

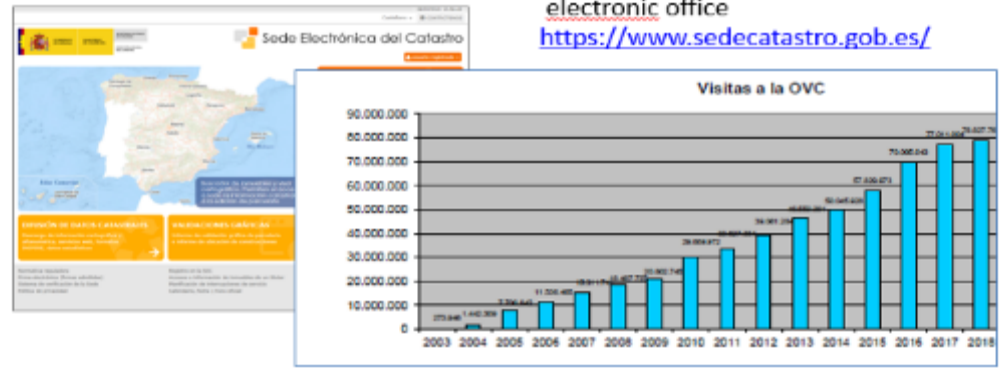
Spanish Cadastre in covid times

Amalia Velasco Martín-Varés
International Affairs Coordinator.
Spanish Directorate General for Cadastre



- **SDGC supporting Government during COVID-19.**
- **SDGC contingency response to the pandemic.**
- **SDGC supporting Government post COVID-19.**

- The SDGC develops an open policy for the download all of cadastral information
 - Many web services
 - Many formats
 - Bulk downloads



electronic office
<https://www.sedecatastro.gob.es/>

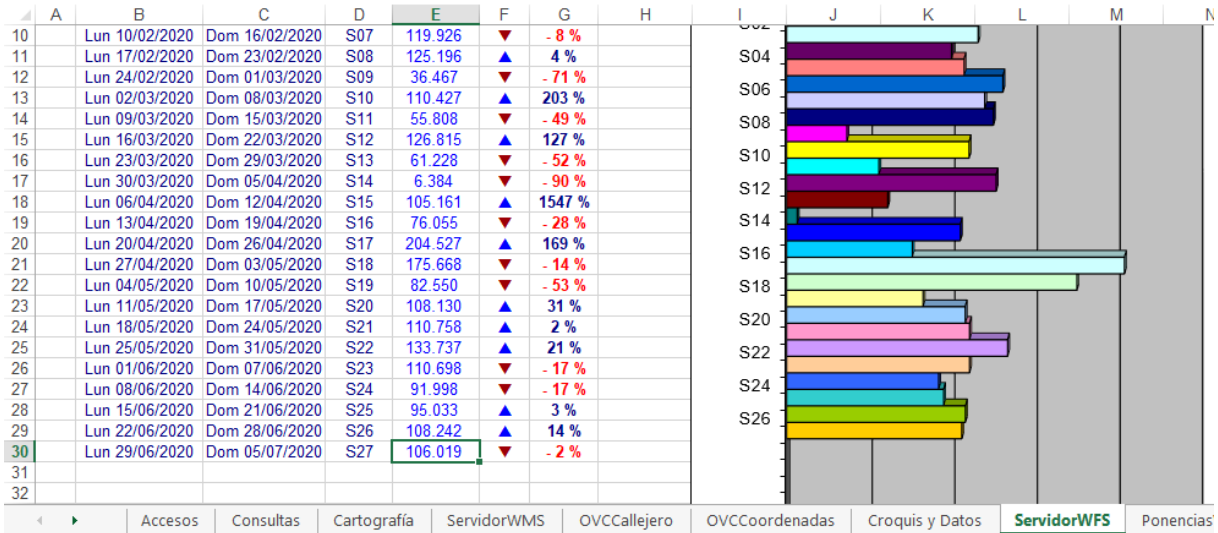
Serving **daily 1.1 million consultations and almost 21.000 certificates**
Enabling **maps downloads** at a rate of over **180 Millions per year**

