idealista

#SDSC22

Spatial Data Science Conference

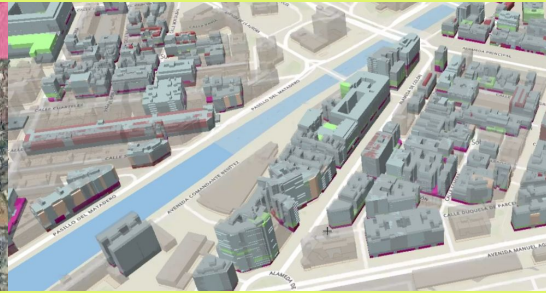
In person

May 18th

idealista

#SDSC22

spatial
datamart &
data science product



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product

- cadastre +
- maps
- energy
- miscellany

consultancy

the office
data strategy & governance

David Rey
CDO

Pablo Contreras
data governance

royal society
data ops & platform

Javi Monterrubio
data platform lead

Pedro Varo
MLOps lead

João Boto
platform eng.

David Mateo
platform ops

Pablo Lozano
MLOps engineer

the flintstones
data engineering & architecture

Antonio Manzano
head of data tech

Susana Montero
data engineer

Lourdes Pemán
data engineer

bricks
embedded data team for idealista/data

José Miguel Sánchez
data product lead

Tania Diez
data scientist

vulcan
data science & advanced analytics

Pelayo Arbués
head of data science

Julio Guijarro
data scientist

Alessandro Galesi
data scientist

Alba Ortega
data scientist

Gustavo Fernández
data scientist

David Gago
spatial data engineer

Juan Ramón Selva
spatial data scientist

datacrew

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idealista.com

(more than 58M different coordinate pairs)

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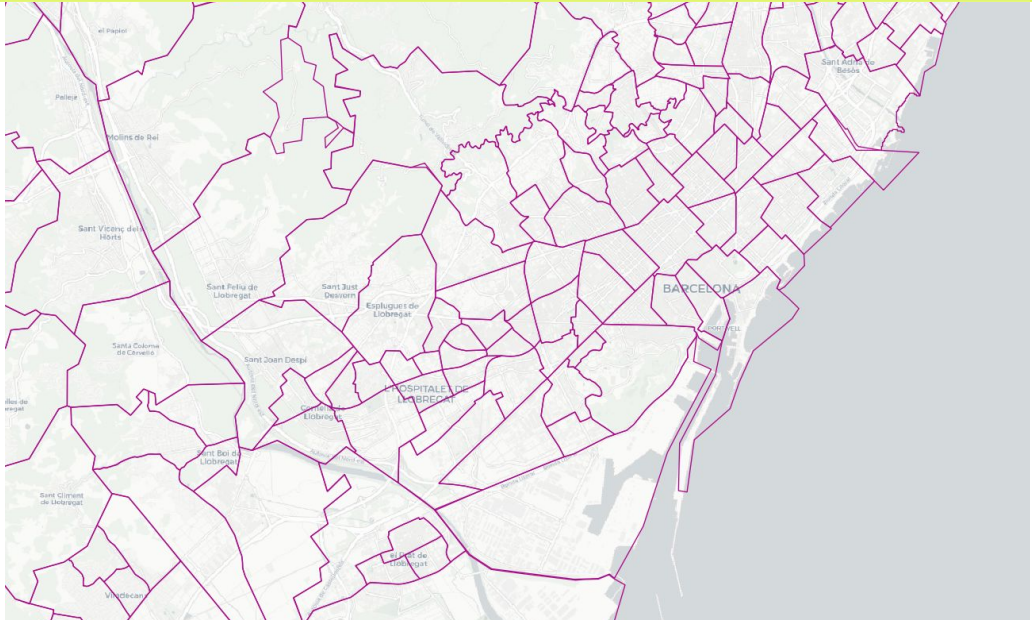

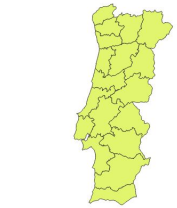

level 2, country (7 characters) → '0-EU-ES'

level 3, province (10 characters) → '0-EU-ES-08'

level 6, municipality (21 characters) → '0-EU-ES-08-02-001-015'

level 8, neighbourhood (28 characters) → '0-EU-ES-08-02-001-015-05-003'

