



# State Geodetic Administration in Republic of Croatia land administration present & future and projects overview

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# THE REPUBLIC OF CROATIA

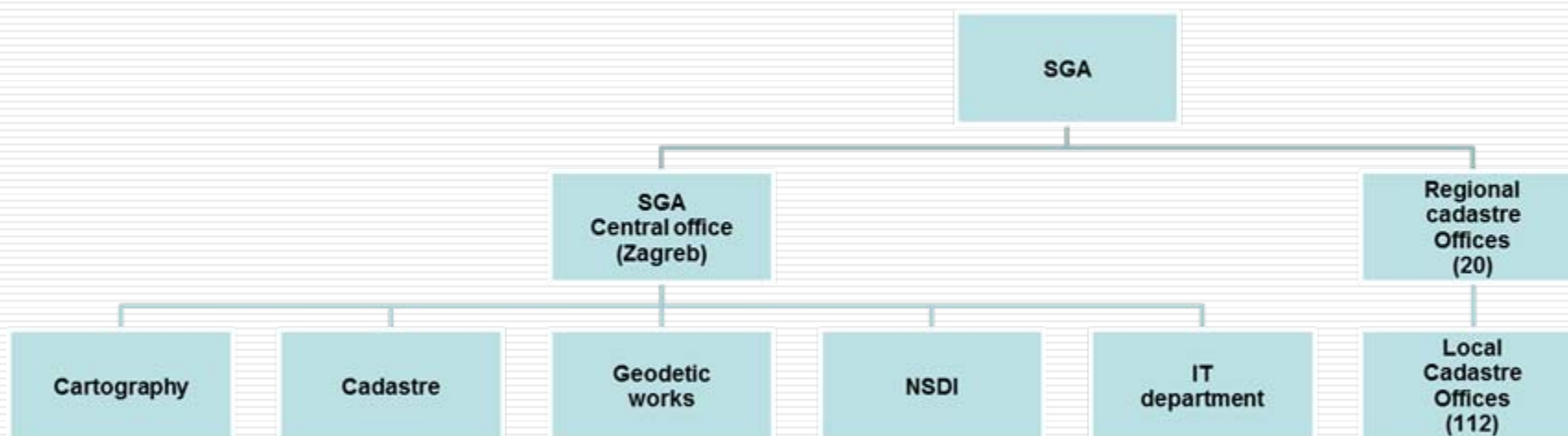
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- Covers area of **56 542** square kilometers
- **4,48** million inhabitants
- **20** counties (regions) and The Town of Zagreb- the capital of Croatia
- Counties are divided in local units - towns and municipalities
- **124** towns and **426** municipalities



# State Geodetic Administration – SGA

1100 employees



# LAND REGISTRATION SYSTEM

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- Is based on two registers
  - The Real Estate Cadastre
  - The Land Book

# In THE REAL ESTATE CADASTRE

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- Data on location, shape, area, type of use and buildings are registered for each cadastral parcel
- Location and shape of cadastral parcels and buildings are presented on cadastral maps
- Cadastral data are written in possession registration sheets in two parts:
  - Part A with data on cadastral parcels
  - Part B with data on owners
- Data on owners in possession registration sheet are the Land Book data
- The Real Estate Cadastre is kept and maintained in cadastral offices (government authority)

# In THE LAND BOOK

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- The Land Book is the register in which data about owners and holders of other real property rights are attached to the cadastral parcels defined by the Real Estate Cadastre
- When it is about transfer of real property rights one legally becomes an owner by registration in the Land Book
- Data in the Land Book are written in land sheets which have three parts:
  - Part A with data on cadastral parcels
  - Part B with data on owners
  - Part C with data on restrictions (encumbrances) (e.g. mortgages)
- The data on cadastral parcels are cadastral data
- Land books are kept and maintained in municipal courts (juridical authority)

