

PRIMORSKO-GORANSKA COUNTY



P U B L I C I N S T I T U T I O N

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Physical planning supported by the physical planning information system in Primorsko goranska county



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Content

1. Introduction
2. About spatial planning
3. The Institute for physical planning in Primorsko Goranska county
4. Development the Physical planning information system in PGC
5. The urban identification application
6. Conclusion



Physical planning

- *Interdisciplinary work*
- *Institutional and technical form for spatial sustainability management*
- *based on an assessment of development possibilities (keeping the identity of the area, identifying requirements for protection of the area and preserving the quality of the environment and nature)*
- *determining the purpose of the area*
 - *the requirements for the development activities and their distribution in the area,*
 - *the requirements for urban transformation and urban remediation of built-up areas*
 - *the requirements for the realization of planned projects*

The physical planning act (NN 2013)



The Institute for physical planning of Primorsko goranska county

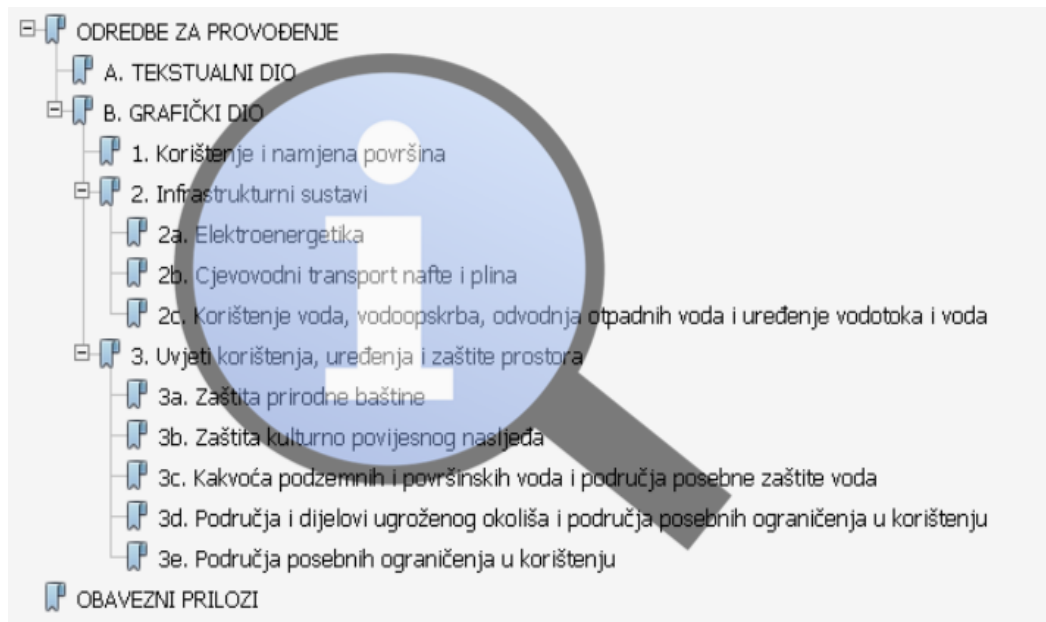


- **Physical planning** - development the Spatial Plan of Primorsko goranska county. SP is the basic and strategic regional spatial planning document
- **Strategic infrastructure** – start-up and coordination of sectoral studies. SS are the basis for strategic planning
- **Information system** – development and management the Physical Planning Information System in PGC

Which spatial data do we collect ?