TOTALLY FREE OF CHARGE

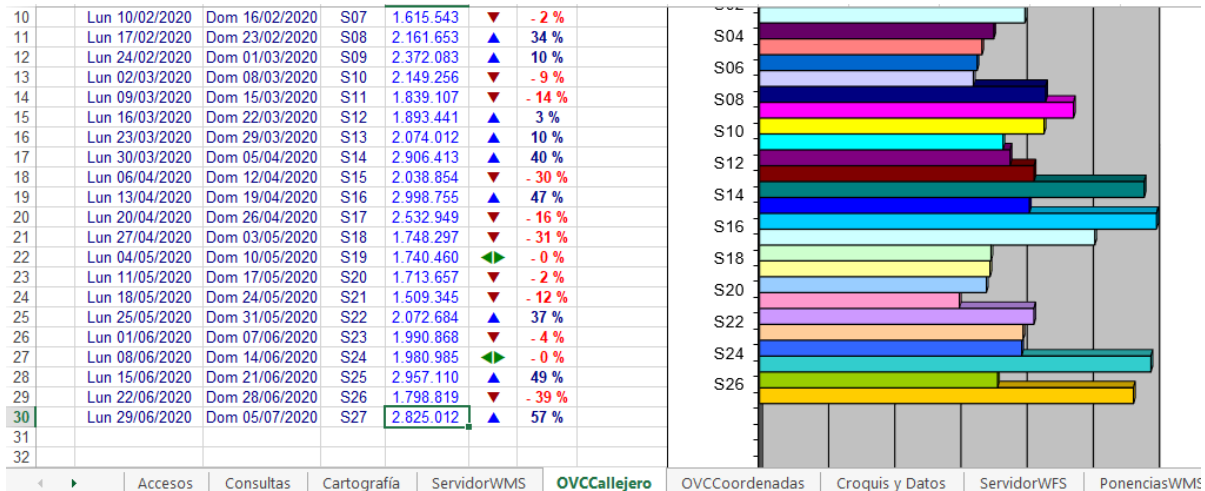
- ✓ For citizens with the limitations established by data protection legislation,
- ✓ This dissemination regime allows additionally to the different public administrations to have privileged access to protected data, such as the cadastral value or the owner of the property, within the competitive scope of each of them.

SDGC supporting Government during COVID-19.

WFS

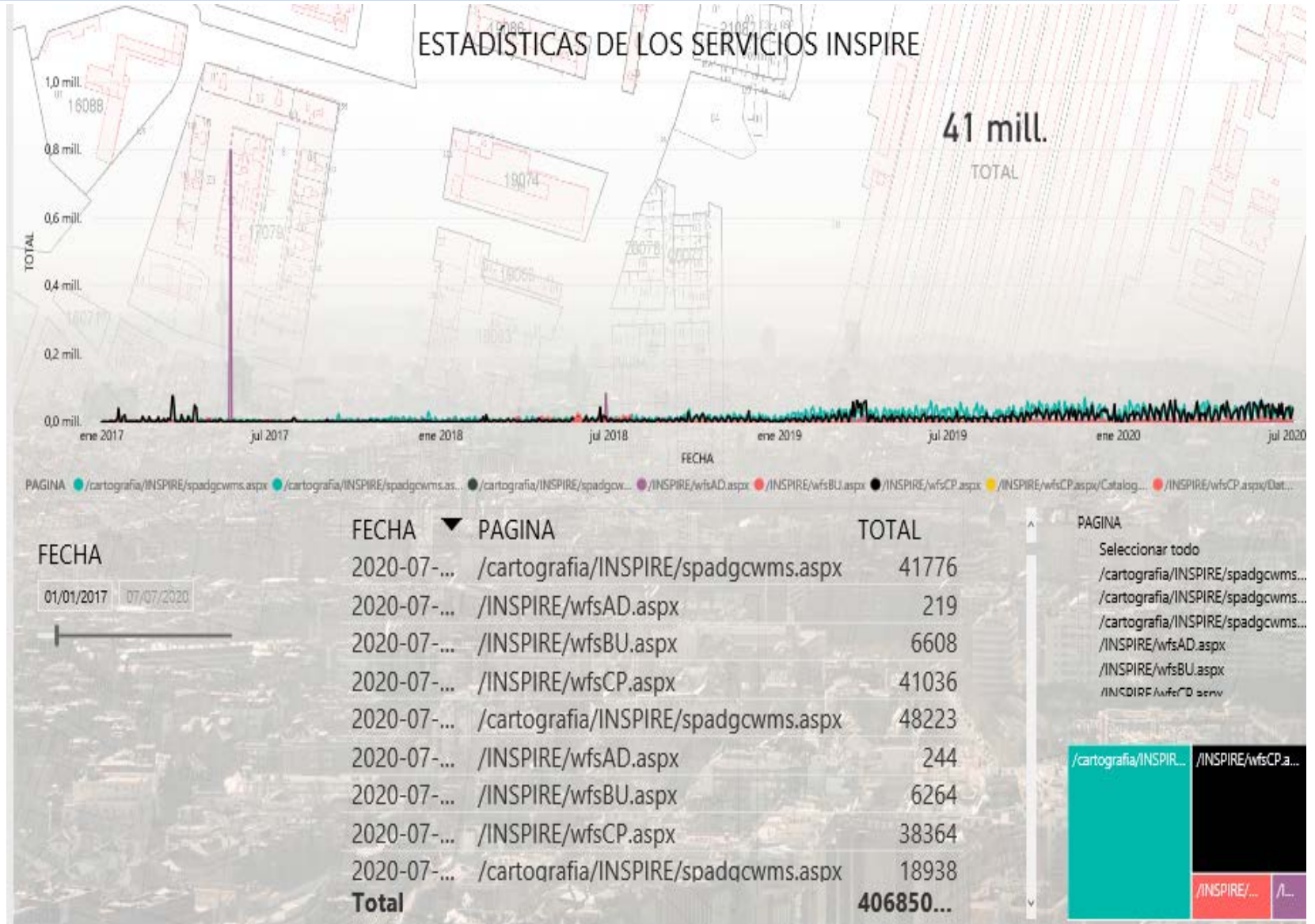


Addresses –coordinates





SDGC supporting Government during COVID-19.



SDGC supporting Government during COVID-19.