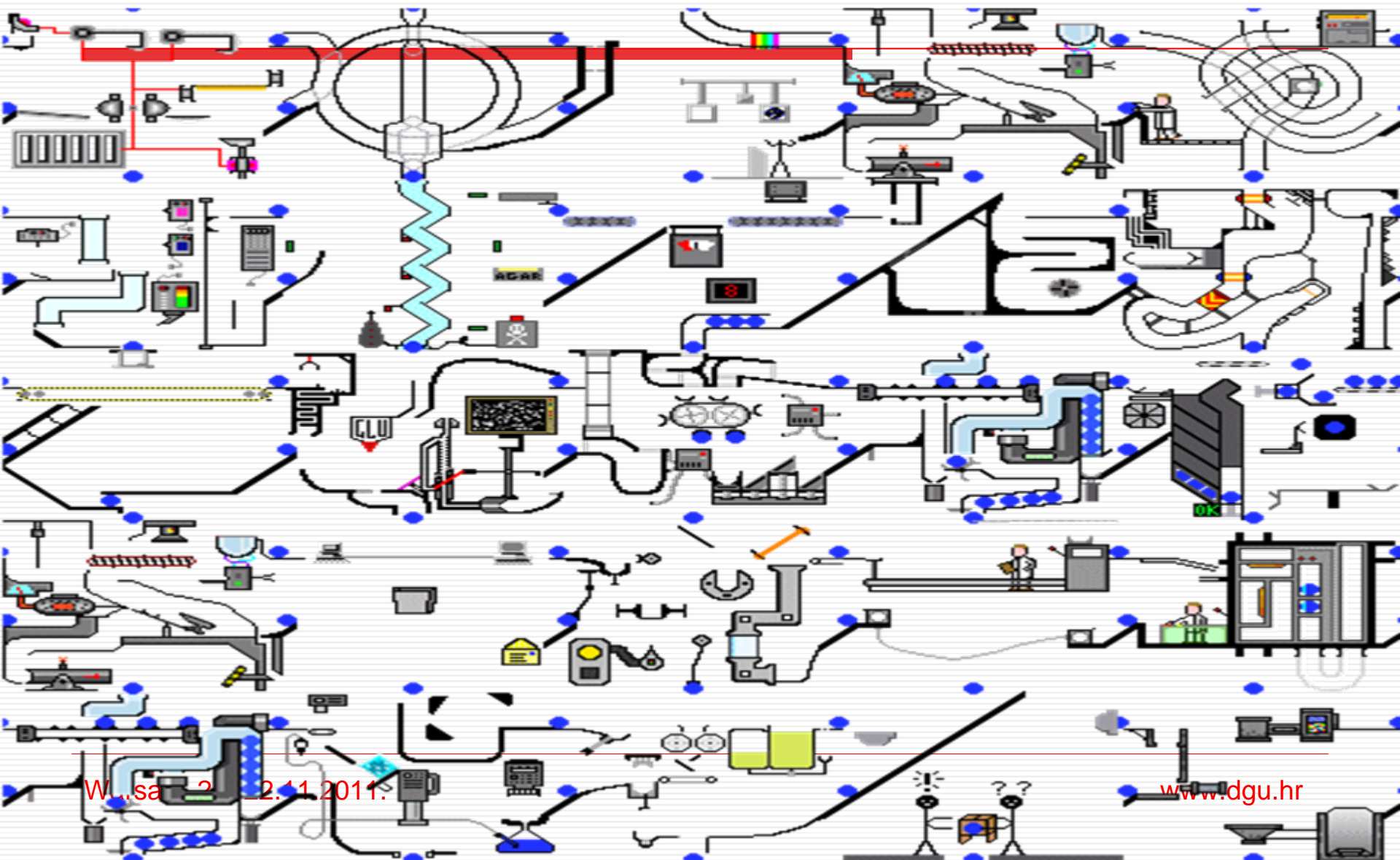
# CADASTRAL AND LAND BOOK DATA

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- Cadastral and land book data are organized in cadastral territorial units (cadastral municipalities)
- 3330 cadastral municipalities
- 14,48 million cadastral parcels
- 2,89 million real estates (one real estate can consist of several cadastral parcels)
- 2,9 million owners