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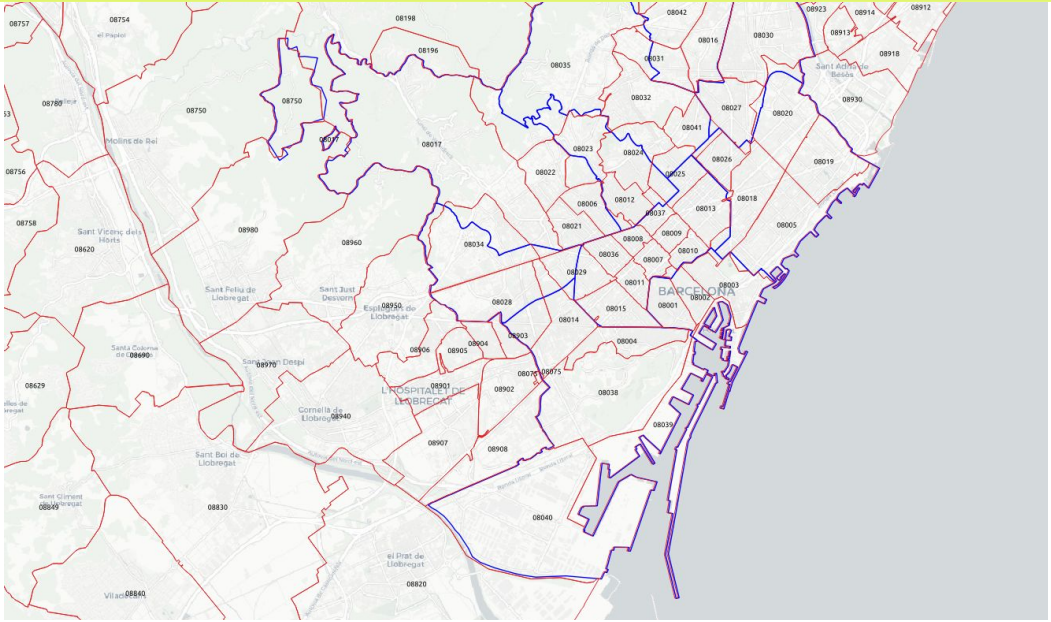

- CARTO
- Eurostat
- Instituto Geográfico Nacional
- Instituto Nacional de Estadística
- Kontur
- NASA
- OpenStreetMap
- WorldPop

census	(1991 - today)		
official	(2011 - today)	→	municipio / freguesia / comune
postcodes	(2013 - today)		
omi	(2017 - today)	→	only Italy
nuts	(2021 - today)		