*On 1st. October, 2014
in the Primorsko
goranska county there
were:*

- **601** adopted plans
- **167** plans in progress



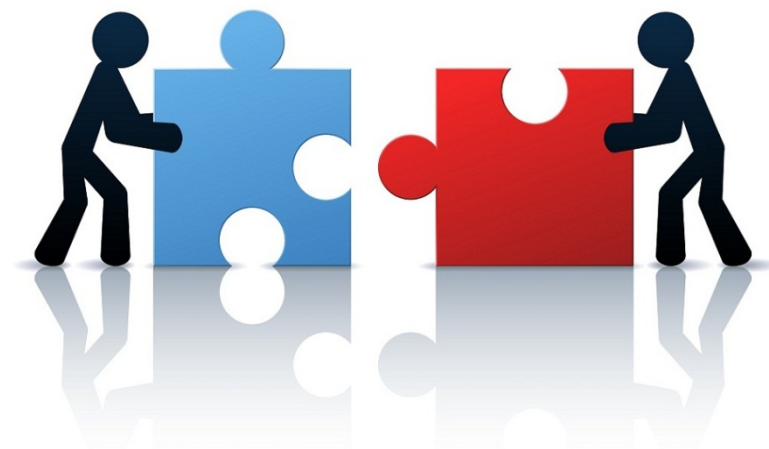
- ✓ **Systematization and records the data**
- ✓ **Design GIS databases and loading spatial data in GIS databases**
- ✓ **Establishment of the physical planning information system**

The Physical planning information system in Primorsko goranska county

*The project of integration the
building permits and the spatial
plans informations*

Implemetation strategy:

- ✓ *based on IT technology and
infrastructure installed in PGC and*
- ✓ *comunication and share spatial dana
based on ESRI Web GIS technology*



Goals – why did we started the project ?

main reason – improvement of efficiency



- *Building permits issuance*
- *Sped-up the proces of the legalization objects*
- *Better control in developing and drafting of spatial plans*
- *Acuairing information about the situation in area*
 - ✓ *statistics*
 - ✓ *reports on the situation in space*

The spatial plans register

Intranet stranica Javne ustanove Zavod za prostorno uređenje Primorsko-goranske županije

Jasna Juretić

ZAJEDNIČKO

PREGLED STRANICA



Dokumenti

Excel datoteke

Upute za unos podataka u registar prostornih planova

Popisi

Prostorni planovi

Novo u Registru

Mišljenja

Status obrade kartografskih prikaza

Sadržaj web-mjesta

Naziv plana	Odluka o donošenju Urbanističkog plana uređenja Duga(dio NA1-5), zajedno s površinom infrastrukturne namjene IS-3 (čvor Crikvenica zapad) - UPU 7
Naziv plana 1	UPU 7-Duga(dio NA1-5), zajedno s površinom infrastrukturne namjene IS-3 (čvor Crikvenica zapad)
Vrsta plana	6UPU
Grad/Općina	Crikvenica
Područje obuhvata	
Vrsta odluke	Odluka o donošenju
SN/NN	2011-49
SN/NN link	http://www.sn.pgz.hr/default.asp?Link=odluke&id=23733
GIS link 2	Cri_UPU_7
Kontrola GIS obuhvata	
Šifra za PDF	181
PDF link	5_UPU\Grad Crikvenica\UPU Duga -dio NA1-5 zajedno s površinom infrastrukturne namjene IS-čvor Crikvenica zapad SN 49_11
PDF link URL	Link
CAD link	5_UPU\Grad Crikvenica\UPU Duga(dio NA1 5),zajedno sa površinom infrastrukturne namjene IS(Čvor Crikvenica zapad) SN 49_11
CAD link URL	Link

acije GIS Predložci Biblioteka zavoda Arhivska gra

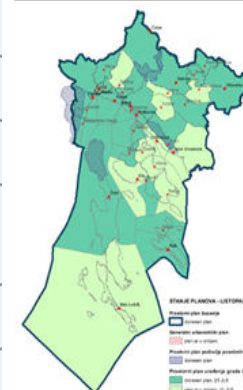
Pregled podataka

Broj planova:	
- izrada	166
- donošenje	567
- van snage	265
Ukupno:	998

Prikaz planova

Važeći prostorni plan županije
Važeći PP područja posebnih obilježja
Važeći planovi u JLS
Planovi u izradi
Planovi van snage

Stanje planova: u izradi / doneseni



Split, Croatia, 13 -15 October 2014



The Geoportal

*of the physical planning information system
in Primorsko goranska county*

PRIMORSKO-GORANSKA ŽUPANIJA
JAVNA USTANOVA
ZAVOD ZA PROSTORNO UREĐENJE

GEOPORTAL
Primorsko-goranske županije

Trenutna lokacija: Glavni izbornik > Naslovnica

- > Naslovnica
- > Korisnički detalji
- > Promjena lozinke
- > Odjava

Urbanistička identifikacija

Utvrdjivanje mogućnosti gradnje na odabranom području temeljem automatiziranog pronalaženja važećih prostornih planova, te prikaz obuhvata prostornih planova u fazi izrade i planova za koje je planirana obaveza izrade.