# LAND ADMINISTRATION REFORM



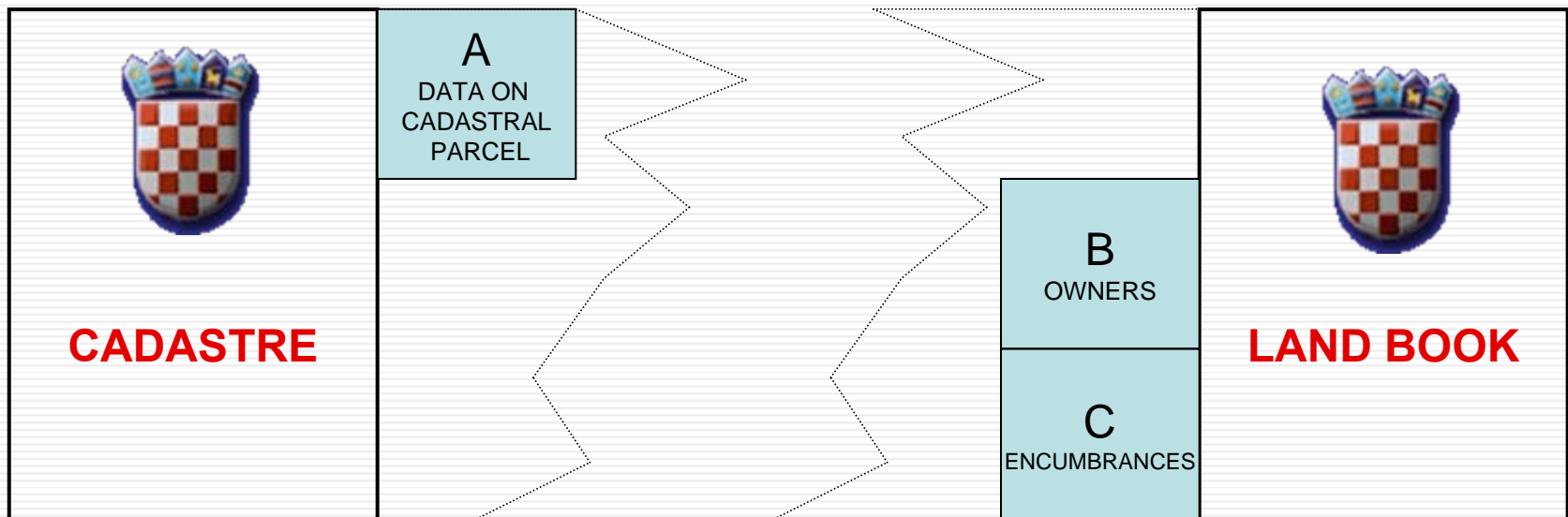
# LAND ADMINISTRATION REFORM

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- Transformation of all written and graphical data in digital form – is finished
- Establishment of digital archives – is finished
- Solving the backlogs - near to be finished
- Establishment of public information access to all cadastral and land book data
  - is finished for all written data and is free of charge ([www.katastar.hr](http://www.katastar.hr), [www.pravosudje.hr](http://www.pravosudje.hr)),
  - near to be finished for cadastral map
- Systematic renewal of cadastre and land books based on new cadastral resurvey of cadastral municipalities – in progress
- Homogenization of cadastral maps – in preparation
- Establishment of interoperability connections among JIS and other key registers (e-government) – in preparation
- Establishment of Joint information system – in progress

