

# INTRODUCTION TO SPATIAL PLANNING IN SPAIN

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HERIOTT-WATT UNIVERSITY FIELD TRIP

WEDNESDAY 24 FEBRUARY 2010



# INTRODUCTION

- Population (2008) 46,157,822 inhabitants
- Surface area of Spain is 505,990 km<sup>2</sup>
- Density of 91 inhabitants/km<sup>2</sup> (cf. UK 250 inhab./km<sup>2</sup>)
- Largest urban agglomerations include Madrid (5.64 mill.), Barcelona (4.83 mill.) Valencia (1.5 mill.) and Seville (1.24 mill.)

# ÁREAS URBANAS EN 2006 POR TAMAÑO DE POBLACIÓN

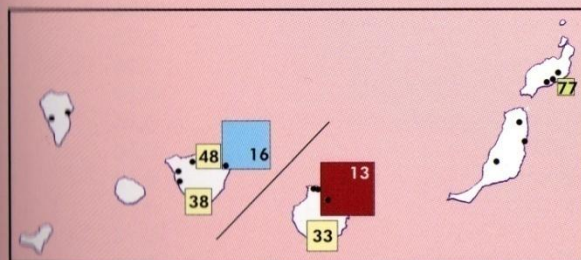
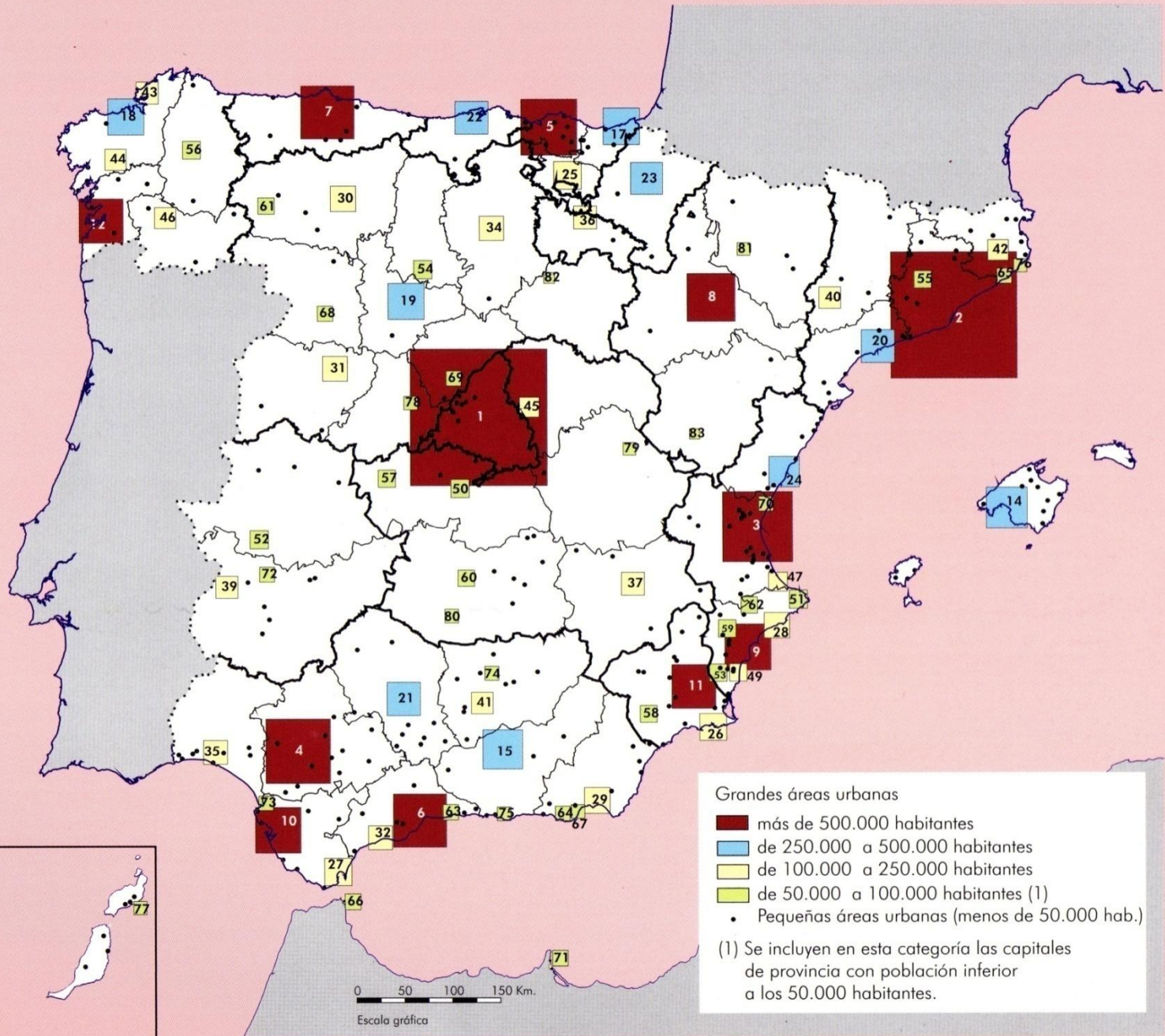
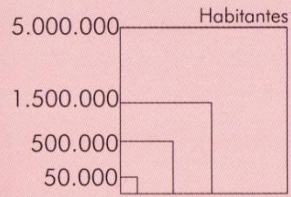




Image NASA  
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Alt. ojo 1086.89 km

40°03'40.27" N 3°34'35.90" O

# OUTLINE

- Background – socio-political and cultural considerations
- Institutional and legislative framework
- Development plans and the planning system
- Urban regeneration

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# BACKGROUND

1975

Españoles, Franco ha muerto



# BACKGROUND

1978

## CONSTITUCIÓN ESPAÑOLA

Aprobada por Las Cortes en sesiones plenarias del  
Congreso de los Diputados y del Senado celebradas  
el 31 de octubre de 1978

Ratificada por el pueblo español en referéndum de  
6 de diciembre de 1978

Sancionada por S. M. el Rey ante Las Cortes  
el 27 de diciembre de 1978





# BACKGROUND

1979



# BACKGROUND

- Constitution provided for quasi-federal system of government – the recognition of 17 Regions or Autonomous Communities
- Permitting the devolution of power to newly created regional assemblies - Basque Country (1979), Catalonia (1979), Galicia (1981) and Aragón (1982) were amongst the first regions to exercise this right

- Background – socio-political and cultural considerations
- Institutional and legislative framework
- Development plans and the planning system
- Urban regeneration

# INSTITUTIONAL AND LEGISLATIVE FRAMEWORK

- National legislation sets the general context for planning
- Spatial planning is the responsibility of the 17 Regions (Autonomous Communities) under Article 148.1.3 of the 1978 Constitution
- Each region has its own detailed planning legislation

# INSTITUTIONAL AND LEGISLATIVE FRAMEWORK

- 1956 first planning legislation in a national context (*Ley del régimen del suelo y ordenación urbana*)
- Reforms in the 1970s led to an amending Act in 1975 and consolidating legislation in 1976 (*Ley de suelo*)
- 1992 Planning Act (*Texto refundido de la ley sobre el régimen del suelo y ordenación urbana*)

# INSTITUTIONAL AND LEGISLATIVE FRAMEWORK

- Royal Legislative Decree 2/2008, approving the 2007 Planning Act (*Ley 8/2007 de Suelo*)
- Preamble to the legislation refers to:
  - Need for sustainable urban development
  - Minimising green field development
  - Encouraging brown field development
  - Advantages of compact rather than disperse and diffuse urban form

# INSTITUTIONAL AND LEGISLATIVE FRAMEWORK

- In the case of Catalonia, the relevant planning legislation is:
  - the *Ley 23/1983, de política territorial*, for regional planning, and
  - the *Text refós de la Llei d'urbanisme 1/2005*, dated 26 July 2005, for local development planning.

- Background – socio-political and cultural considerations
- Institutional and legislative framework
- **Development plans and the planning system**
- Urban regeneration



# DEVELOPMENT PLANS

- Development plan-led system with legally binding plans
- 1956 Act – reference made to a “national plan”, though this has never been adopted
- National plans of a sectorial nature exist, e.g. *Plan Estratégico de Infraestructuras y Transporte* (PEIT)

# DEVELOPMENT PLANS

- Regional planning (*planeamiento territorial*)
- Local development planning (*planeamiento urbanístico*) (equivalent to LDF in England)
  - Local planning (*planeamiento general*)
  - Detailed local development planning (*planeamiento derivado or de desarrollo*)

# LAND CLASSIFICATION

The respective regional governments' legislation classifies all land as one of three categories:

- *suelo urbano* (urban land)
- *suelo urbanizable* (developable land)
- *suelo no-urbanizable* (land unsuitable for development)

# LOCAL DEVELOPMENT PLAN

The municipalities are vested with the responsibility of implementing the system of land classification within their own administrative limits, through the preparation of a local development plan – known as a *plan general municipal* or *pla d'ordenació urbanística municipal* under the Catalonian legislation.