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spanish cadastre

Catastro

INSPIRE - Infrastructure for Spatial Information in Europe

CP
- cadastralparcel
- cadastralzoning

BU
- building
- buildingpart

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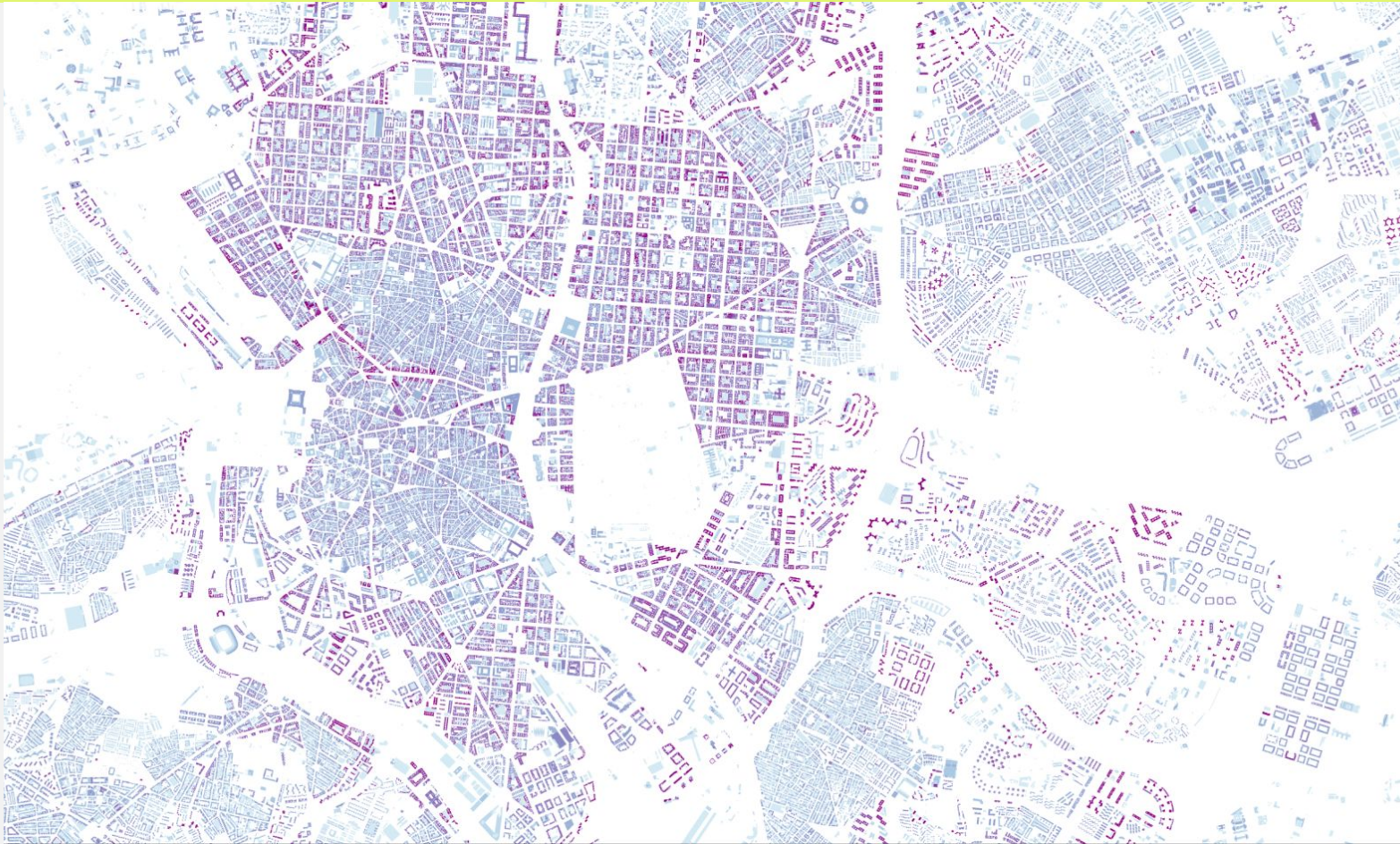

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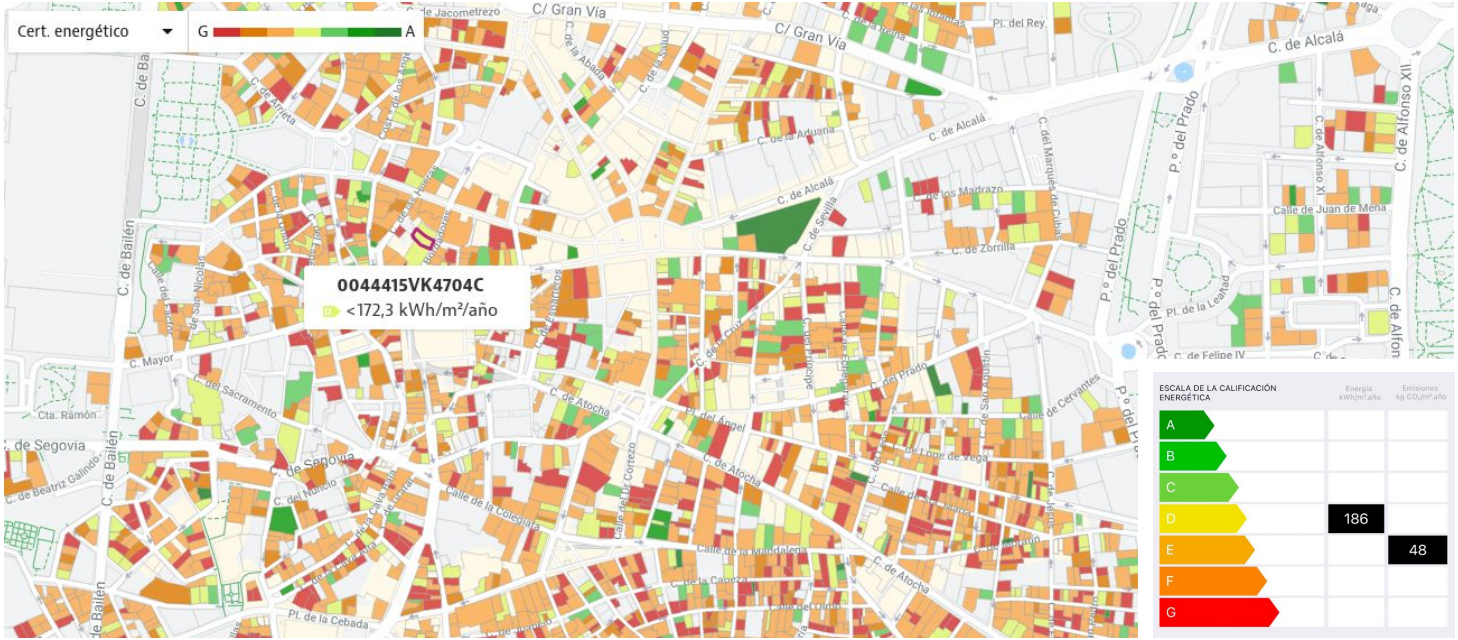