Spain's SDI has created a platform with resources by region and most of them use cadastral data as addresses or buildings

The screenshot shows the website 'Infraestructura de Datos Espaciales de España' (Spanish Spatial Data Infrastructure). The header includes the Spanish coat of arms and the text 'GOBIERNO DE ESPAÑA MINISTERIO DE HACIENDA SECRETARÍA DE ESTADO DE HACIENDA DIRECCIÓN GENERAL DEL CATASTRO'. The main navigation bar contains 'Inicio', 'IDE de España', 'INSPIRE en España', 'Directorio de Servicios', and 'Recursos'. The page title is 'Recursos abiertos sobre la COVID-19'. The main content area contains the following text:

Debido al alcance y gravedad de la pandemia de COVID-19 y la gran importancia de las infraestructuras de datos espaciales en la gestión de esta crisis, es clave facilitar el acceso ahora más que nunca a todos los recursos que puedan ser de utilidad para los usuarios y para facilitar la toma de decisiones.

A continuación se muestra una lista de recursos que se han publicado desde distintas administraciones y organismos internacionales.

Para notificaciones de desarrollos nuevos u otros recursos que creáis que deban incluirse en esta lista, agradeceríamos nos lo comunicases a través del correo idee@fomento.es

The page lists several regions with expandable buttons:

- Andalucía +
- Aragón +
- Illes Balears +
- Canarias +
- Castilla y León +



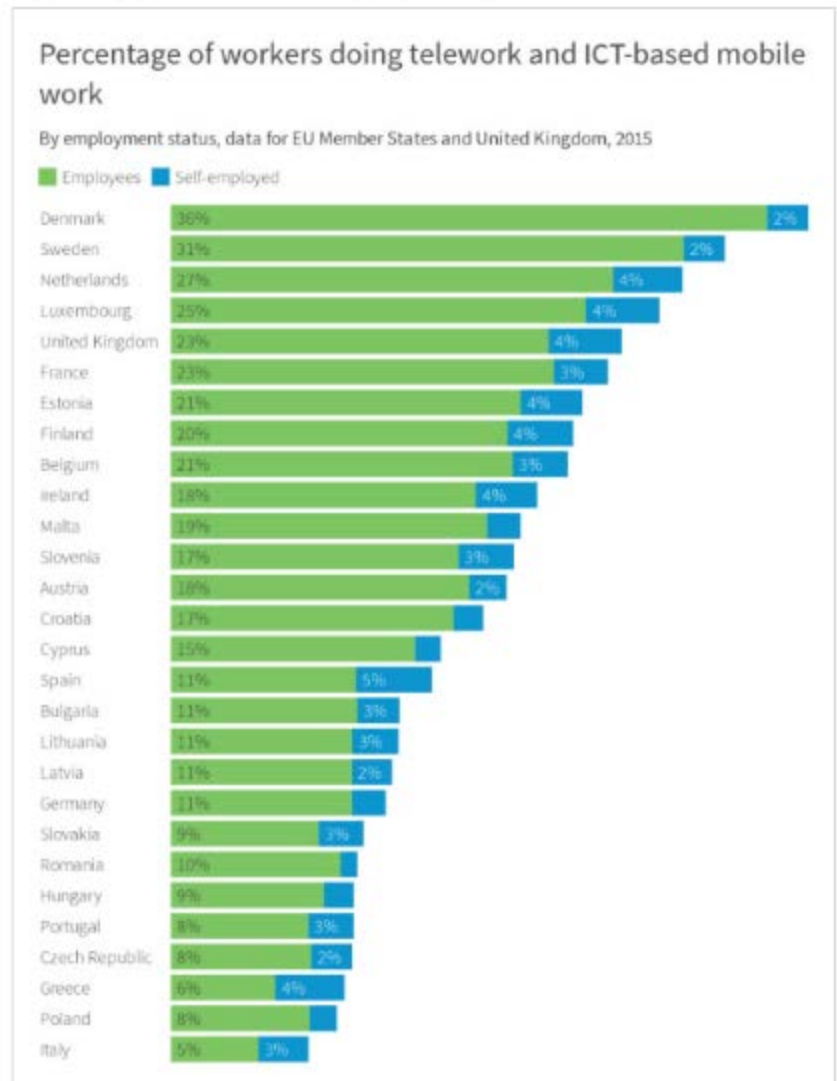
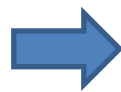
- **SDGC supporting Government during COVID-19.**
- **SDGC contingency response to the pandemic.**
- **SDGC supporting Government post COVID-19.**

SDGC contingency response to the pandemic

With the escalation of the pandemic crisis we have had to implement contingency and business continuity plans as a result of lockdown measures, including implementing very quickly working from home arrangements.

Spain, a 'chair warmer' country

In Spain telework was very little implanted in the public administration, with figures lower than the European average and very far from the Nordic countries.





SDGC contingency response to the pandemic

COVID-19: experience with telework in confinement in Spain 2020

After the declaration of the state of alarm on March 14, 2020 due to COVID-19, Spain population was eight weeks confined to their homes.

But staying home did not necessarily mean stop working. On the contrary, according to a study carried out 40% of those surveyed had the option of being able to telework . Of these, more than 50% rated the experience as good or very good and gave it a score of 7 or more points.