# LOCAL DEVELOPMENT PLAN

The local development plan also identifies “general systems” within the spatial limits of the municipality – taken to include communications and other infrastructure and technical services, open space, community facilities and different environmental systems e.g. hydrological systems, coastal systems, etc.

# LOCAL DEVELOPMENT PLAN

Stages in the adoption of a local development plan –

- Initial approval (issued by the municipality)
- Provisional approval (issued by the municipality)
- Definitive approval (issued by the corresponding Autonomous Community)

# LOCAL DEVELOPMENT PLAN

Highly detailed content of the local development plans – building heights, volumes, frontages, set-backs; landscaping requirements; open space requirements; etc.  
– contributes to a planning system of considerable certainty for the public at large.

# LOCAL DEVELOPMENT PLAN

- Revisions/reviews of the local development plan
- Modifications to the local development plan
- Planning agreements (lack of transparency)



# REGIONAL PLANNING INSTRUMENTS IN CATALONIA

- Pla territorial general de Catalunya
- Plans territorials parcials
- Plans sectorials (infrastructure, airports, ports, ...)
- Plans comarcals de muntanya
- Plans directors territorials
- Plans directors urbanístics

# PLAN TERRITORIAL GENERAL (1995)

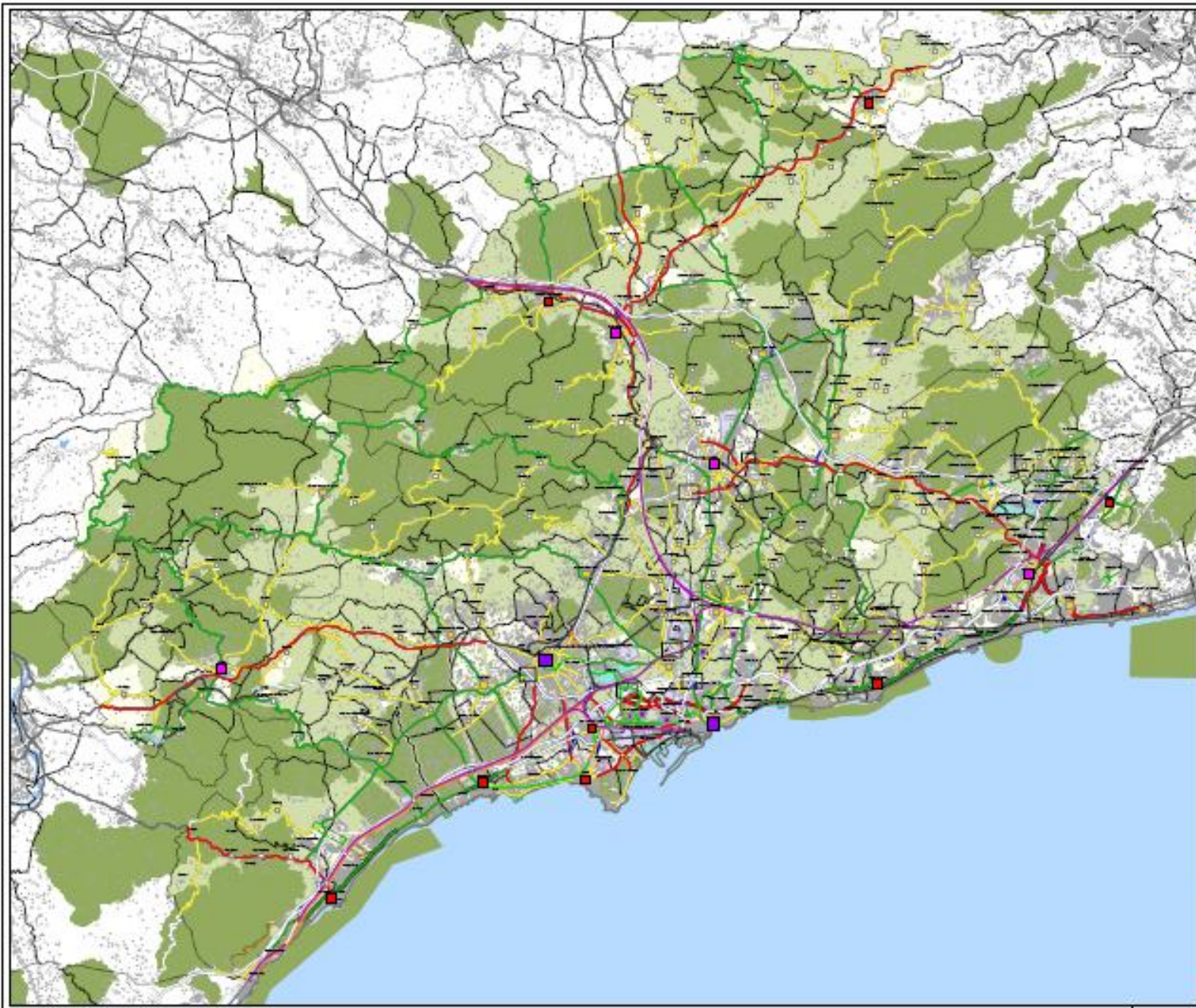
- *Pla territorial general de Catalunya (1995)*  
Defines the objectives of territorial balance of general interest for the whole of Catalonia.  
The Plan defines six geographical sub-areas for more in-depth analysis – which are in turn subject to the elaboration of *plans territorials parcials*, as is the case of the metropolitan area of Barcelona.

# PLAN TERRITORIAL GENERAL (1995)



# PLANS TERRITORIALS PARCIAIS PLANS DIRECTORS TERRITORIALS

These plans identify systems of open countryside, urban systems and road and rail related infrastructure



ESTADO DE LAS CARRETERAS	
Carretera pavimentada	Carretera pavimentada
Carretera no pavimentada	Carretera no pavimentada
Carretera en estudio	Carretera en estudio
Carretera en construcción	Carretera en construcción
Carretera en mantenimiento	Carretera en mantenimiento
Carretera en desuso	Carretera en desuso

