



	KTH	AATOAOFIO A.E.	Facts about Greece*
	•	Population:	11.000.000
者	•	Area:	132.000 km <sup>2</sup>
1	•	80% of Greed the country o	ce consists of mountains or hills, making ne of the most mountainous in Europe.
	•	Greece has o	ver 1.400 islands.
	•	Greece has th with 14,880 k	e tenth longest coastline in the world m
a to	*	Source: wikipedia (	www.wikipedia.org)

	Background
	System of Registrations and Mortgages
	<ul> <li>Since the early 19th century Greece operates under the French originated system of Registrations and Mortgages, as a public register of real property owners and the deeds that they have been involved in.</li> </ul>
LTC.	<ul> <li>This register:</li> <li>– ensures only the publicity of transactions and not legal security</li> </ul>
	<ul> <li>is not complete (e.g. the rights of the State are not registered),</li> <li>does not allow the identification of the existing owners</li> </ul>
- <u>F</u>	<ul> <li>does not allow the identification of the location of a real property.</li> </ul>
0000	
<del>\$</del>	FIG 2010, Sydney, Australia D. Rokos, Greece













	Major Project outline
	<ul> <li>A data and IT infrastructure for developing a modern Cadastre in Greece:</li> </ul>
	<ul> <li>The Hellenic Positioning System (HEPOS)</li> </ul>
67	<ul> <li>Forest delineation</li> </ul>
切	<ul> <li>National coverage of orthoimagery</li> </ul>
응둲	<ul> <li>Coastal zone delineation</li> </ul>
	<ul> <li>Digitization of land consolidation and land redistribution acts</li> </ul>
2	<ul> <li>IT infrastructure and web services for cadastral</li> </ul>
o P	surveys
200	<ul> <li>Digitization of the Dodecanese Cadastre</li> </ul>
÷	FIG 2010, Sydney, Australia D. Rokos, Greece















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FIG Congress 2010 Facing the Challenges – Building the Capacity Sydney, Australia, 11-16 April 2010

























FIG Congress 2010 Facing the Challenges – Building the Capacity Sydney, Australia, 11-16 April 2010



## Digitization of land consolidation and land redistribution acts

- Land consolidation and land redistribution acts are the basis for developing cadastre in agricultural areas.
- The official archives are dispersed in prefectural level in paper form kept by the local competent agencies.
- Ktimatologio S.A. with the co-operation of AGROGI S.A. carried out a project that involved the collection of all the acts from the local agencies, scanning of the maps and tables, georeferencing the maps and producing a digital geo-database with all the information of these acts.
  - As a result, the valuable archive of all these administrative acts has been preserved and for the first time useful information on a national scale can be extracted on the characteristics of ownership in agricultural land in Greece.



















	Digitization of the Dodecanese Cadastre
	<ul> <li>Since 1929, a cadastral system implemented by the Italians was set up for the islands of Rhodes, Kos and part of the island of Leros. Since then the system is operating in paper form.</li> </ul>
AD BRIEN BY EL	<ul> <li>The project involved the scanning of the existing archive of these cadastral offices, georeference and vectorizing of the cadastral maps, legal checking of each registration in order to decide on the "active" owners of each property and finally the development of a GIS database compatible with the data model used for the Greek Cadastre.</li> </ul>
, U . 14	<ul> <li>Scanning of about 6,2 million pages</li> </ul>
0000	<ul> <li>Development of a digital database consisting with about 800.000 "active" rights</li> </ul>
	FIG 2010, Sydney, Australia D. Rokos, Greece





	Conclusions - 1
<ul> <li>All actions i were organ first three c was made t their impler the projects designed or</li> </ul>	ncluded in the Ktimatologio's CSFIII large project ised on the basis of experience acquired from the adastral survey programmes. In particular, an effort o avoid the barriers and risks encountered during mentation which led to delays in the completion of s and increased costs. The Major Project were ad compression in each or una set of
– <u>Achieve</u> – <u>Ensure</u>	the maximum possible economies of scale optimum contract management
Ensure t the-art t Ensure o This new m effective an required to FIG 2010. Systey, Australia	maximum cost savings due to the use of state-of- technology optimum use of existing data in cadastral surveys anagement approach translates into more cost id more efficient implementation of the work develop the Greek Cadastre.

	Conclusions - 2
	<ul> <li>Moreover, the deliverables of the Large Project offered unique opportunities and advantages to Greek society above and beyond the development of the Greek Cadastre. These opportunities and advantages include:         <ul> <li>Many of the databases produced in the context of the Large Project are powerful tools, readily available in the hands of the Greek authorities to effectively protect</li> </ul> </li> </ul>
20 명학 00 23 대학 13	environmentally vulnerable areas which are under pressure. – Improving the position of individual beneficiaries in order to clarify any restrictions or claims which exist in relation to real properties before the continuation of the Cadastre.
10 ° 14	<ul> <li>Giving Greek businesses the opportunity to invest in state-of-the-art data collection and processing technologies.</li> </ul>
000 × 0	<ul> <li>Finally, with the deliverables of these projects, Greece takes a significant step towards implementing the aims of the INSPIRE directive</li> </ul>