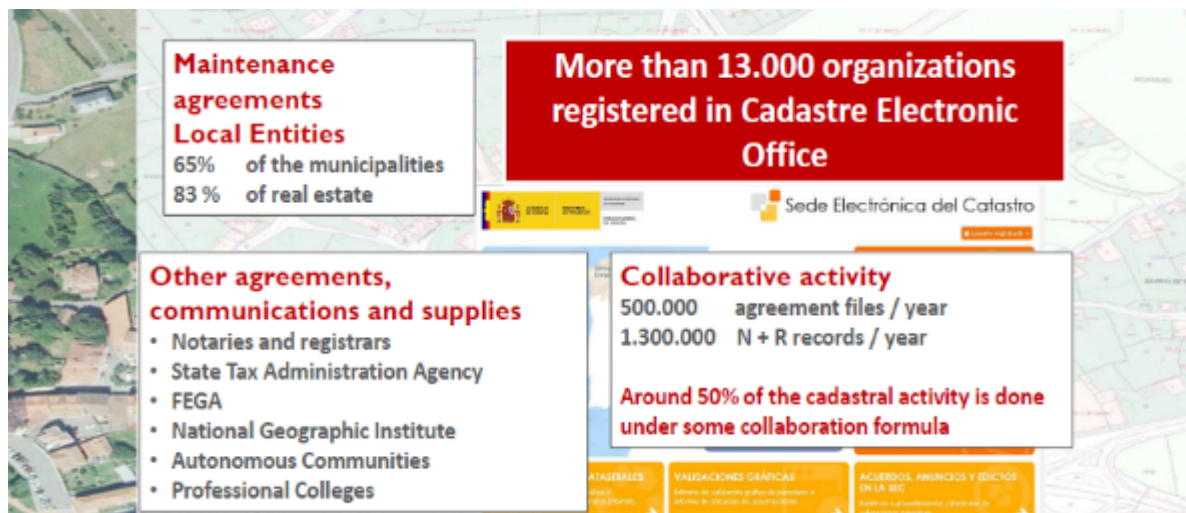
teleworking shepherd dog




SDGC contingency response to the pandemic

The Spanish cadastre, within the Spanish public administration, already had special conditions to be able to telework.


- The technology was ready,
- and many collaborators already worked with us using our tools and platforms from their own organizations



but NEVER in the Spanish cadastre the majority of its workers themselves had teleworked



Users: citizens
and public
administrations



Workers:
employees and
collaborators

The SDGC has maintained fully operational the Cadastre's Electronic Office, which allows citizens to carry out the cadastral administrative procedures through digital services.

The SDGC has maintained an important level of service thanks to

- the availability of tools to remotely respond to existing demand and
- the **enablement of sufficient telework media** so that employees (2.228) and the collaborators could serve all the demand from their homes and only field works has been suspended.



SDGC contingency response to the pandemic

63 Territorial offices

2.228 Public employees

Sede Electrónica del Catastro

Inicio registrado

DESTACADOS
 Vídeos de parcelas catastrales (Claro Simplex)
 Informe validación gráfica a través del visualizador de declaraciones catastrales

MI CATASTRO
 Invoices Expensas Notificaciones

TRÁMITES ANTE CATASTRO
 Inscripciones, Reclamaciones, Certificados y fotocopia de expedientes

DIFUSIÓN DE DATOS CATASTRALES
 Descarga de información cartográfica e información, servicios web, formatos SIG, datos estadísticos

VALIDACIONES GRÁFICAS
 Sistema de validación gráfica de parcelas e informe de ubicación de construcciones

ACUERDOS, ANUNCIOS Y EDICTOS EN LA SEC
 Noticias y procedimientos catastrales de extranjería electrónica

Normativa reguladora
 Firma electrónica (firmas admitidas)
 Sistema de verificación de la Sede
 Política de privacidad
 Accesibilidad

Registro en la SEC
 Acceso a información de inmuebles de un Estado
 Verificación de interrupciones de servicio
 Calendario, fecha y hora oficial
 Mapa web

Gole de Servicios de la SEC
 Estadísticas de acceso
 Enlaces de interés

Activity

5.000.000 changes / year
 3.700.000 files / year
 1.500.000 phone inquires/year
 21.000 certificates / day
 1.100.000 downloads / day

The incorporation of data to the cadastre can be done by several procedures, depending on the type of real estate, and also depending of act or business that cause the change of data.

Compulsory declarations from titleholders that they are directly declared in our offices or by internet. providing the documentation required for each case

- With this information, the DGC or the collaborators (municipalities) update the database.

Communications of the collaborators in cadastral updating, mainly 4500 local authorities, 2900 notaries and 900 property registrars and other public institutions that act over the territory. For example expropriations, land consolidation and acts of planning and urban management etc....they are obligate to provide the data in the same conditions.

Inspection Works and other proceedings (as regularization proceeding to include new buildings, extensions and reforms) done by Cadastre own initiative and normally contracting technicians to do the field work.

General works, with the assistance of private firms, under technical specifications and controls.

In covid time ?





SDGC contingency response to the pandemic

We were ready because in recent years we had already improved the online declaration system

2. New regulation 2018 (Order HAC/1293/2018, of 19 November, approving the model for the declaration of cadastral alterations).