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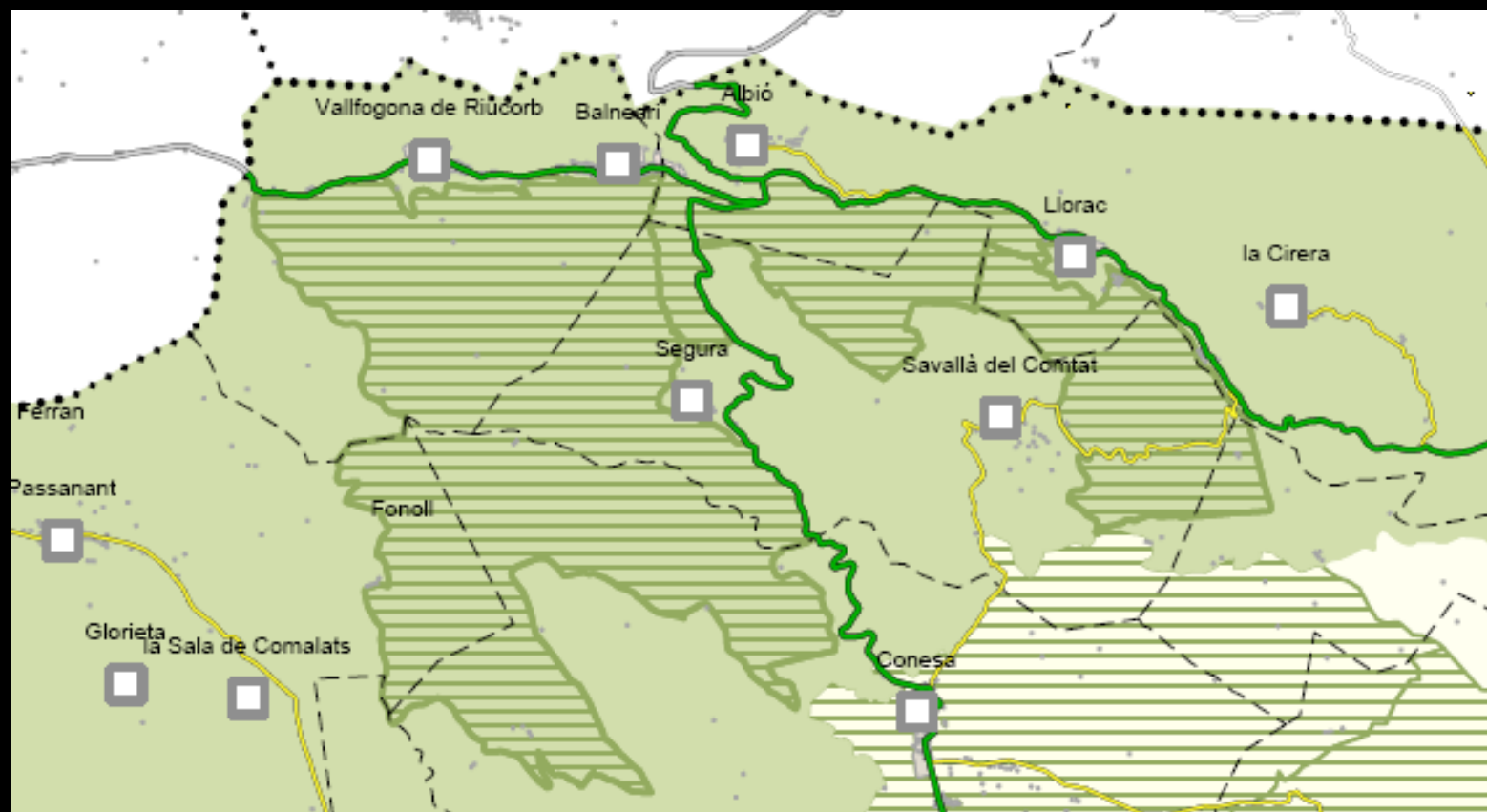
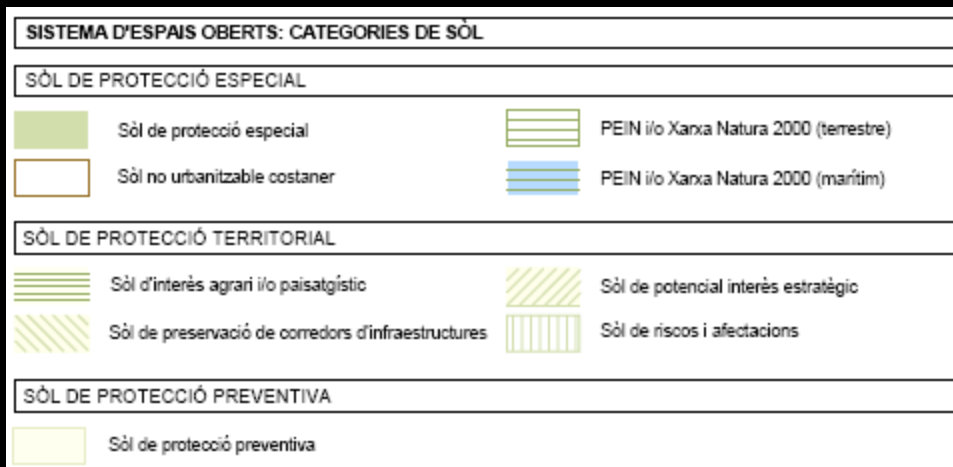
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**Proyecto**  
 Costa de Tanagerá  
 Plan de Manejo

**Proyecto**  
 Costa de Tanagerá  
 Plan de Manejo


Plan de Manejo  
 Costa de Tanagerá

Escala 1:50,000  
 Fecha: Julio 2008



### SISTEMA D'ASSENTAMENTS: TIPOLOGIES DE TEIXITS

#### NUCLIS HISTÒRICS I LES SEVES EXTENSIONS


 Nuclis històrics i les seves extensions


#### ÀREES ESPECIALITZADES\*

 Ús residencial

 Ús industrial i / o logístic

 Ús comercial, lúdic i altres terciaris

 Ús d'equipaments i sistemes


 Espais lliures interns


### SISTEMA D'ASSENTAMENTS: ESTRUCTURA NODAL


 Polaritat regional

 Polaritat comarcal


 Polaritat subcomarcal

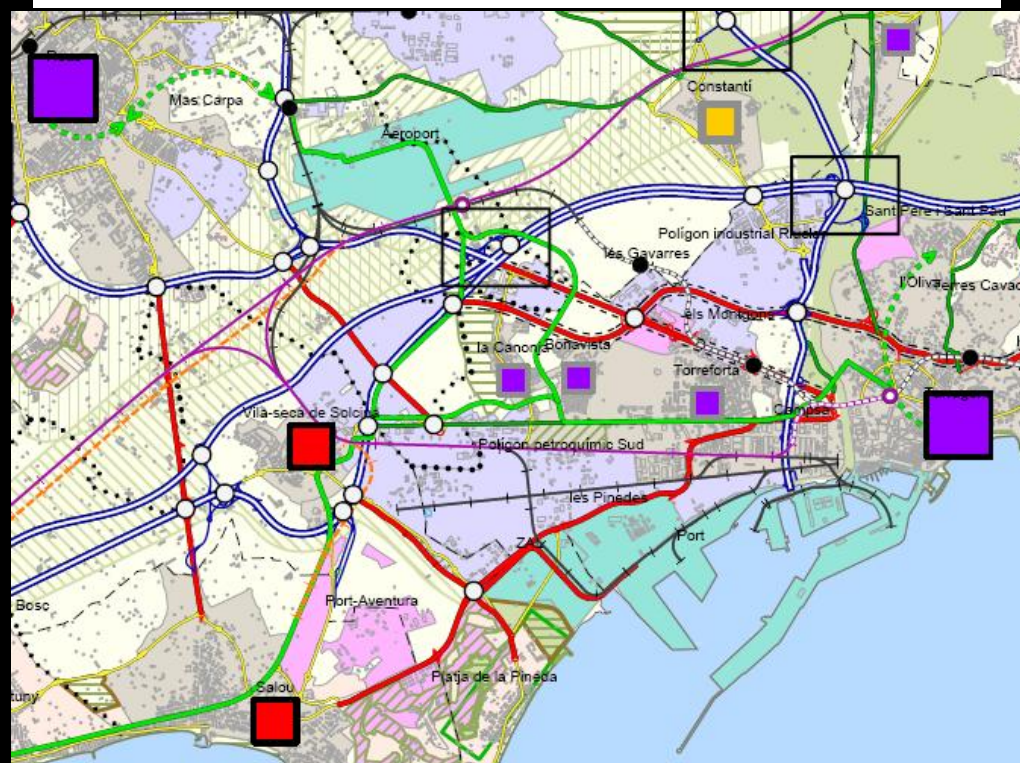
 Nucli conurbat

 Nucli estructurant

 Nucli urbà









 Petit nucli

 Disseminat / aïllat








## SISTEMA D'INFRASTRUCTURES DE MOBILITAT I TRANSPORT




### XARXA VIÀRIA

-  Autopista o autovia existent
-  Via estructurant primària
-  Via estructurant secundària
-  Via estructurant suburbana
-  Via integrada
-  Nou traçat indicatiu (previsió)
-  Enllaç amb autopista o autovia
-  Reordenació viària

### XARXA FERROVIÀRIA

-  Línia d'altres prestacions
-  Línia convencional
-  Traçats en estudi
-  Estació intermodal
-  Estació

### ALTRES DETERMINACIONS

-  Tren tramvia (Tram Camp)
-  Tram interurbà
-  Tram urbà (per definir)





# PLANS SECTORIALS

- *Plans sectorials* are prepared by the respective departments with responsibilities in specific areas, such as mobility, ports, airports, infrastructure, etc.

# Actuacions ferroviàries proposades



Generalitat de Catalunya  
 Departament de Política Territorial i Obres Públiques  
 Secretaria per a la Mobilitat

## 1. Alta velocitat

- 1a. Línia alta velocitat Lleida - Barcelona - frontera
- 1b. Connexió corredor del Mediterrani - Línia d'alta velocitat Barcelona - Madrid
- 1c. Línia d'alta velocitat al corredor del Mediterrani
- 1d. Eix transversal ferroviari
- 1e. Ramal Vallès ample UIC
- 1f. Accés TGV aeroport
- 1g. Connexió eix Transversal-port de Barcelona Manresa - Castellbisbal