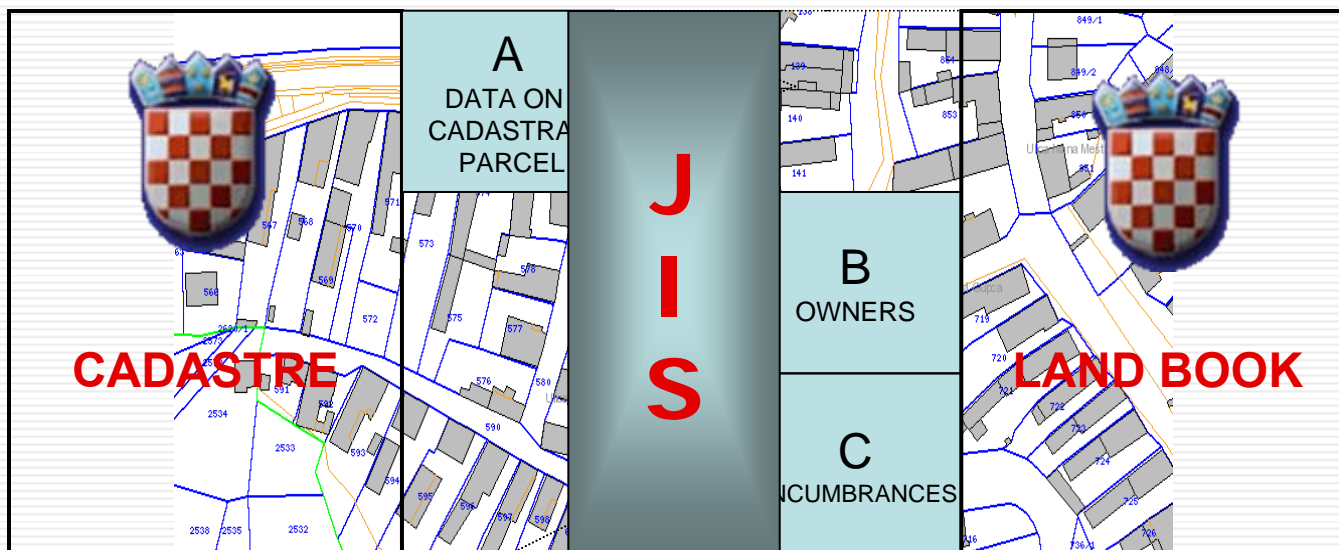
# JOINT INFORMATION SYSTEM

Establishment of Joint information system – in progress



# JOINT INFORMATION SYSTEM

Establishment of Joint information system – in progress



# Bilateral Cooperation and Donations

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- In last years SGA had very successful bilateral cooperation with several countries

# Bilateral Cooperation and Donations

Donor/ Source	Project Title	Main Results
Kingdom of Netherlands	Cadastral Pilot Project Babina Greda	<p>1999-2003</p> <ul style="list-style-type: none"> <li>-to introduce new technologies in cadastral surveys (wide application of digital ortophoto maps),</li> <li>-the closest possible contact of the contractor with the population involved in the measuring, and the analysis of work procedure, cost, technology and the time necessary for the survey.</li> <li>-During the Pilot Project implementation, the Cadastral and Court Committee, in accordance with the legal regulations in force, conducted and applied legal provisions in the procedure of establishing a new land registry, so that the actual <b>establishment of new land registry</b> is performed on the basis and in accordance with the procedure conducted in that Pilot Project.</li> </ul>

# Bilateral Cooperation and Donations

FR Germany	Project of Technical Cooperation between the Federal Republic of Germany and the Republic of Croatia for Improvement of the Cadastral System in the Republic of Croatia	2000-2003 -development of a new cadastral data model, application of new methods in cadastral survey, -data exchange among the Cadastre, Land Registry and local self-government units, -potential of establishing a communal information system based on such data.
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# Bilateral Cooperation and Donations

United Kingdom	Preparation Phase of World Bank project on Property Rights and Registration in the Republic of Croatia	05/2001-05/2002 -many workshops and work meetings, presentations of research and study results were organized, as well as study tours - 40 documents were prepared containing almost 1.200 pages needed for the main Project implementation
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# Bilateral Cooperation and Donations

Kingdom of Norway	Project for Improving Capacity of Establishing Cadastral and Topographic Databases in Croatia – CRONO GIP I	17.12.2001-2010 - establish capacities within the SGA (Scanning Centre) in order to construct a cadastral data base by scanning the existing archaic paper-based maps and develop and demonstrate practical solutions for using databases in regional/local cadastral offices; -established capacities within the SGA with the goal of constructing and maintaining a digital topographic data base (topographic maps) and demonstrate that the SGA can provide the users from the private and public sector with digital and topographic maps and plans; - establishing quality control system for TM 1:25.000 and DOF 1:5.000 on chosen amount of samples plus to work out a model of internal control of external producers of those products.
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# Bilateral Cooperation and Donations

Kingdom of Sweden	Project for Capacity Building for the Implementation of National and International Projects within the frames of the State Survey and Real Estate Cadastre Program for the period 2001 - 2005 and the Real Property Registration and Cadastre Project (SB) – Phase I,II and III	2003-2008 -organization of advanced preparation trainings for the PIU, Project Support Units within MoJ and SGA, as well as for MoJ and SGA official -organised seminars, workshops and study tours for: I phase -72 employees II phase - 463 employees III phase - ongoing
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# Bilateral Cooperation and Donations

