

 Catalonia Spatial Data Infrastructure

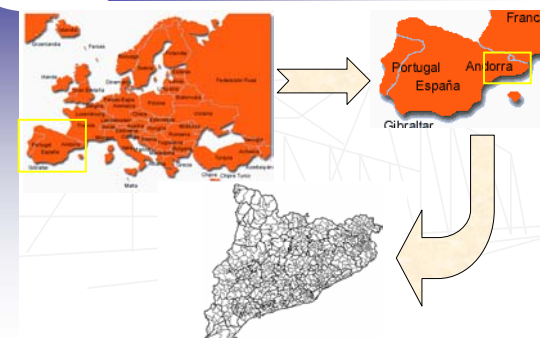
IDEC (SDI) philosophy to modify strategies and plans: Analysis of concrete cases in Catalonia

- Jordi Guimet


GSDIB – April 2005 – El Cairo


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Where Catalonia is?




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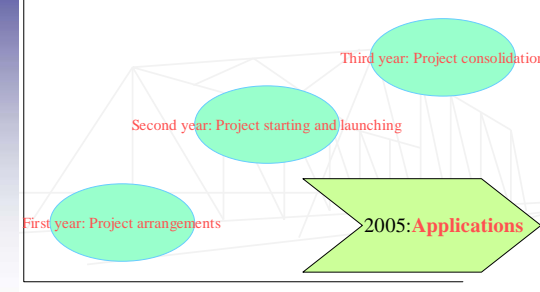
IDEC INTRODUCTION

- 1.- IDEC Introduction
- 2.- Influence of SDI concepts
- 3.- Case 1: Hipermap
- 4.- Case 2: SDI of Local SDI's
- 5.- Case 3: Thematic SDI Urban Land Planning
- 6.- Summarize