energy certificates

official energy registers (dwelling) + ads energy info

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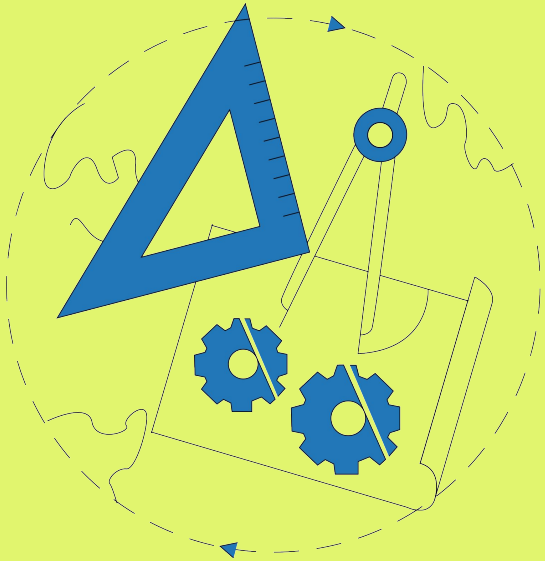

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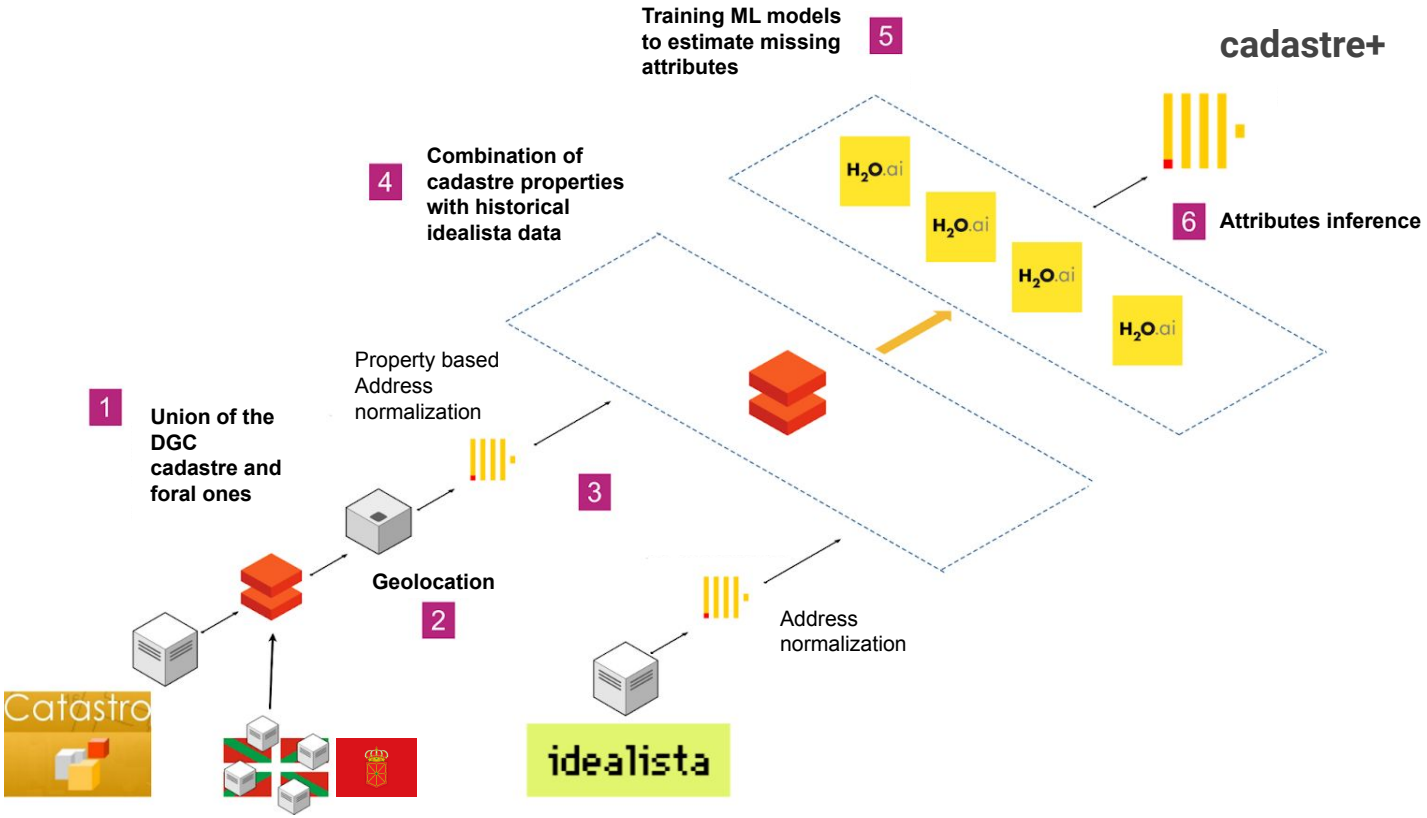