<p>Kingdom of Netherlands</p>	<p>Capacity Building at MOJ and SGA necessary for Systematic Development of Property and Cadastre Registers</p>	<p>2003-2004</p> <ul style="list-style-type: none"><li>-Proposal of Measures for Capacity Strengthening at the Department and in education and training program for the new Department's employees</li><li>-Participants of the Project, Ministries' representatives, Municipal Courts' Presidents and land registration judges analyzed, with the support from Kadaster and SGA, the status of the land registration</li></ul>
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# Bilateral Cooperation and Donations

Kingdom of Norway	Project for Improving Capacity of Establishing Cadastral and Topographic Databases in Croatia- CRONO GIP II	5.12.2002 <ul style="list-style-type: none"><li>- further development of procedures of vectorization and production line</li><li>- development of application for vectorization of Croatian basic map in the scale 1:5.000</li><li>- further capacity-building of the CGI in establishing quality control system</li><li>- development of GIS environment for the Public Institution of the National Park Kornati, based on the cadastral survey data and land registry renewal for the Cadastral Municipality Kornati, the area under multiple protection regimes (National park, maritime domain, Islands Act) and development of procedures for such areas.</li></ul>
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# Bilateral Cooperation and Donations

FR Germany	Project of Technical Cooperation between the Federal Republic of Germany and the Republic of Croatia for Improvement of the Cadastral System in the Republic of Croatia – extension	2003-2005 <ul style="list-style-type: none"><li>- Pilot Project Labin; land registry renewal and data integration into the GIS of the City of Labin; intended experience distribution to other local self-government units,</li><li>- testing new survey techniques and procedures on a polygon in the river Neretva valley,</li><li>- further activities in defining data model for the real property cadastre and</li><li>- conducting a study on GPS application at national level in Croatia.</li></ul>
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# Bilateral Cooperation and Donations

<p>Kingdom of Norway</p>	<p>Pilot Project for Maritime Domain Registration in the County of Zadar</p>	<p>2004-2006</p> <ul style="list-style-type: none"><li>• Improvements are introduced into the pilot area aiming at expediting the establishment of maritime domain and ensuring continued maintenance and regular dealing with concessions.</li><li>• procedures and technical instructions for the establishment of maritime domain lots are tested, assessed and improved for the further regular use.</li><li>• maritime domain areas (lots) are established for the pilot areas and entered into the Cadastre and Land Registry, and prepared for entering into the County Register of Concessions.</li><li>• the Pilot Project is well documented and will be beneficial as the basis for planning further projects on the Croatian coast.</li></ul>
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# Bilateral Cooperation and Donations

Kingdom of Norway	CRONO GIP III	2006-2008 -preparation of products specifications and quality assurance mechanisms for cadastral resurveys -Geographical Names Information System
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# Bilateral Cooperation and Donations

Kingdom of Norway	CRONO GIP IV	2006-2007 -efficient storage and access to geographic names and accompanying data in digital form -optimal methods for efficient transformation of maps scaled 1:5000 from analogue to digital -efficient delivery of digital maps to customers -development of internet access to topographic maps in scale 1:25 000
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# Bilateral Cooperation and Donations

Kingdom of Norway	LPIS support project	<p>2007/2008</p> <ul style="list-style-type: none"><li>-final product specifications implemented and production and quality control processes for relevant products in place</li><li>-improved functionality for scanning and georeferencing cadastral maps implemented</li><li>-database of cadastral maps operational on 24/7 basis efficiently servicing the LPIS</li><li>-improved data centre at SGA –phase 2 upgrading</li><li>-SGA management strengthened to efficiently deal with data preparation, data production, and data dissemination relevant to LPIS</li><li>-CGI strengthened to efficiently undertake it's obligations in respect to undertake quality control of data for the LPIS</li><li>-A regional seminar on preparation of cadastral data and harmonization with land registry data shall be executed</li></ul>
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# Bilateral Cooperation and Donations

Kingdom of Netherlands	Business plan project	2007/2008  - Development of business plan of the State Geodetic Administration and Ministry of Justice regarding Joint Information System
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# Bilateral Cooperation and Donations

Kingdom of Netherlands	Key registers project	2010/2011 - Introducing Key registers concept to most important stakeholders in Croatian state administration and developing concept on implementation of this concept in Croatia based on and around development of Joint Information System of Land Registry and Cadastre in Croatia
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# Bilateral Cooperation and Donations

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- In last years SGA have succesful (15) bilateral cooperation (projects)

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Thank you for your attention!

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