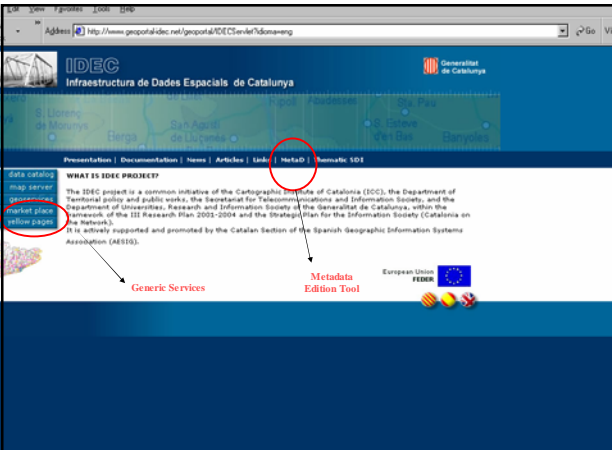
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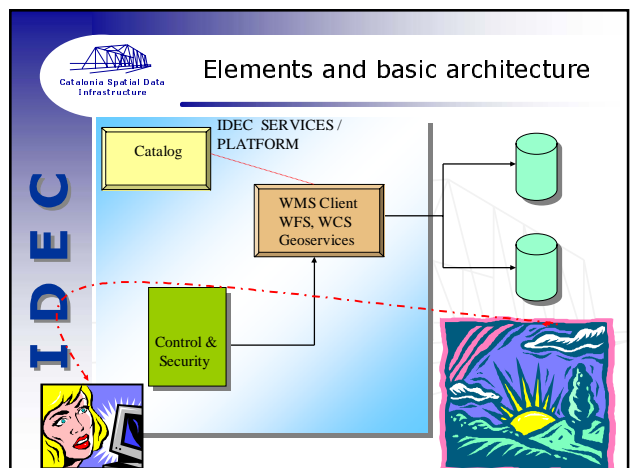
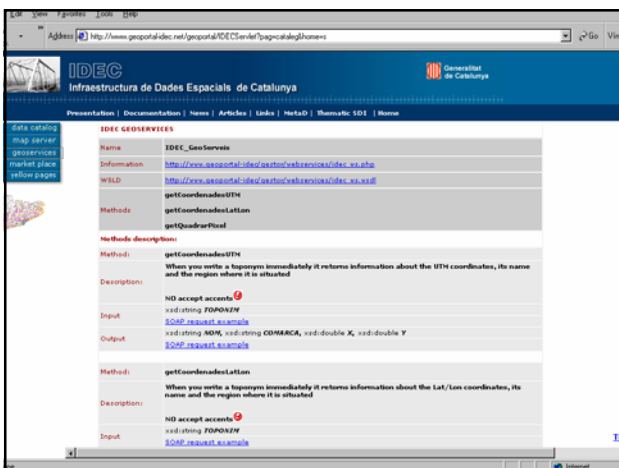
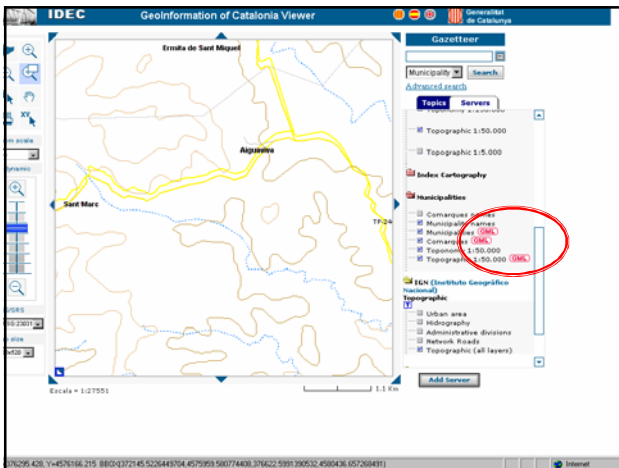
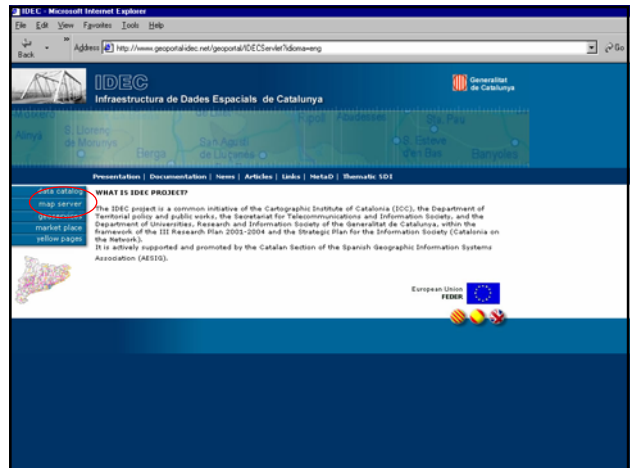
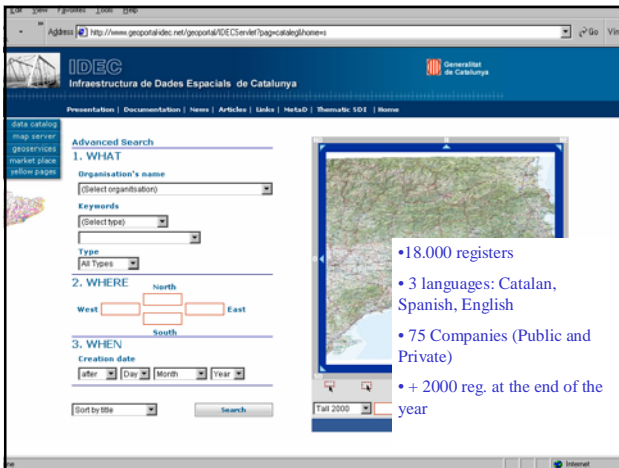

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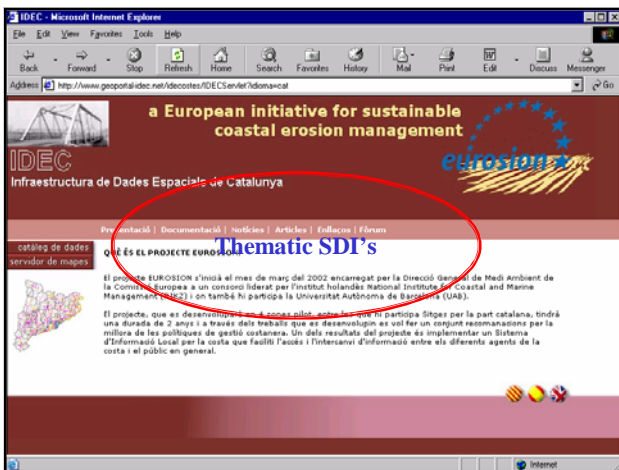
IDEC PROJECT 2002 - 2004