2.a. Objectives

- *Make it easy for the Citizen to declare*
- *Preferred declaration through the Internet*
- *Involve partners in the processing*





SDGC contingency response to the pandemic



The assistant for electronic filing and delivery of cadastral declarations

Sede Electrónica del Catastro

Assistant for cadastral declarations of alterations of real estate (Model 000)

With this assistant you can prepare cadastral declarations (model 000) and present them electronically authenticating with one of the identification systems initiated before or generate the corresponding declarations, which must be presented to the General Management or collaborating entities or to the places indicated in article 28.1 of Royal Decree 41/2004, of April 7.

0- IS THE ALTERATION I WANT TO INFORM IS ALREADY PROCESSED IN CATASTRO?

1- INFORMANT IDENTIFICATION

Overse: Tania, Ins. Tania (00004)

2- DECLARATION DATA

Click the alteration you want to declare. For each type of alteration, you will select the affected buildings and the dimensions that supports it.

DISSEMINATION OF CADASTRAL DATA
Dissemination of cadastral data and cadastral maps, information and statistics. Strategic services: cadastral data.

GRAPHIC VALIDATIONS
Cadastral maps, graphic validation report and cadastral validation report.

AGREEMENTS, ANNOUNCEMENTS AND EDICTS IN THE SEC
Generating validation procedures for collective operations.

Communication Assistant CITIZEN CADASTRE
This tool will help you channel communication with the Cadastre according to your needs.

Regulatory texts
Electronic systems (1) map electronic verification system of the site
Privacy policy
Accessibility

Regulation in the SEC
Access to real estate information of a particular building service (1) cadastral data and documents
Web map

Service Guide of the General Director of the Directorate of access
Links of interest

Trusted *
Click on "Trusted" services to identify us to make our participation in Transactions the double by registration of electronic administration.

Enter related address (not price)

Select type of alteration

Number of related references

Document created on: 16/06/2020

From: CDT

Click on the attached documents



SDGC contingency response to the pandemic

The incorporation of physical changes of the parcels in the the cadastre can be done by several ways, and by several experts (topographers, engineers, architects..., notaries, land registrars..) depending on the type of real estate, and also depending of act or business that cause the change of data.

They must provide information with the technical conditions defined by the cadastre that verifies that the graphical and literal information is correct.

In 2019 the physical characteristics of 1.300.000 cadastral parcels were modified in the cadastre (parcel delimitation, modification, creation). **Not all of them had to be survey in the field. (in fact few of them had the necessity,** the system has many other tools to update cadastral parcels).

It is not obligatory to mark the division in the land. The agreement to divide and the boundaries are decided by seller and buyer



SDGC contingency response to the pandemic

Any modification of the physical characteristics of the cadastral parcels must be done taking as reference the digital continuous Cadastral Cartography, that it is the unique geographic representation of the cadastral parcels.

In the Spanish cadastre all information and services are free of charge and the DGC provides this minimum cartography of all the territory. If someone wants to improve the quality of the cadastral representation can provide more accuracy representation but always with the conformity of the neighbours.





SDGC contingency response to the pandemic

The validation report

It's the main product of the graphic assistant. Allows to compare graphic documentation with cadastral cartography

INFORME DE VALIDACIÓN GRÁFICA
GIV

Nueva parcelación

Fuente: TIR 000 Municipio: MUNICIPIO DE SAN VICENTE

ESCALA 1:500

An automatic validation is carried out consisting of different checks: delivery format, scheme validation of cadastral parcel, attribute value syntax, and geometric verification of the information delivered against the existing cadastral information.



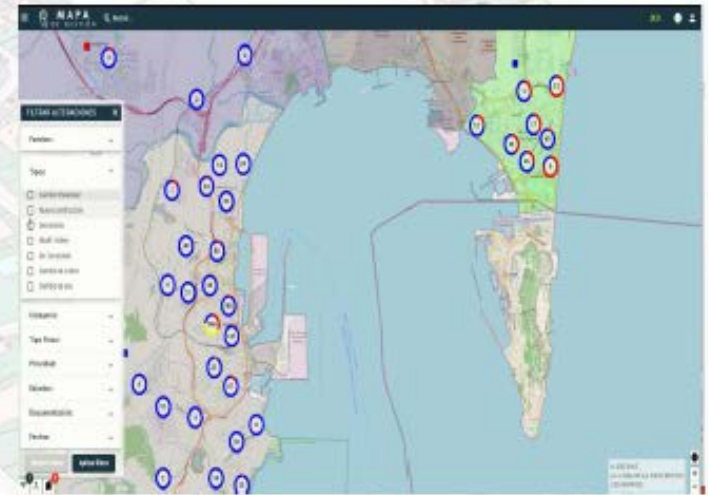
SDGC contingency response to the pandemic

Also has been very useful to collaborators the Dash board to follow the management development



The management map

- It's a tool that shows on the cadastral cartography information about facts or businesses on real estate
- The information on management map comes from Public Administration and notaries



SDGC contingency response to the pandemic



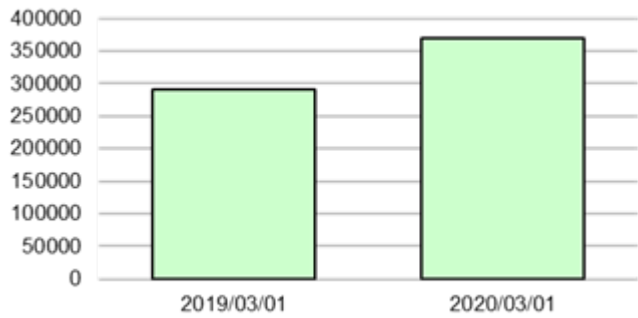
SDCG has had also at full capacity the Cadastral Hotline, a telephone service for the formulation of consultations, this channel was completed with the possibility of carrying consultations and queries also through electronic channels.