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La mejor información inmobiliaria de toda España

Conoce los detalles de cualquier inmueble
Valoraciones online gratis y características de todas las viviendas registradas en catastro

Conoce el estado del mercado inmobiliario
Información de los precios medios de venta y alquiler en municipios y barrios de toda España.

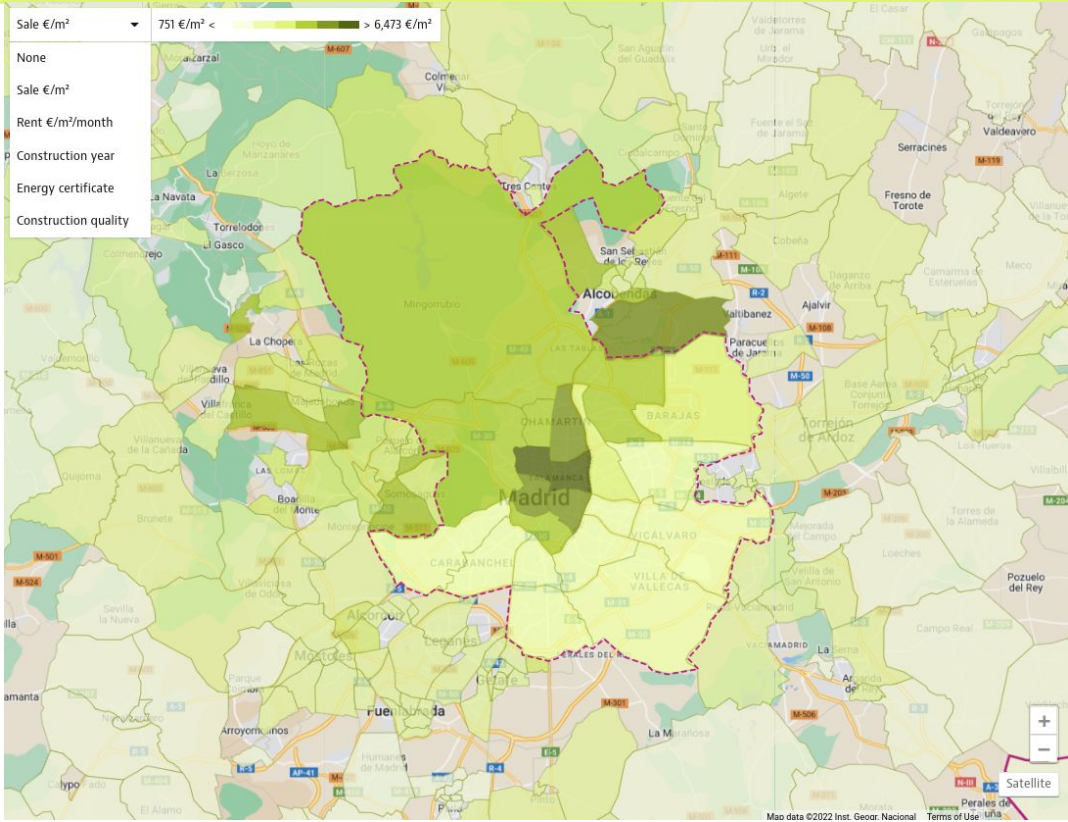
Conoce una zona sin salir de casa
Datos de oferta inmobiliaria, transporte y servicios en todo territorio nacional