## 2. Noves línies

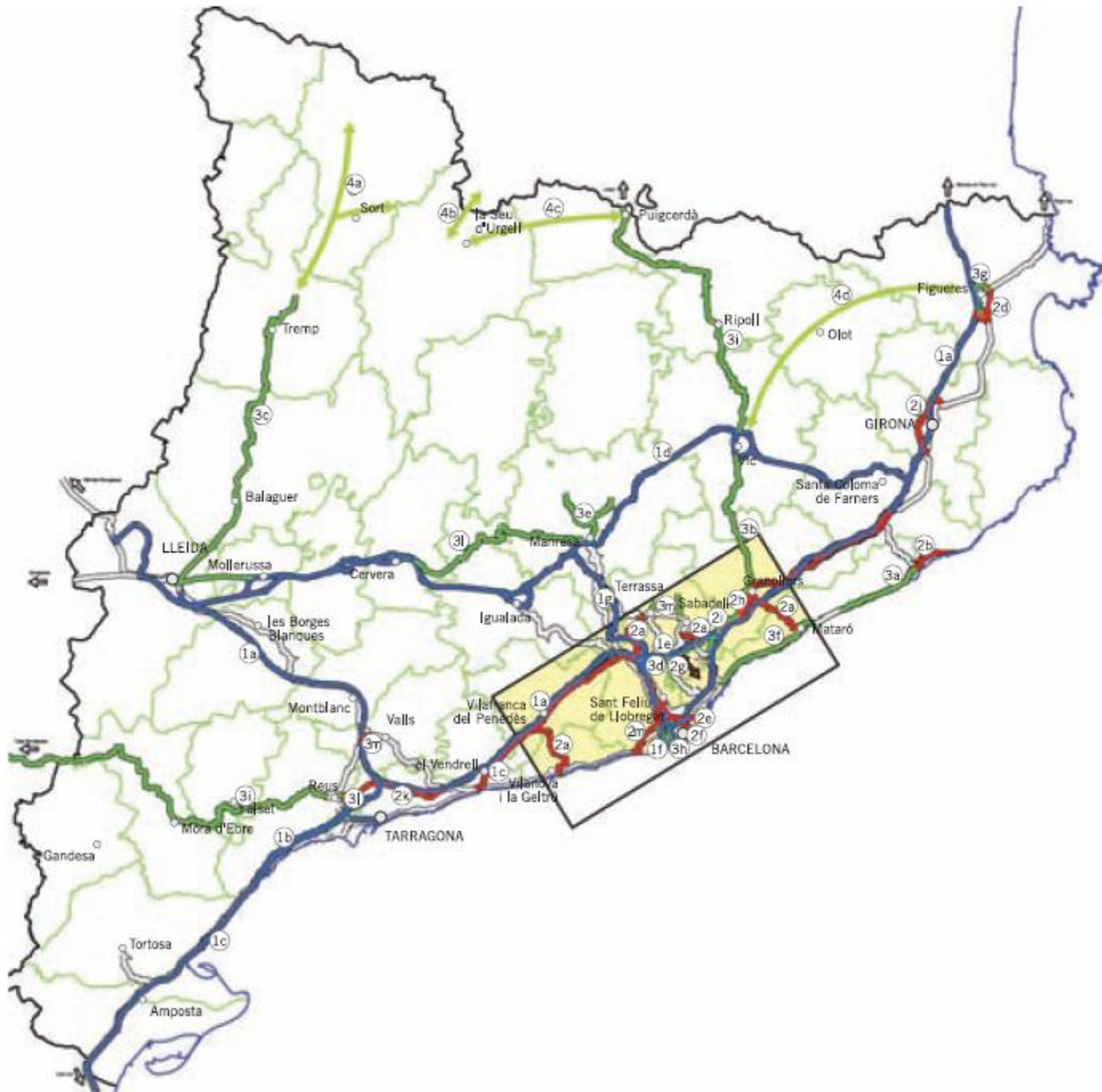
- 2a. Orbital Vilanova-Vilafranca-Mortera-Terrassa-Sabadell-Granollers-Mataró
- 2b. Perllongament Blanes-Lloret
- 2c. Ampliació capacitat corredor St. Vicenç-Castellbisbal
- 2d. Connexions ferroviàries de la plataforma Logis Empordà
- 2e. Ramal mercaderies el Papiol-Can Tunis
- 2f. Ramal de mercaderies l'Hospitalet-port de Barcelona
- 2g. Nou túnel d'accés a Barcelona des del Vallès
- 2h. Tercera via Mollet-St. Celoni i adaptació UIC fins Portbou
- 2i. Ampliació capacitat corredor Mollet-Maçanet
- 2j. Bypass de mercaderies de Girona
- 2k. Rehabilitació línia Reus-Roda
- 2l. Perllongament C3 Cornellà-Castelldefels
- 2m. Connexió Reus-Valls

## 3. Variants i millores en línies existents

- 3a. Desdoblament Arenys-Blanes
- 3b. Desdoblament Montcada-Vic
- 3c. Modernització Lleida-la Pobla
- 3d. Adaptació ample mixt Castellbisbal-Mollet
- 3e. Adaptació a passatgers línia FGC Manresa-Súria i línia FGC Manresa-Sallent
- 3f. Variant Barcelona-Mataró
- 3g. Variant Figueres
- 3h. Accés rodalies aeroport
- 3i. Modernització i millora de línies convencionals
- 3j. Supressió de passos a nivell
- 3k. Pla de millora d'estacions
- 3l. Variant Reus
- 3m. Perllongament FGC a Castellar i Matadepera

## 4. Altres actuacions ferroviàries

- 4a. Perllongament línia la Pobla
- 4b. la Seu d'Urgell-Andorra
- 4c. Puigcerdà-la Seu d'Urgell
- 4d. Connexió ETF Vic-Olot-Figueres



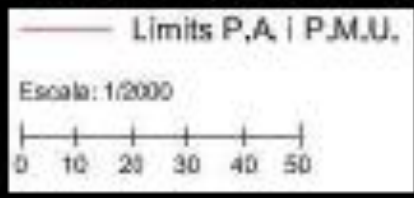
# LOCAL DEVELOPMENT PLANNING INSTRUMENTS IN CATALONIA

- *Plans de ordenación urbanística municipal* –  
local development plans





11 - ZONA SUBURBANA	16 - ZONA INDUSTRIAL LLADA
12 - ZONA D'EDIFICACIÓ A L'CAJA UNIFAMILIAR	17 - ZONA INDUSTRIAL ESPONS ALINEACIÓ
13 - ZONA D'EDIFICACIÓ LLADA PLURIFAMILIAR	18 - ZONA D'ACTIVITATS ECONÒMIQUES TURÍSTIQUES EN L'EDIFICI LLADA
14 - VOLUMETRIA CONSOLIDADA	19 - ZONA D'ACTIVITATS ECONÒMIQUES TURÍSTIQUES D'OCASIÓ ALINEACIÓ
15 - VERD PRIVAT	



**AL·LECCIONS**

AL·LECCIÓ D'AL·LECCIÓ
OCURECCIÓ PLANTAGINA
OCURECCIÓ PLANTAGINA

**PLANTAGINA**

300 COTA TERRASSA  
 450 COTA MALLORCA













# PLA D'ORDENACIÓ URBANÍSTICA MUNICIPAL, AJUNTAMENT DE BERGA. 2003.

## SÒL URBÀ ORDENACIÓ I QUALIFICACIÓ.


9

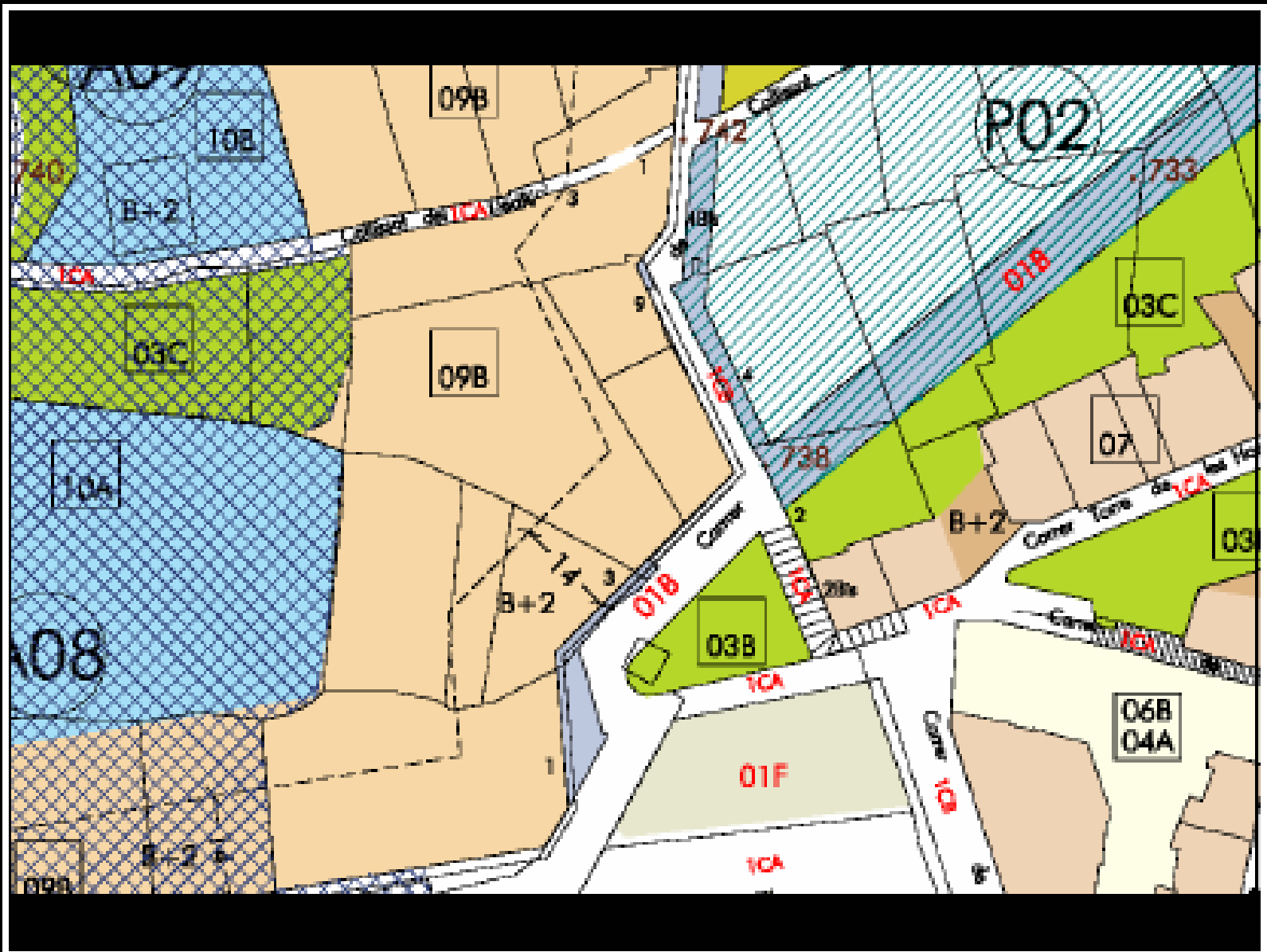
<b>01</b> Sistema de comunicacions	<b>06</b> Protecció de sistemes generals	<b>09</b> Terme en coloració	<b>13</b> Industrial	
<b>02</b> Sistema de serveis bàsics	<b>08</b> Edificis i contenidors	<b>10</b> Terme en edificació aïllada	<b>14</b> Hortes i jardins	
<b>03</b> Sistema especials bàsics	<b>07</b> Cases Anxir	<b>11</b> Volumetria específica	Abstracció per alineació	
<b>04</b> Sistema d'equipament	<b>05</b> Local	<b>12</b> Terres	Abstracció per color i tipografia en Cases Anxir	