CADASTRAL CERTIFICATES

March 536.756
 April 287.847
 May 448.153
 June 663.892



DOWN-LOAD



WMS, WFS, INSPIRE services CP, BU, AD, coordinates, addresses-coordinates, valuating áreas, many other graphic and textual bulk information.



SDGC contingency response to the pandemic

In addition, and within the framework of the general measures approved by the Government, the administrative deadlines for the attention of the obligations to be fulfilled by citizens to the cadastre have been extended.



- declaration deadlines.
- responses to requirements
- delivery of documents
- Etc...



SDGC contingency response to the pandemic

We had the services and applications already underway because they were the ones our collaborators worked with.

But we have had to give ALL the staff of the Directorate General for Catastro the possible to work remotely through the VPN Forcepoint



Our staff has had to use, in many cases, their own computer and their own internet access



SDGC contingency response to the pandemic

We have had to change the way we work by trying to :

- Optimize work processes between remote workers.
- Making sure communications and other processes are consistent
- Establishing collaboration tools.
- Establishing a reporting and control system.
- Adapting performance evaluations

SDGC contingency response to the pandemic

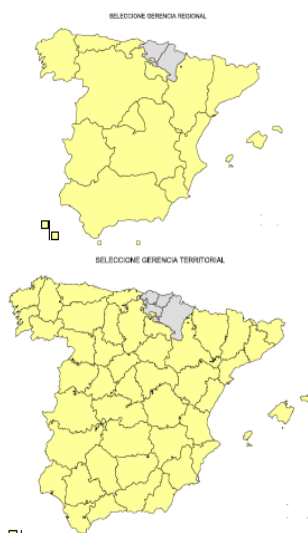
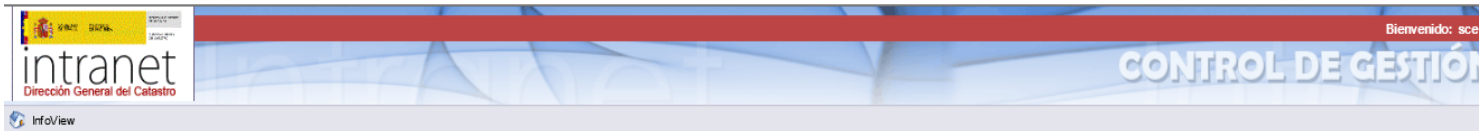
By using cadastre workers and collaborators during telework the same applications as under normal conditions, monitoring and control of work carried out during the pandemic was similar to normal periods



and we have been able to quantify also the level of achievement of objectives set out in the annual plan for each task

SDGC contingency response to the pandemic

We use a combination of IT application modules to monitoring and control the work done by each of our workers and also collaborators



Documentos | Ver | Insertar | Buscar | Deshacer | Rehacer | Zoom: 100% | Actualizar datos

2020
TOTAL CATASTRO
 Objetivo mes curso: 45 %
 Actualización: 05/06/20

CUMPLIMIENTO DE OBJETIVOS ... 57,09%

| OBJETIVO OPERATIVO | INDICADORES | | RESULTADOS | | | | |
|--|-------------|---|------------|---------|--------|---------|--------|
| | Concepto | Pond. | Val. Asig. | Valor | % Rel. | % Abs. | F |
| ACTUACIONES DE ASISTENCIA A USUARIOS DE CATASTRO (20 % + 1 %) | | | | | | | 25,66% |
| SERVICIO A USUARIOS | | | | | | | |
| Usuarios (+/- 5 %) | 1 | Presentación telemática | 0 % | 92.355 | 50.423 | -45,40% | 0,00% |
| | 2 | Notificación electrónica | 0 % | 47,58 % | 43,30% | -9,01% | 0,00% |
| | 3 | Nº certifi. em it. y Nº descargas realiz. | 1 % | | | | 1,25% |
| Totales | | | | | | | 1,25% |
| ACTUALIZACIÓN GESTIÓN CATASTRAL | | | | | | | |
| Eficacia en tramitación (25%) | 4 | 900D (titularidad) | 2 % | 74.925 | 40.760 | -45,60% | 2,00% |
| | 5 | 900D (obras nuevas, ampliación, rehab.) | 2 % | 10.445 | 8.735 | -16,37% | 2,00% |
| | 6 | 900D (segregación, agrupación...) | 2 % | 11.944 | 10.537 | -11,78% | 2,36% |
| | 7 | 900D (cambio cultivo, uso,...) | 2 % | 3.538 | 3.477 | -1,72% | 0,34% |
| | 8 | Recursos | 3 % | 24.068 | 14.843 | -38,33% | 3,75% |
| | 9 | Subsanaciones y correcciones | 3 % | 80.600 | 64.319 | -20,20% | 3,75% |
| | 10 | Fedatarios | 3 % | 27.262 | 12.294 | -54,90% | 3,75% |
| | 11 | Solicitudes e informes | 2 % | 8.252 | 4.693 | -43,13% | 2,50% |
| | 12 | CDIS. REGI | 3 % | 9.595 | 6.939 | -27,68% | 3,75% |

Control of the the time between the date of registration and the date of resolution.