Buscar una calle

Buscar una dirección o calle y su localidad

Explora una provincia

A Coruña	Cuenca	Ourense
Álava	Girona	Palencia
Albacete	Granada	Pontevedra
Alicante	Guadalajara	Salamanca
Almería	Guipúzcoa	Santa Cruz de Tenerife
Asturias	Huelva	Segovia
Ávila	Huesca	Sevilla
Badajoz	Jaén	Soria
Balears (Illes)	La Rioja	Tarragona
Barcelona	Las Palmas	Teruel
Burgos	León	Toledo
Cáceres	Lleida	València
Cádiz	Lugo	Valladolid



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Esc.1 3º IZ Calle Jose Ortega Y Gasset, 60, Madrid

28006 Madrid

Flat · 163 m² · Built in 1935

Estimated sale price

827,458 €

min **738,688 €** - max. **888,811 €**

Estimated rental price

2,348 €

min **2,157 €** - max. **2,520 €**

How do we calculate these prices?

Are you looking for help to sell this property?

If you are looking for an estate agency to sell this property, we help you to find the best options for doing it quickly

Find an estate agency to sell this property.

Cadastral data

Public data obtained from the Directorate General of Land Registry (Dirección General de Catastro) and the idealista database.

Cadastral reference

2758904VK4725H0011SU

Print cadastral report

163 m² built on
Residential use
Participation rate 8.06%

2 constructions at

Floor 03 - Izda.	Home	132m²
-	Common spaces	31m²

Information about the building

312 m² of plot
Built in 1935
Good construction quality
Building of 7 floors
2 neighbors per floor
Lift
Doorman
14 Homes

Edit details of the property

id/energy

Install solar panels on the roof

On the roof of Calle Jose Ortega Y Gasset, 60, Madrid There are **20 m² available** for the installation of solar panels. It receives **2,047 hours** of sunlight per year.

Calculate how much you could save in € by installing solar panels

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idealista.it/maps

idealista.pt/maps

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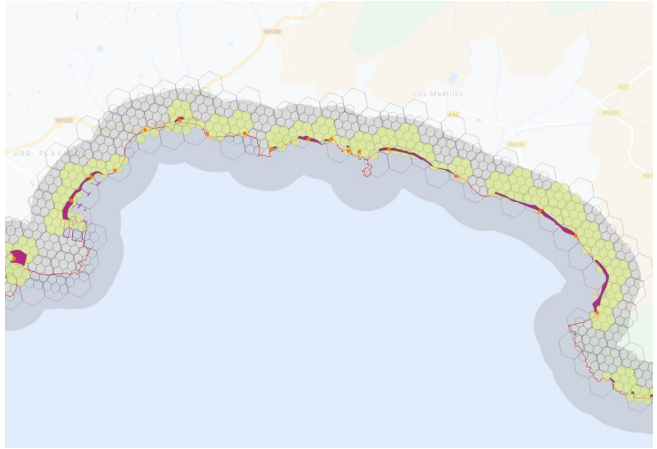

