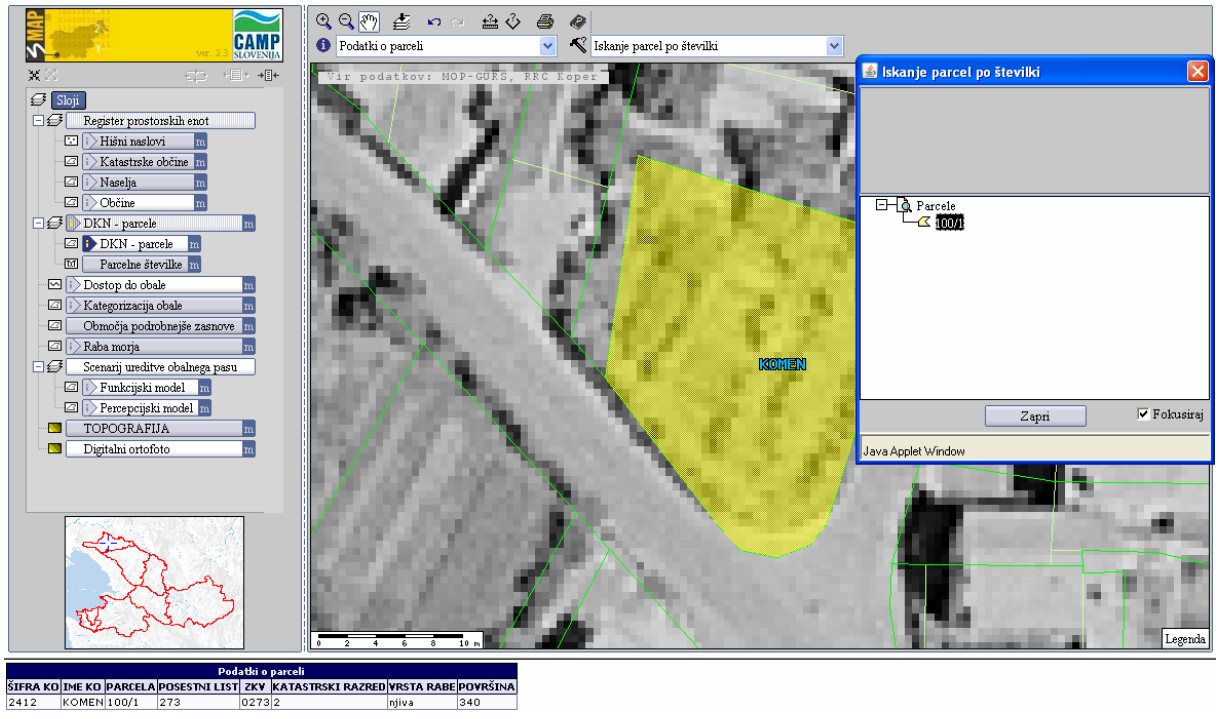


Figure 2: Gathered data of individual projects are available including with legends.



Podatki o parceli

ŠIFRA KO	IME KO	PARCELA	POSESTNI LIST	ZKV	KATASTRSKI RAZRED	VRSTA RABE	POVRŠINA
2412	KOMEN	100/1	273	0273	2	njiva	340

Figure 3: PRIS enables a search among different data bases in the whole region.

4. Project's future

During its establishment and implementation PRIS has displayed numerous possibilities for updating and grounds for numerous new projects, which refer to environmental and spatial planning in the region. Thus we succeeded to include concrete results of PRIS, experience at exchanging data and a developed information system into some projects as foundation for future work. More specifically, project results will be available for use, in a short-term period, in the following implemented projects:

- Implementing projects of municipalities and the South Primorska region, within the framework of the Regional Development Programme of South Primorska implementation for period 2007-2013.
- Preparation of new detailed municipal spatial plans in accordance with the new legislation in the field of spatial planning on a local level.
- Interreg IIIA SLO/IT –Mapsharing project, in the scope of which partners in Slovenia and Italy establish a common map of knowledge as basis for strategic assessment of environmental impact on an interregional level.
- Interreg IIIB CADSES – Poly.Dev project, which deals with the demand for increased knowledge and develops a common strategy towards principles of sustainable polycentric development and concrete experimental applications into spatial planning policies. Participating project partners, besides us, come from Slovakia, Greece, Bulgaria, and Italy.
- Interreg IIIB CADSES – River Shield project, which refers to the protection of rivers against pollution due to industrial accidents, which consists of partners from Greece, Hungary, Poland, and the Czech Republic.
- International project ADRI-NET EMAS, which addresses support and participation in the environmental and social management of territory in its enlargement. The project provides for organization of conferences and seminars, elaboration of applied models for managing sustainable development on a cross-border area and involvement of various actors, definition of "best practices" at implementing main activities in the environmental and spatial areas in connection with different included territories, educational programmes for staff and officials, and new working profiles.
- INTERREG IIIB NP CADSES PlanCoast project (2006–2008) with the aim to develop tools and capabilities for efficient integrated planning in coastal zones and maritime areas of Baltic, Adriatic, and Black Sea regions. 16 project partners, who represent spatial planning sectors or responsible regional authorities, come from Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Germany, Italy, Montenegro, Poland, Romania, Slovenia, and Ukraine.

The use of PRIS project results will therefore be seen in numerous future projects of municipalities and the region in areas where access and use of spatial data and of common information infrastructure is needed.