Web GIS Preglednik

Vizualizacija lokacija na kojima su zatraženi ili riješeni akti prostornog uređenja i gradnje i preklapanje s podacima iz važećih prostornih planova.

The urban identification application

Trenutna lokacija: Glavni izbornik > Urbanistička identifikacija

(1) POZICIONIRANJE / ODABIR KČ

Grad/općina	Katastar	Predmeti	PP
ČAVLE	Cernik-Čavle		
Status izmjere	SLUŽBENA		
Katastarska čestica	6348		

(2) PODRUČJE OBUHVATA URB. IDENT. (KČ)

KO	KČ BROJ	UKLONI	POZ.
No data to display			

(3) KARTOGRAFSKI PRIKAZ

Map showing urban identification results. Labels include: Podvnanj, Cernik-Čavle, 3902, 3907/1, 3909/1, 3952, 3953, 3954/1, 3955, 3956, 3960, 3961, 3962, 3965, 3966, 3984, 3985, 3986, 3987, 6345, 6346, 6347, 6348, 6349, 6350, 6351, 6352, 6353, 6354/1, 6355, 6356, 6360, 6361, 6362, 6365, 6366, 6398, 6399, 6344, 6342, 6340.

(4) REZULTATI URBANISTIČKE IDENTIFIKACIJE

Pokreni UI

The urban identification application

Trenutna lokacija: Glavni izbornik > Urbanistička identifikacija

(1) POZICIONIRANJE / ODABIR KČ

Grad/općina: ČAVLE

Katastarska općina: Cernik-Čavle

Status izmjere: SLUŽBENA

Katastarska čestica: 6348

(3) KARTOGRAFSKI PRIKAZ

Sadržaj

- RASTER_SUPU
- RASTER_3PPUOG
- Prostorni podaci
 - Granice JLS
 - Katastarski podaci
 - DOF 1:5000 (2011)
 - DOF 1:5000 (2008)
 - HOK 1:5.000
 - TK 1:25.000
- Prostorni planovi

(2) PODRUČJE OBUHVATA URB. IDENT. (KČ)