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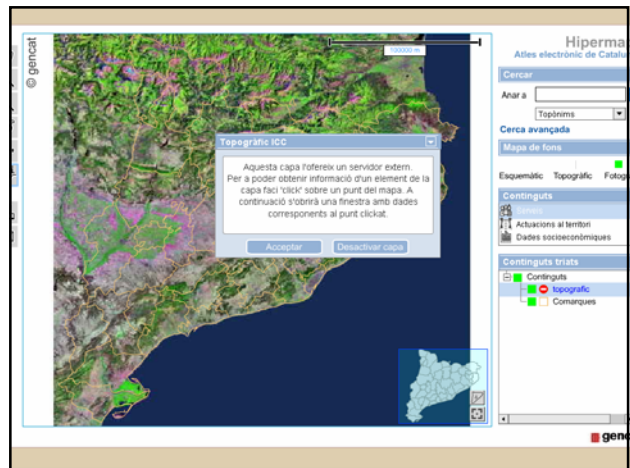
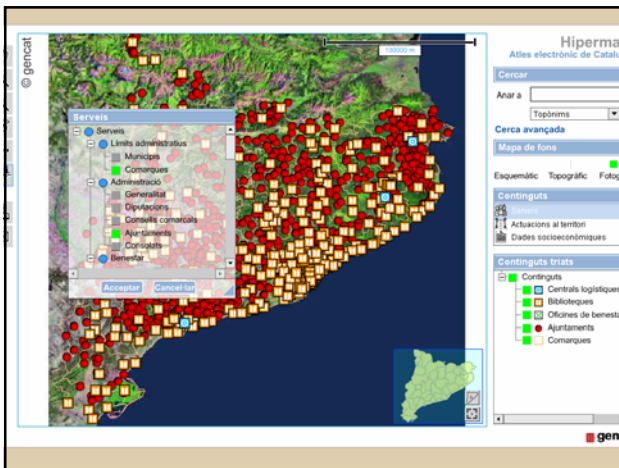
Case 1.- Hipermap

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Corporate GIS Project
 Led by the Dept. of Territorial Policy and Public Works
 Goals: To make land information available to companies and citizens.
 How: ~~WMS with referenced geo-information + POI's, government activities, statistics, etc.~~
~~Gathering data from other departments in a centralized proxy~~

NOW: Through OGC connectors to reference geodata in Map Agency and other Departments.
 Advantages: to avoid data duplication, to get more and more information, data sharing and, the best of all, a **lower cost**



Case 2.- Local SDI's

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IDEC Local Project
 It was initiated by e-gov organization
 It is managed by IDEC. Funds for the participating municipalities.
 PREVIOUS CONCEPT: a generic idea about local government updating planning, promoting the use of GIS and digital land information

Case 2.- Local SDI's

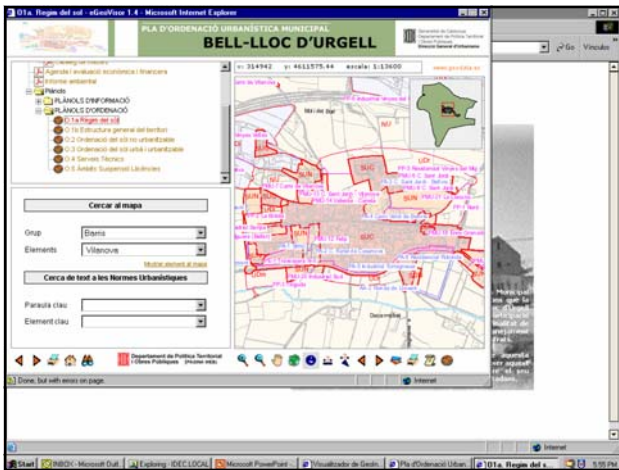
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NOW: Two main changes

- 1.- The e-gov organization will not afford funds, but is using them to provide services to municipalities
- 2.- The main goal is not to create more data and more GIS systems but to discover the already existing information, making it available for other users. (this is the way to get more and more accurate data every day)

Two years of SDI Local project, but probably it will last two years more.





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Summary

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- SDI clear impacts on business, information models and others
- It can be transformed into economic values
- How to measure values?
- We cannot apply a percentage to any budget
- Could you believe that SDI profits are 10 times higher than the cost of SDI activities?

(Example: Case 3: it cost 1million €. In the old approach, the cost is around 18 million €, without **assuring**???(the system maintenance).