*Note: The rightmost column contains symbols for 'Polígon d'actuació urbanística PAU' and 'Finde de mil·lars urbana PAU'.*

	Protecció edificable		Límit terme municipal.
	Alçada mínima		Límit sòl urbà.
	Unitat de façana		Límit sòl urbanitzable.
	Unitat de profunditat edificable		Alineació.
	Unitat de canal de aigua		
	Unitat de residus en Planta local		

**E 1:2000**

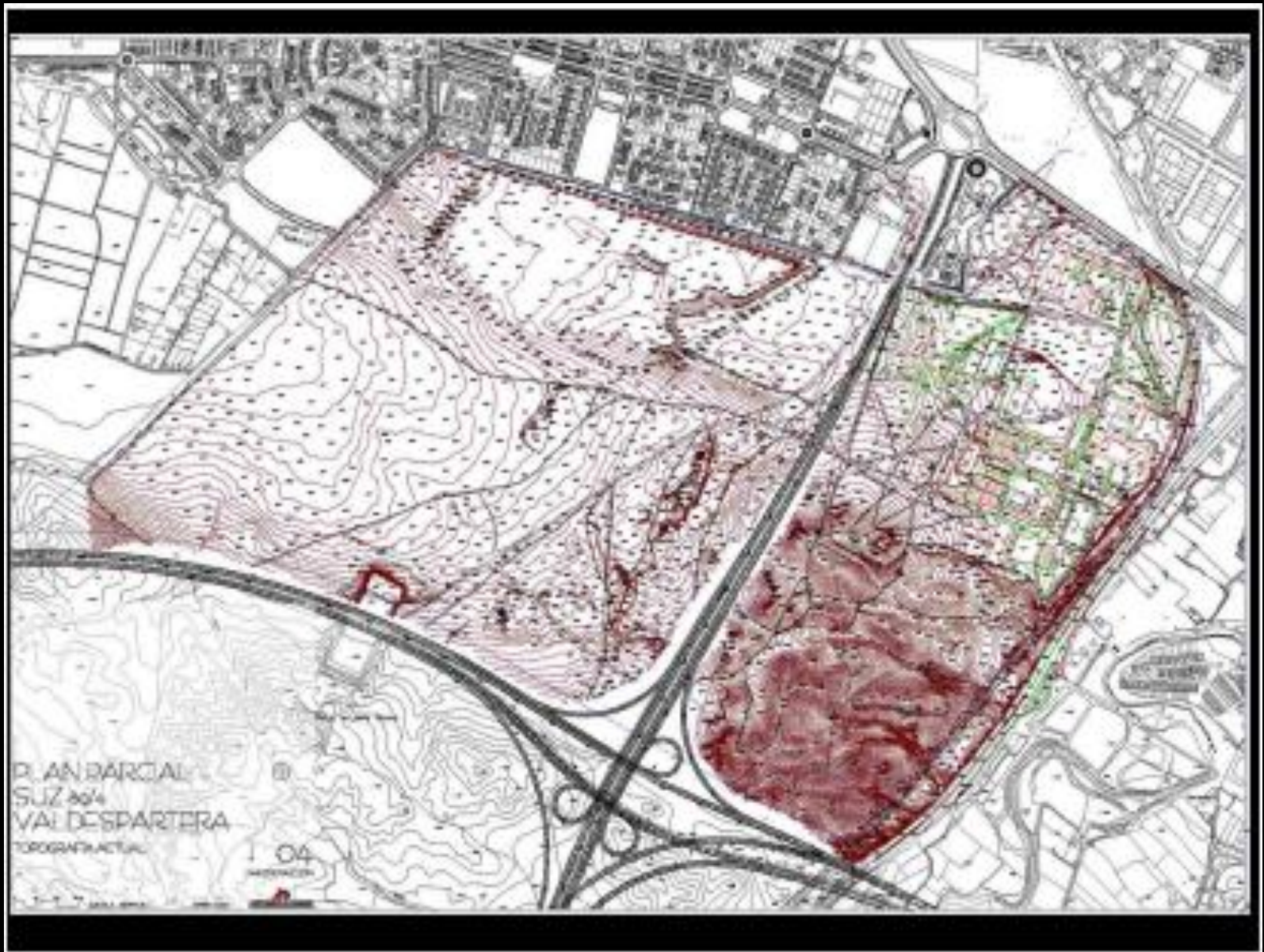






# LOCAL DEVELOPMENT PLANNING INSTRUMENTS IN CATALONIA

- Detailed local development planning  
(*planeamiento derivado or de desarrollo*)
  - *Planes parciales urbanísticos*
  - *Planes de mejor urbano*
  - *Planes especiales urbanísticos*

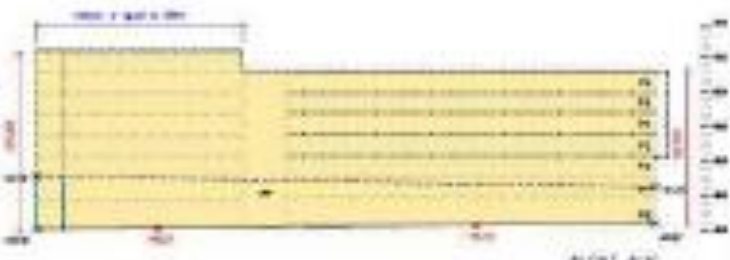
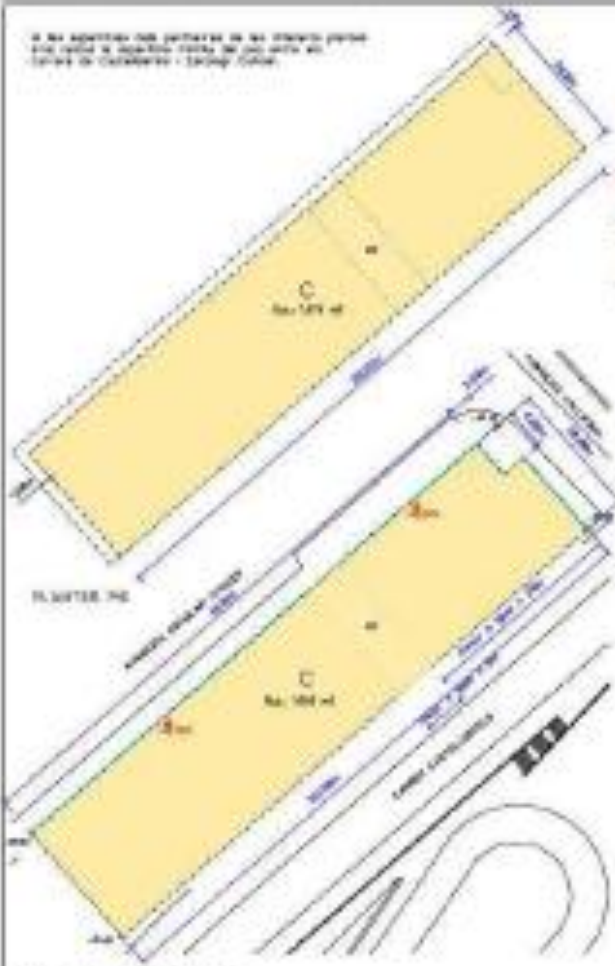




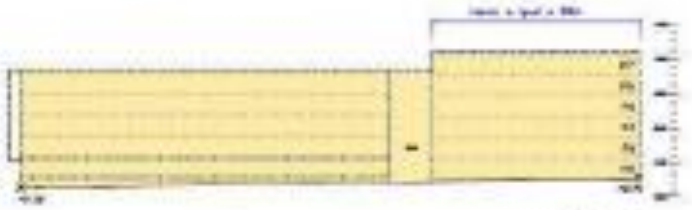




В НА ЗАДАЧАТА НА ПЛАНАТА СЕ НАКАРАВА ПОВЕЧЕ  
 ДА СЕ ПОКАЖАТ ПОЗИЦИИТЕ НА ПОВЕЧЕТЕ  
 ЧЕСТИ НА ОБЕКТА - ПОВЕЧЕ ЧЕСТИ.