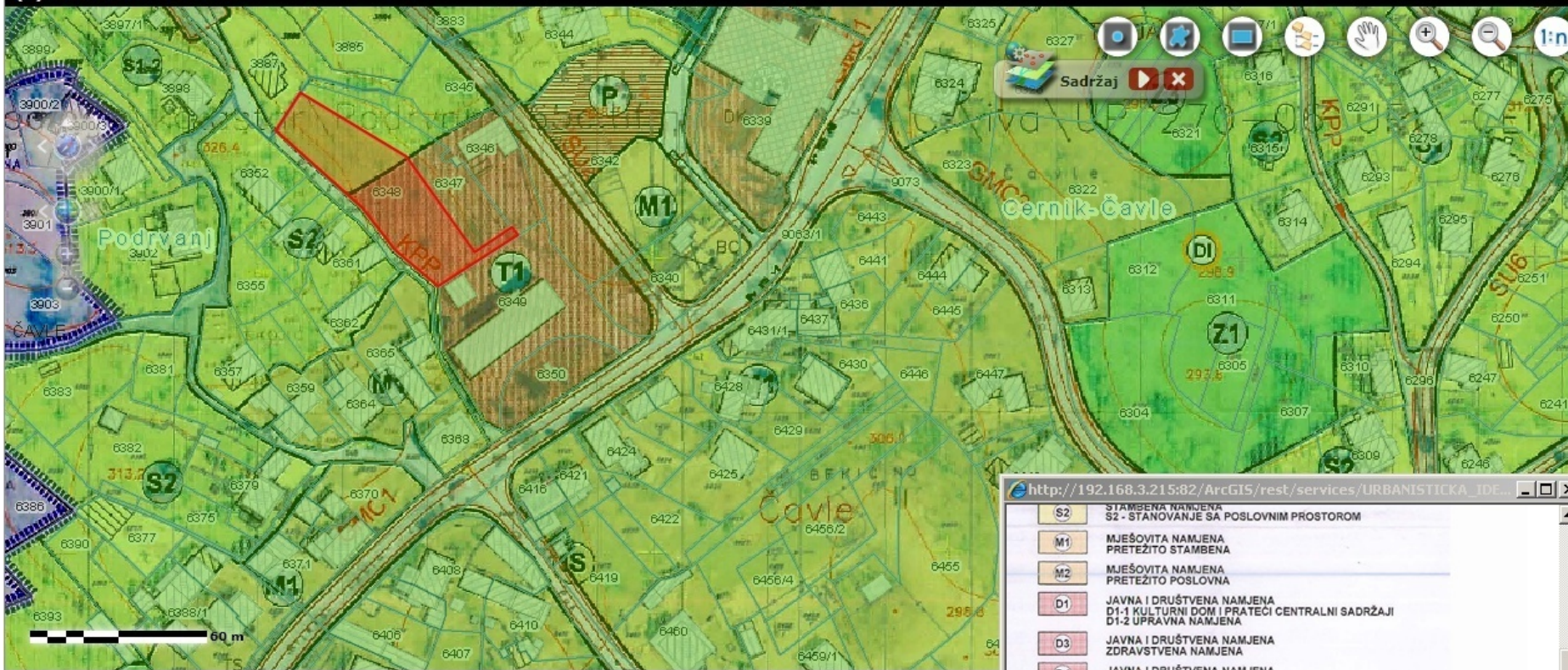
KO	KČ BROJ	UKLONI	POZ.
Cernik-Čavle	6348		

(4) REZULTATI URBANISTIČKE IDENTIFIKACIJE

STATUS	VRSTA	GIS ŠIFRA	NAZIV	SN	KART. PRIKAZ	OBU.
VAŽEĆI	UPU	Čav_UPU_1	Odluka o Urbanističkom planu uređenja centar Čavle - odluka o ispravku odluke	2008-18	SAMO TEKST	
VAŽEĆI	UPU	Čav_UPU_1	Odluka o Urbanističkom planu uređenja centar Čavle	2008-03		
VAŽEĆI	PPUOG	PPU03	Odluka o donošenju III. Izmjena i dopuna Prostornog plana uređenja Općine Čavle	2013-02	KARTE NISU GEOREFERENC.	
VAŽEĆI	PPUOG	PPU03	Ispravak Odrredbi za provođenje, tekstualni dio (Knjiga 1.) Odluke o II Izmjenama i dopunama Prostornog plana uređenja Općine Čavle	2011-15	SAMO TEKST	
VAŽEĆI	PPUOG	PPU03	Odluka o II. izmjenama i dopunama Odluke o Prostornom planu uređenja Općine Čavle	2009-49		
VAN SNAGE	PPUOG	PPU03	Prostorni plan uređenja Općine Čavle - I izmjena i dopuna	2005-09	KARTE NISU GEOREFERENC.	
VAN SNAGE	PPUOG	PPU03	Prostorni plan uređenja Općine Čavle	2001-22	KARTE NISU GEOREFERENC.	

The urban identification application

(3) KARTOGRAFSKI PRIKAZ



(4) REZULTATI URBANISTIČKE IDENTIFIKACIJE

STATUS	VRSTA	GIS ŠIFRA	NAZIV
VAŽEĆI	UPU	Čav_UPU_1	Odluka o Urbanističkom planu uređenja centar Čavle - odluka o ispravku odluke
VAŽEĆI	UPU	Čav_UPU_1	Odluka o Urbanističkom planu uređenja centar Čavle

KARTA_NAZIV	PREGLED KARTE	LEGENDA/SASTAVNICA	ODABIR ZA ISPIS	MJERILO
105_karta1_i.tif			<input type="checkbox"/>	Default <input type="text"/>
105_karta2a_i.tif			<input type="checkbox"/>	Default <input type="text"/>

http://192.168.3.215:82/ArcGIS/rest/services/URBANISTICKA_IDE...