Looking forward the effectiveness



SDGC contingency response to the pandemic



S.I.E.C.E. (Efficiency Indicators System)

Provincial Offices of the Ministry of Finance and Civil Service

METHODOLOGY¹

Description of elements used in formulae

PROVINCIAL OFFICE i ; $i = 1, 2, \dots, N$

SERVICE a ; $a = 1, 2, \dots$

TASK j ; $j = 1, 2, \dots$

SUB-GROUPS OF EMPLOYEES g ; $g = A1, A2, C1, C2$.

CIVIL SERVANTS F

CONTRACT STAFF L

Baseline data

The Inspection General, as main coordinator of the system, conducts initial research involving the valuation of tasks performed by the operational units (Services in Provincial Offices of Ministry).

Average monthly wage of an employee of sub-group g : C_g , $g = A1, A2, C1, C2$.

Standard Unit: *Valuation Point*. **1 Valuation Point** is equivalent to the amount of work performed by a civil servant of sub-group $C2$ during one minute.

Weight coefficients to homogenize all the wages with reference to those of sub-group $C2$ of employees: $W_g = \frac{C_g}{C_{C2}}$. That is to say that 1 minute of an employee of sub-group g has a value of W_g points.

Number of minutes spent by employees of sub-group g performing task j of Service a : $M_{i,a}^g$



SDGC contingency response to the pandemic

Telework: almost as productive as ever!!!!

| REGISTRADOS | | | FINISHED | | | | | |
|-------------|---------|-------|----------|-----------|---------|-----------|--------|-----------|
| 2019 | 2020 | % | 2019 | | 2020 | | % | |
| | | | < EJEC | EJERC ACT | < EJEC | EJERC ACT | < EJEC | EJERC ACT |
| 649.252 | 426.457 | 65,68 | 123.646 | 561.763 | 136.933 | 394.229 | 110,75 | 70,18 |

| PENDING | | | | | | PUNTOS SIECE | | |
|---------|-----------|---------|-----------|--------|-----------|--------------|-------------|-------|
| 2019 | | 2020 | | % | | 2019 | 2020 | % |
| < EJEC | EJERC ACT | < EJEC | EJERC ACT | < EJEC | EJERC ACT | | | |
| 167.744 | 208.553 | 115.239 | 148.707 | 68,70 | 71,30 | 130.566.789 | 115.038.753 | 88,11 |

- during these 3 months compared to the same period last year:
 - we have had a 65.68% record of new files
 - We have finished 10.75% more
 - We have left fewer pending records



SDGC contingency response to the pandemic

As far as extraordinary activity is concerned the results are highly satisfactory as it has allowed

- Deepen in tasks aimed at strengthening the organization's capabilities and formulating improvement initiatives for the future or developing procedure manuals.
- The result of the work carried out is contained in 2,476 documents, proposals for improvement.
- A team of evaluators consisting of 8 managers of the Catastro, coordinated by the central unit, have analyzed all the documentation provided, resulting from their work the selection of 26 preferred initiatives and 42 additional initiatives to implement as measures of improvement in the organization

it is an exceptional result of the working model developed during the alarm state that, from an absolutely participatory approach, results in a critical analysis of the whole organization capable of contributing decisively to better defining its future.



- **SDGC supporting Government during COVID-19.**

- **SDGC contingency response to the pandemic.**

- **SDGC supporting Government post COVID-19.**

SDGC supporting Government post COVID-19.

Measures for gradually joining the new normal.

Measures to combine telework with face-to-face work.

Measures to reduce the public in offices.

Use of cadastral data for government measures to revive the economy.

Impact of the expected decline in real estate market values in the cadastral valuation, main activity of the Spanish Cadastre

Measures for gradually joining the new normal.

For workers returning to the office.




Intranet
 DIRECCIÓN • SECRETARÍA GENERAL • VALORACIÓN • PROCEDIMIENTOS • INFORMÁTICA • INTRANET LOCAL
 Inicio / Inicio de Acceso / Inicio de Acceso / Actuaciones y medidas COVID-19
Actuaciones y medidas COVID-19 de la DGC
Documentos
 • TRÉPTICO-VISITAS COVID en la DGC
 • ACTUACIONES Y MEDIDAS EN EL CENTRO DE TRABAJO DE LOS SECC DE LA DGC DEL CATASTRO

For citizens visiting our offices



Le damos la bienvenida a esta Gerencia del Catastro. Por su seguridad y la del personal de esta oficina durante las fases de desescalada, se informa que:


RÉGIMEN DE ATENCIÓN AL PÚBLICO

- 
 - ☑ Solo se atenderá con cita previa.
 - ☑ No está permitido el acceso al edificio hasta 15 minutos antes de la hora de su cita.
 - ☑ Sólo podrán acceder dos personas por cada cita.