СЪСТАВЪК А-А



СЪСТАВЪК Б-Б



**ОБЩЕ СЪВЕЩАВАНИЯ:**

- ПОВЕЧЕ ЧЕСТИ
- ПОВЕЧЕ ЧЕСТИ
- ПОВЕЧЕ ЧЕСТИ
- ПОВЕЧЕ ЧЕСТИ

ВЪЗРАСТА НА ОБЕКТА СЪС СЪСТАВЪК А-А И Б-Б СЪСТАВЪК  
 А-А И Б-Б СЪСТАВЪК А-А И Б-Б СЪСТАВЪК А-А И Б-Б

**ТАБЕЛИЦА СЪВЕЩАВАНИЯ:**

ТАБЕЛИЦА	ТАБЕЛИЦА
ТАБЕЛИЦА	ТАБЕЛИЦА
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Barcelona

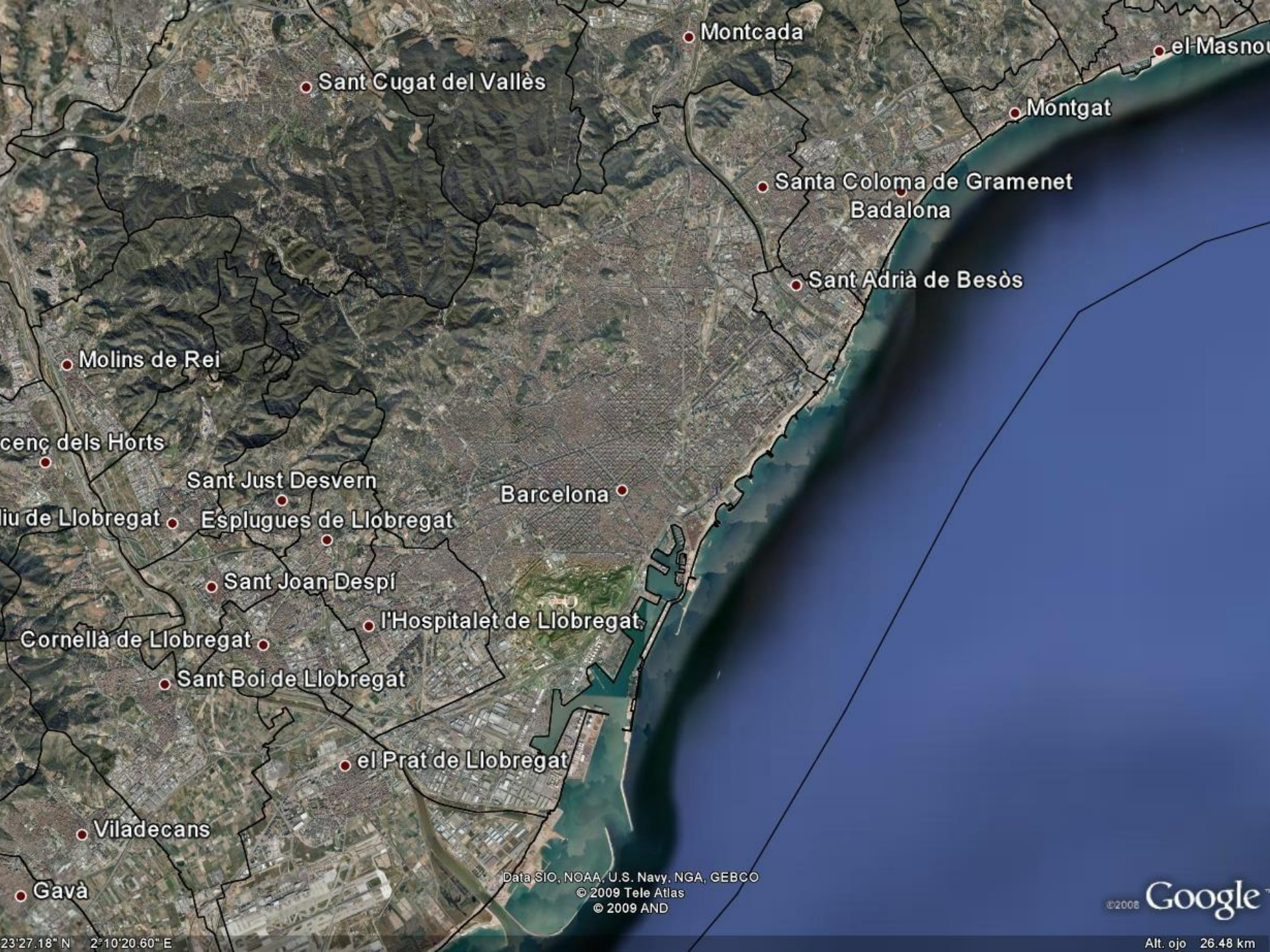
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