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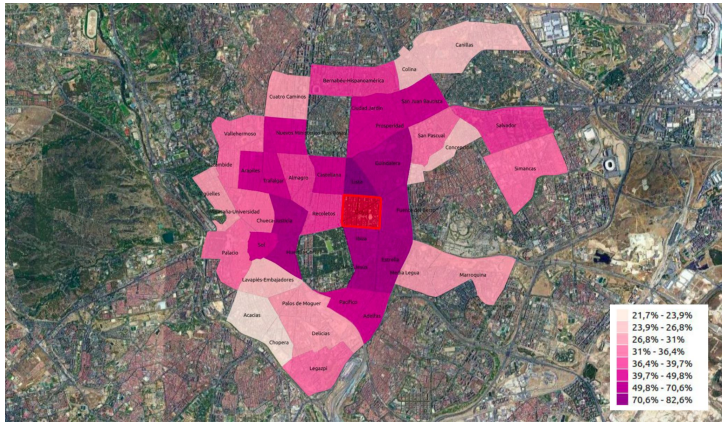
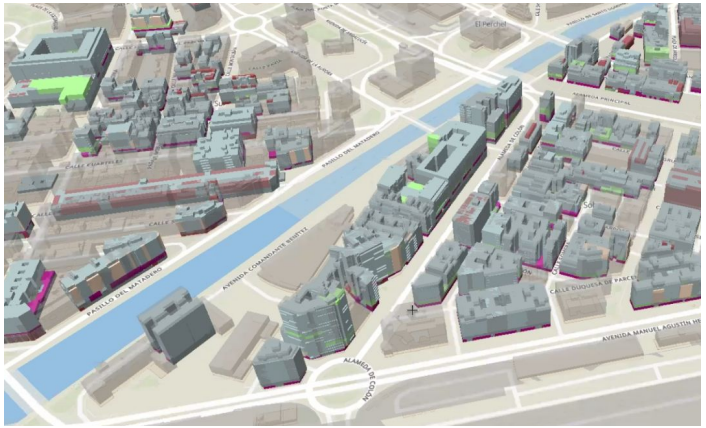
232967	geo-beach-at
623570	geo-beach-car-10min
252417	geo-beach-walk-10min
273031	geo-beach-walk-5min
210728	geo-bus-walk-10min
122736	geo-bus-walk-5min
11224	geo-golf-car-10min
478	geo-golf-walk-10min
94	geo-golf-walk-5min
1193	geo-hospital-at
389704	geo-hospital-car-10min
49052	geo-hospital-walk-10min
8993	geo-hospital-walk-5min
23083	geo-school-at
1048510	geo-school-car-10min
430849	geo-school-walk-10min
130370	geo-school-walk-5min
23782	geo-subway-walk-10min
5335	geo-subway-walk-5min
111588	geo-supermarket-at
1420449	geo-supermarket-car-10min
870229	geo-supermarket-walk-10min
424791	geo-supermarket-walk-5min
24531	geo-train-walk-10min
4134	geo-train-walk-5min





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sidewalk score

gid_	cdvial	nombre	base	relación	pendiente	ruido	unit_res	tránsito	laboral	locales	total	laliga
2301_	7901510	Plaza Cortes, 3-9	40	15	0	-4,83	16,58	15	4,69	2,56	89,01	1
2304_	7901510	Plaza Cortes, 2-3	40	15	0	-6,6	16,99	15	4,69	3,09	88,16	1
7156_	7905277	Gta Rubén Darío, 2	40	15	0	-5,49	18,74	15	4,88	0	88,13	1
6835_	7904980	Plaza Puerta del Sol, 13-14	40	15	0	-3,13	12,51	15	4,79	3,66	87,83	1
7617_	7905612	Plaza Santa Bárbara, 5-7	40	15	0	-7,31	17,92	14,32	4,38	3,23	87,55	1
4150_	7902864	Plaza Independencia, 1	40	15	0	-8,93	19,3	15	4,69	2,42	87,48	1
7620_	7905612	Plaza Santa Bárbara, 1-4	40	15	0	-6,86	18,03	15	3,58	2,7	87,45	1
3920_p	7902695	Calle Guzmán el Bueno, 8-12	41,84	9	0	-3,4	15,74	15	4,28	4,75	87,2	1
4151_	7902864	Plaza Independencia, 2-4	40	15	0	-9,26	19,3	15	4	3,11	87,15	1
6837_	7904980	Plaza Puerta del Sol, 2-6	40	15	0	-6,36	13,98	15	4,79	4,38	86,78	1
6821_	7904976	Plaza Puerta Cerrada, 2-6	40	15	0	-5,47	14,44	15	3,08	4,59	86,64	1
4354_i	7903075	Calle Santa Engracia, 43-45	46,72	8,4	0	-7,28	16,47	15	2,06	5	86,37	1