Puede concertar su cita a través de la Sede Electrónica del Catastro

www.sedecatastro.gob.es
 o llamando a los teléfonos
913 874 550 902 373 635

- 
 - ☑ Al acceder a la oficina, diríjase al puesto de control de acceso donde se le informará de las medidas necesarias para ser atendido y se le facilitará el número correspondiente a su cita.
- 
 - ☑ Por favor, respete las zonas habilitadas durante el tiempo de espera así como en el puesto de atención, manteniendo las medidas recomendadas de higiene y distanciamiento social.


GOBIERNO DE ESPAÑA
MINISTERIO DE HACIENDA
 SECRETARÍA DE ESTADO DE HACIENDA
 DIRECCIÓN GENERAL DEL CATASTRO

#ESTE VIRUS
LO PARAMOS UNIDOS



Measures to combine telework with face-to-face work.

Breaking

The officials will be able to telework four days to take care of minors and dependents

By · June 18, 2020 · 121 · 0



That it is an **agreement “pioneer”** in the organization of work in Spain, as well as on the reconciliation of work and family life, which will have its continuation in the future regulation of teleworking, which will start trading in July



Measures to reduce the public in offices.

Mandatory concerted appointment

Introduction of new technological tools such as the assistant for arranging a pre-appointment through electronic office and and combine it with the telework of cadastre staff.

The infographic features a background map of a city. At the top, it includes the Spanish flag and the text: GOBIERNO DE ESPAÑA, MINISTERIO DE HACIENDA, SECRETARÍA DE ESTADO DE HACIENDA, and DIRECCIÓN GENERAL DEL CATASTRO.

*Para ser atendido en cualquier gerencia del Catastro necesita solicitar una **CITA PREVIA**, lo que le permitirá de manera presencial solicitar información, presentar documentos o recoger notificaciones; servicios a los que también puede acceder a través de la **Sede Electrónica del Catastro**.*

¿Cómo puede concertar Cita Previa?

SEDE ELECTRÓNICA DEL CATASTRO
www.sedecatastro.gob.es

LÍNEA DIRECTA DEL CATASTRO

91 387 45 50
902 37 36 35



Use of cadastral data for government measures to revive the economy

Spain: Economic and social measures (COVID-19)

April 7, 2020

Royal Decree-Law 11/2020 (31 March 2020) introduces certain supplementary economic and social measures that are in response to issues resulting from the coronavirus (COVID-19) pandemic.

Cadastral data are used in many of the measures put in place for post-covid economic recovery, such as the reference value for the selection of people who may receive the newly approved living minimum wage



Impact of the expected decline in real estate market values in the cadastral valuation, main activity of the Spanish Cadastre

idealista/news

El precio de la vivienda usada cae un 6,1% de abril a junio, la mayor caída en idealista

the price of used housing falls by 6.1% from April to May. the biggest fall ever

The forecast is that these lowering prices will continue this year until the start of 2021 at least, although everything will depend on how the health crisis evolves (with the possibility of more coronavirus outbreaks and the fact that a vaccine will take time to arrive), as well as how the economy responds in the coming months.



Cadastral Values: Reference for Spanish Public Administration.

The cadastral value is an administrative value, and it is the basis for or it is taken as a reference in relation to certain actions of the Public Administrations:

From a tax view:

- Recurrent Property Tax,*
- Income Tax,*
- Wealth Tax*
- Tax on the Increase in Value of Urban Land,*
- others.*

From a non-tax view:

- expropriation,*
- urban assessments,*
- certain types of aids,*
- scholarships and grants, etc.*

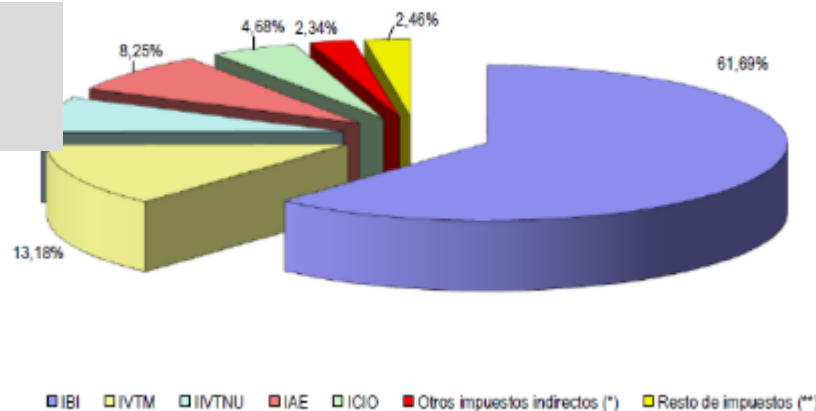


64% of local fiscal income

RECURRENT real estate tax is the main income of the Spanish municipalities,

14.800 millions € aprox. 2018

14.750.899.759 €



“While no one could have predicted the scale and speed with which COVID-19 made the entire world come to a standstill, what we can do is better prepare for future disruptions. And technology again will play an essential part in that.”

Time magazine

We can say that the Spanish cadastre is ready for a new pandemic.....
God forbid!!!

Thanks for your attention