43°23'27.18" N 2°10'20.60" E

©2008 Google

Alt. ojo 26.48 km





Sant Cugat del Vallès

Montcada

el Masnou

Montgat

Santa Coloma de Gramenet  
Badalona

Sant Adrià de Besòs

Molins de Rei

Cançons dels Horts

Sant Just Desvern

Barcelona

Castell de Llobregat

Esplugues de Llobregat

Sant Joan Despí

l'Hospitalet de Llobregat

Cornellà de Llobregat

Sant Boi de Llobregat

el Prat de Llobregat

Viladecans

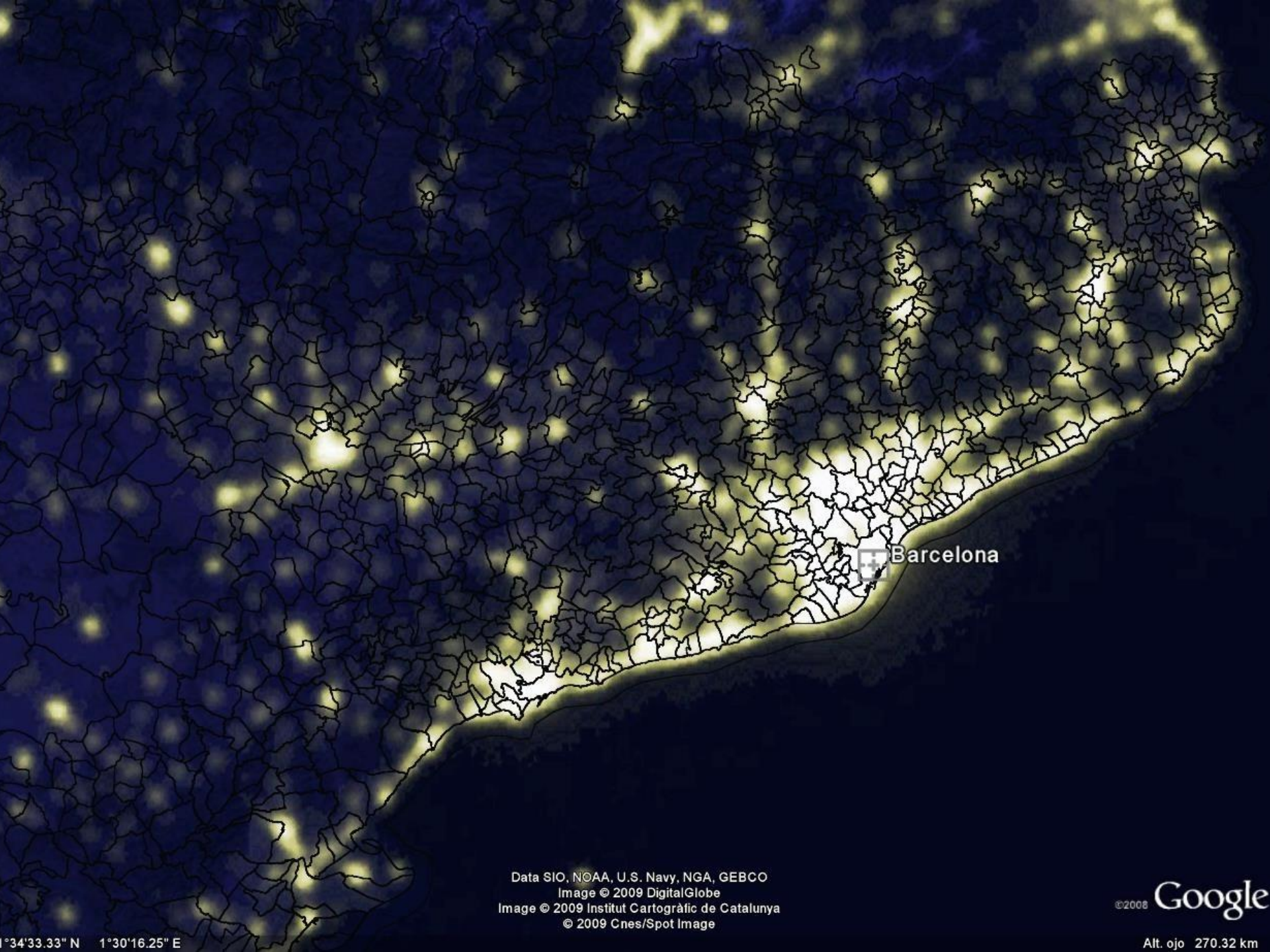
Gavà

Data SIO, NOAA, U.S. Navy, NGA, GEBCO  
© 2009 Tele Atlas  
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©2008 Google

43°27.18' N 2°10'20.60' E

Alt. ojo 26.48 km



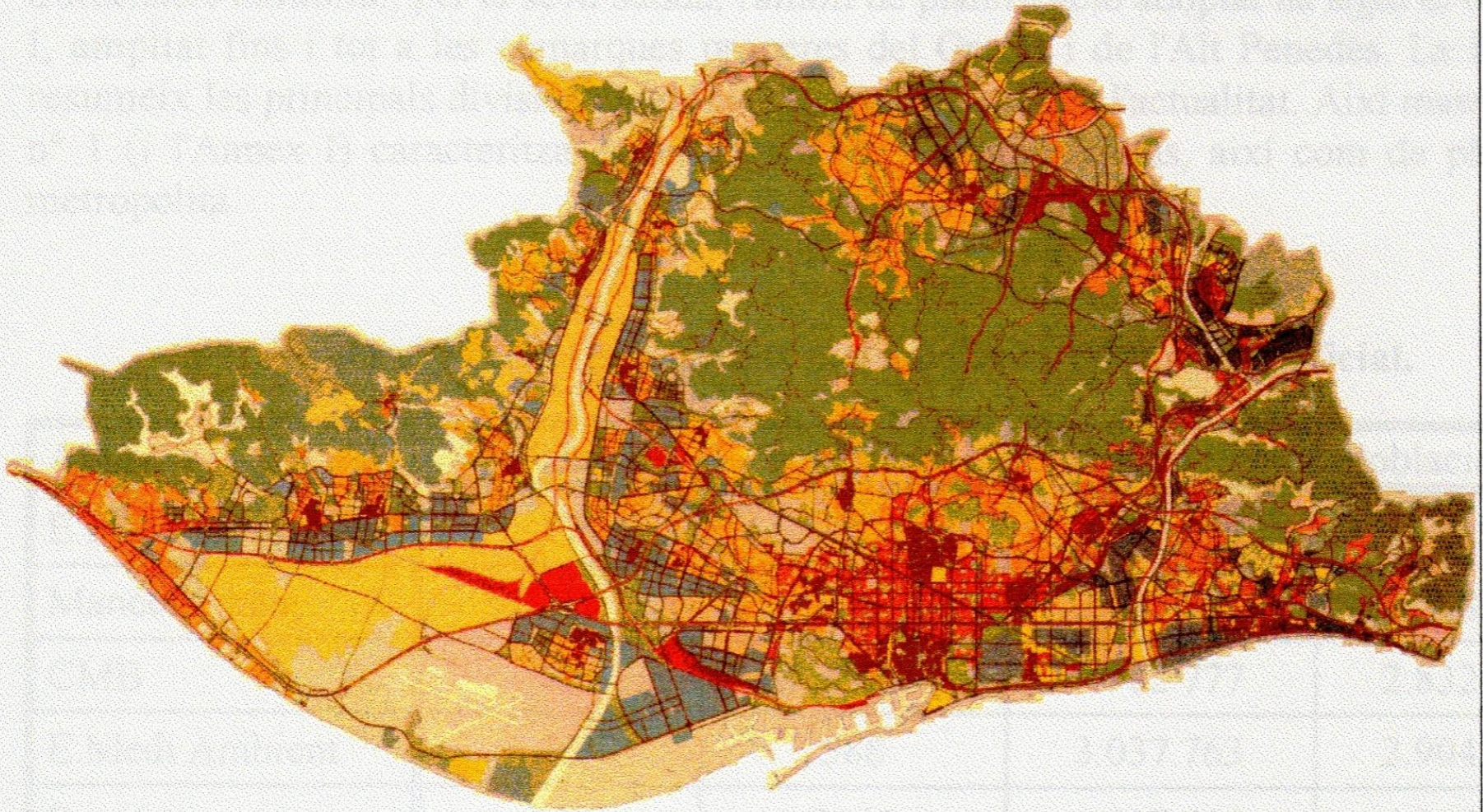
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Image © 2009 DigitalGlobe  
Image © 2009 Institut Cartogràfic de Catalunya  
© 2009 Cnes/Spot Image

©2008 Google

1°34'33.33" N 1°30'16.25" E

Alt. ojo 270.32 km

# PLA GENERAL METROPOLITÀ DE BARCELONA (1976)



# Corporación Metropolitana de Barcelona



- Demise of the *Corporació Metropolitana de Barcelona* in 1987, in circumstances very similar to those leading to the abolition of the Greater London Council (GLC) in 1986. This has produced a stalemate situation, whereby the current local development plan for the city and the adjoining 26 municipalities of the former CMB remains the PGM1976.

- Background – socio-political and cultural considerations
- Institutional and legislative framework
- Development plans and the planning system
- **Urban regeneration**

# URBAN REGENERATION POLICY CONTEXT

- Royal Legislative Decree 2/2008, approving the 2007 Planning Act (*Ley 8/2007 de Suelo*)
- Preamble to the legislation refers to:
  - Need for sustainable urban development
  - Minimising green field development
  - Encouraging brown field development
  - Advantages of compact rather than disperse and diffuse urban form

# URBAN REGENERATION POLICY CONTEXT

- Royal Legislative Decree 2066/2008, regulating the *Housing and Rehabilitation State Plan 2009-2012*
- Preamble to the legislation makes reference to:
  - vouching for the challenge of sustainability and economic efficiency
  - the need to optimise the use of the existing housing stock



# URBAN REGENERATION POLICY CONTEXT

- in relation to urban rehabilitation, endorsing the recommendations of the *Leipzig Charter* (2007) and the European Parliament's Resolution on the *Follow-up of the Territorial Agenda and the Leipzig Charter*
- specific programmes for areas of integral rehabilitation (ARIS) and urban renovation (ARUS)

# URBAN REGENERATION POLICY CONTEXT

- In the case of Catalonia, the planning legislation (*Text refós de la Llei d'urbanisme 1/2005*, dated 26 July 2005) recognises
  - land is a limited resource
  - importance of land occupation models avoiding disperse urban growth, favouring social cohesion, rehabilitation and renovation of urban land

# Spanish *Urban Environment Strategy* (Draft) (5 November 2007)

## OBJECTIVES FOR SUSTAINABLE URBANISM

- Create city and not urbanisation
- Recover and rehabilitate the existing city
- Increase urban quality, especially of the network of public spaces and community facilities
- Integrate urbanism in a model of spatial planning with sustainability criteria

# Spanish *Urban Environment Strategy* (Draft) (5 November 2007)

## GUIDANCE AND MEASURES FOR ADOPTION IN URBANISM

- Create new areas of centrality, encouraging the mix of urban uses and proximity as the basis for accessibility.
- (...)
- Placing priority on the recovery and rehabilitation of the city, absorbing growth therein, as opposed to the creation of new sectors of expansion.
- (...)

# OTHER INITIATIVES

The decision of the Council of Ministers in November 2008, for the constitution of an *Inter-ministerial Commission of Work on Land*, with representation of the Ministries of Defence, Economy and the Treasury, Interior, Works, the Environment and Housing.

Such a commission would have, amongst its objectives, the dedication of Government-owned land, no longer required for public use, being turned over to other 'social' uses. This land would be destined in the majority of the cases for social housing.