LaLiga
DE LAS CALLES

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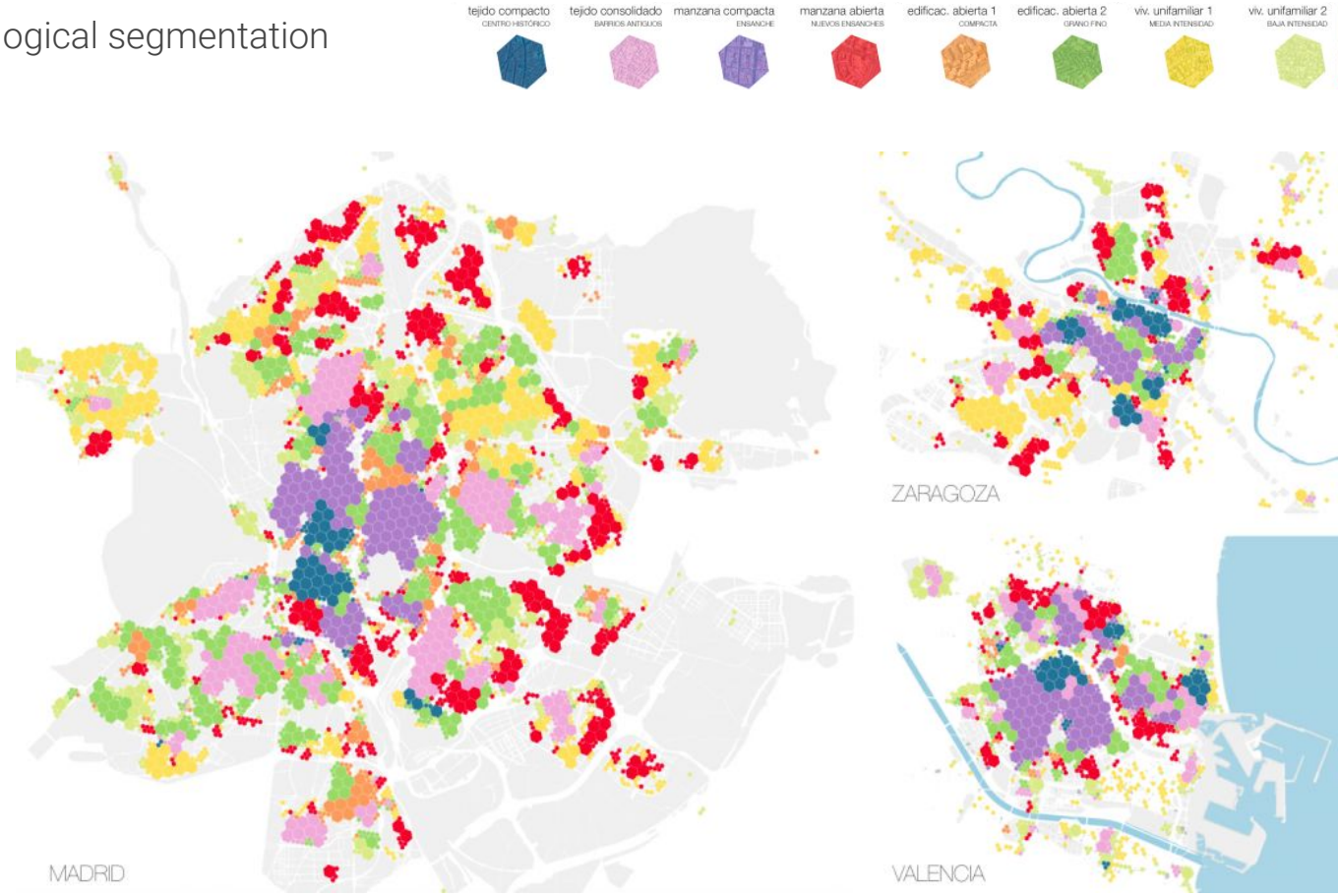
morphological segmentation



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thank you !!

Juan Ramón Selva

jrselva@idealista.com

https://www.linkedin.com/in/jrselva/