- STAMBENA NAMJENA
S2 - STANOVANJE SA POSLOVNIM PROSTOROM
- MJEŠOVITA NAMJENA
PRETEŽITO STAMBENA
- MJEŠOVITA NAMJENA
PRETEŽITO POSLOVNA
- JAVNA I DRUŠTVENA NAMJENA
D1-1 KULTURNI DOM I PRATEĆI CENTRALNI SADRŽAJ
D1-2 UPRAVNA NAMJENA
- JAVNA I DRUŠTVENA NAMJENA
ZDRAVSTVENA NAMJENA
- JAVNA I DRUŠTVENA NAMJENA
PREDŠKOLSKA NAMJENA
- JAVNA I DRUŠTVENA NAMJENA
ŠKOLSKA NAMJENA
- GOSPODARSKA NAMJENA - POSLOVNA
PRETEŽITO USLUŽNA
- UGOSTITELJSKO TURISTIČKA NAMJENA
HOTEL
- ŠPORTSKO REKREACIJSKA NAMJENA
REKREACIJA
- JAVNE ZELENE POVRŠINE
JAVNI PARK
- JAVNE ZELENE POVRŠINE
ODMORIŠTE, VRT
- ZAŠTITNE ZELENE POVRŠINE
- POVRŠINE INFRASTRUKTURNIH SUSTAVA

GIS Web browser

The screenshot shows a GIS web browser interface. At the top, there is a toolbar with various icons for map navigation and actions. The main area displays an aerial map with blue lines representing property boundaries and green circular markers labeled 'GR' (planning permits) and 'LD' (land use designations). A blue dot on the map indicates the location of a selected permit.

A pop-up window titled "Akt" is open, showing the following details:

- Opis akta:** RJEŠENJE ZA GRAĐENJE

Below this, a window titled "Odabir" (Selection) is open, displaying a list of permits and their details:

▼ Akti

- PRANIČ IGOR-K.O.KUKL

Vrsta Akta: RJEŠENJE ZA GRAĐENJE

Naziv: PRANIČ IGOR-K.O.KUKULJANOVO K 3263/2 POSTAJA ZA OPSKRBU VOZIL GORIVOM

Vrsta Objekta: ceste i prateće građevine (benzinske i autobusni kolodvori)

Tip Rješenja: Usvojen zahtjev

Datum Rješenja: 30.9.2013. 0:00:00

Opis Akta: RJEŠENJE ZA GRAĐENJE

Results of the project

The information system is used in the daily work

- ✓ *The urban identification - in the Department for physical planning, construction and protecting of environment for building permit issuance and the legalization of buildings*
- ✓ *The GIS Web browser - for obtaining statistics information - how much work is done, who finished the work in time, where is the bottleneck in the process, etc..*



During the period of four years were processed:

- ✓ **313** spatial plans with **3057** cartographic maps
- ✓ More than **1000** cadastral map sheet and other land surveying maps ,
- ✓ **197** (176) cadastral municipalities and more than one million (**1.194.162**) cadastral parcels
- ✓ **987** decisions on spatial plan development or adopted
- ✓ **1072** coverage areas of plans (adopted, in progress or planned)

Why GDi Gisdata ?

- ✓ *GDI Gisdata d.o.o. is **lider** in the area of GIS technology in Croatia*
- ✓ *We have long-term **cooperation***
- ✓ *High **complexity** of the project – the project integrating spatial data generated in three different organizations, the Institute for physical planning, Department for physical planning, construction and protection of the environment and the State Geodetic Administration*



Conclusion

- ✓ *All the planned goals of the project **are accomplished***
- ✓ ***Excellent** cooperation with GDi Gisdata d.o.o.*
- ✓ *The project was precisely **managed** - spatial data were processed for whole county in four years - on the time - on the budget*
- ✓ *The information system that has been established in the county **is unique** in Croatia*



PRIMORSKO-GORANSKA ŽUPANIJA



J A V N A U S T A N O V A

ZAVOD ZA PROSTORNO UREĐENJE

Thank you for your attention 😊

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