# REGIONAL STRATEGIES

In the case of Catalonia,  
legislation directed towards  
neighbourhood renewal.  
(*Ley de barris*)



## Programa de barris i àrees urbanes d'atenció especial

Darrera actualització: 30/07/2009



**Projecte cofinançat per la Unió Europea**

Fons europeu de desenvolupament regional

[Introducció](#)

[Normativa](#)

[Convocatòria d'ajuts](#)

[Manuals](#)

[Portal Barris amb projectes](#)

[Consultes](#)

[Convocatòries 2004, 2005, 2006, 2007, 2008 i 2009. Projectes aprovats](#)

[Convocatòria per a la selecció de projectes que seran finançats a càrrec de la Iniciativa URBANA \(20/12/2007\)](#)

[Jornada 'La Llei de barris. Un nou repte per l'exercici professional de l'arquitectura'](#)

[El Govern adjudica la sisena convocatòria d'ajuts de la Llei de barris a 26 nous projectes](#)

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- A formal brownfield 'strategy' as such does not exist
- Nevertheless brownfield development is clearly high on the Central and Regional Governments' agendas
- Supporting policy is patently clear in national planning legislation and other country-wide initiatives
- Supporting policy is similarly clear in (some) state planning legislation
- Some of the larger cities are exemplary in terms of the brownfield development that has taken and is continuing to take place.



- Major development proposals in Barcelona are in the main processed as “modifications” to the local development plan

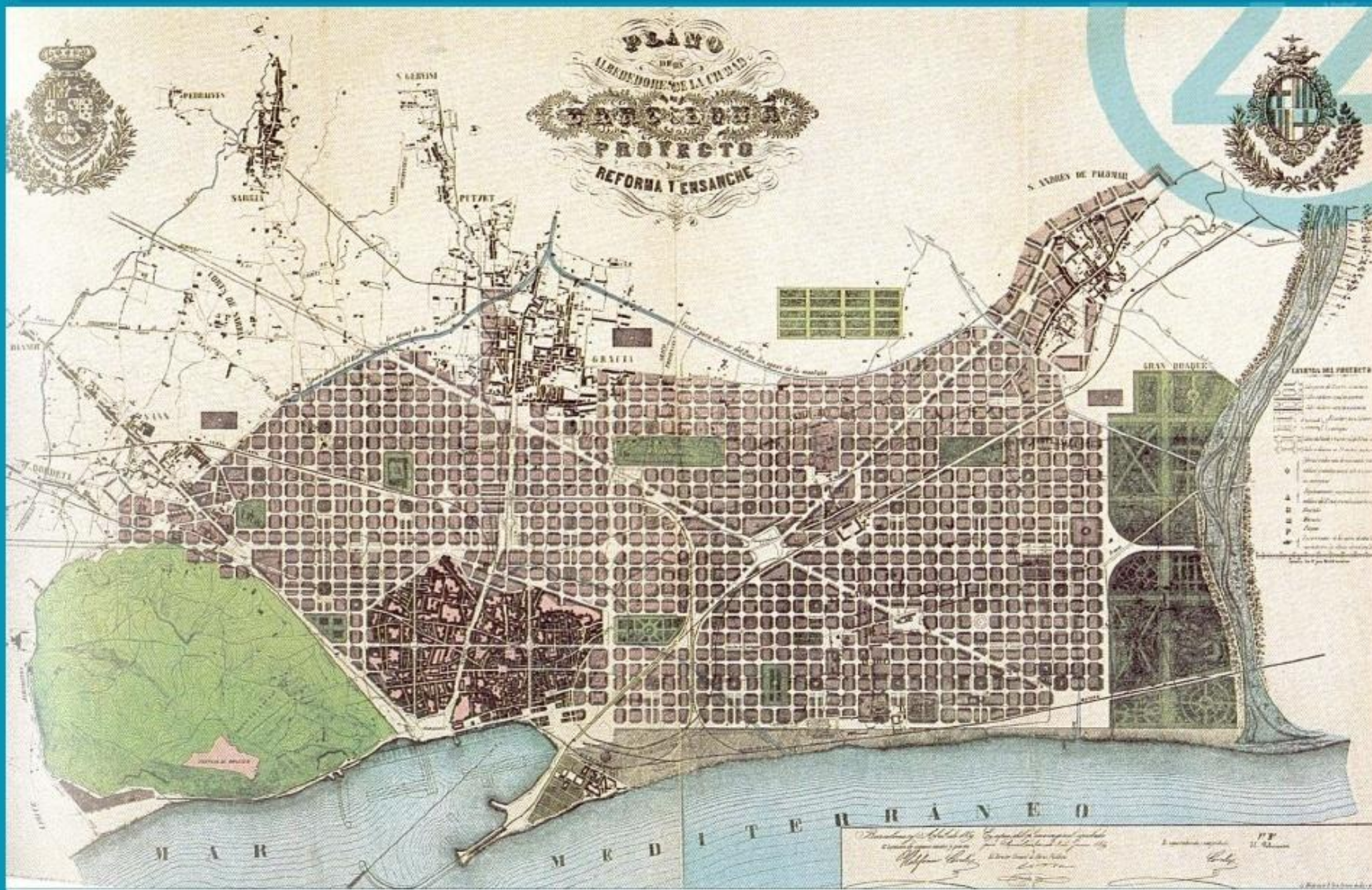
## 22@BARCELONA

- Major area of urban regeneration
- Modification to the local development plan approved in 2000 for the renovation of industrial zones of *Poble Nou*
- District of 22@BCN activities
- 22 = industrial zoning under the 1976 PGM
- 22@ adopted for the new zoning to reflect high tech mixed use development

## 22@Barcelona, el distrito de la innovación



## 22@Barcelona, incluido en el Plan Ensanche (1859)



## 1860 - 1960: el "Manchester Catalán"



## 1960 - 1990: obsolescencia funcional



## 1986 - 1992: la recuperación del litoral



## 1998: el debate sobre el futuro de las áreas industriales

Una estrategia de renovación urbana. Un nuevo modelo de edificación de ciudad. La respuesta a una necesidad: la Economía del Conocimiento.





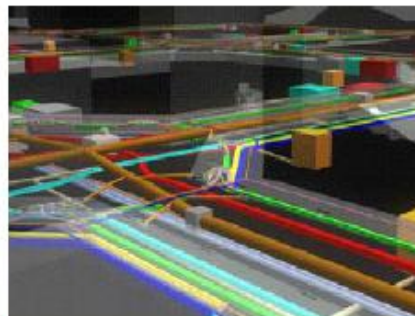
# Plan 22@Barcelona, un nuevo modelo de ciudad compacta



Actividades @



Zonas verdes



Infraestructuras avanzadas



Patrimonio industrial



Equipamientos 7@



Vivienda pública



Nuevo modelo de movilidad



Revitalización del espacio público

# what is **22@Barcelona** ?

The innovation district



**Urban Innovation**  
The city



**Economic Innovation**  
The companies



**Social Innovation**  
The people

## Highlights for professionals

- 22@Update Breakfast. The monthly breakfasts that keep you up to date on innovation.
- Current State. Look up in this web site the main 22@Barcelona indicators.
- 3rd Symposium on Urban Clusters. Let us know your suggestions for the next edition.
- Public contracting. Look up the tenders and awards of 22@Barcelona municipal private society.
- Business Services
- Search for plots
- Search for companies
- 22@ Staying in company

## Current affairs

[Agenda](#) | [News](#) | [Newsletter](#)

 [Videos](#)

**Melon District - Marina, la major residència privada d'estudiants arriba al 22@Barcelona**

MelonDistrict - Marina és la residència d'estudiants privada més gran de Barcelona i s'ha instal·lat en una nova zona en transformació del districte 22@Barcelona. En una mateixa illa hi conviuen activitat empresarial, habitatge de protecció oficial, l'Hotel Marina i la citada residència.


**UOC Research Center to move into MediaTIC building in 22@Barcelona**

Open University of Catalonia Research Center (UOC) has

**Catalan delegation returns from Munich with more than 400 professional contacts to promote the BET**

Minister of Town and Country Planning for the Department of Town and Country Planning and Public Works, **Oriol Nel·lo**, and the Barcelona City Council deputy mayor for Finance and Economic Promotion, **Jordi W. Carnes**, visited the fair and participated in conferences and meetings with foreign delegations to promote the **Barcelona Economic Triangle**.

**Abacus cooperative to establish new headquarters in 22@Barcelona district**

A satellite-style map of the Iberian Peninsula, showing the landmass in shades of green, brown, and tan, surrounded by deep blue ocean waters. The map is centered on the continent, with the Atlantic Ocean to the west and the Mediterranean Sea to the east. The text is overlaid in the center of the landmass.

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Alt. ojo 1086.89 km

40°03'40.27" N 3°34'35.90" O