

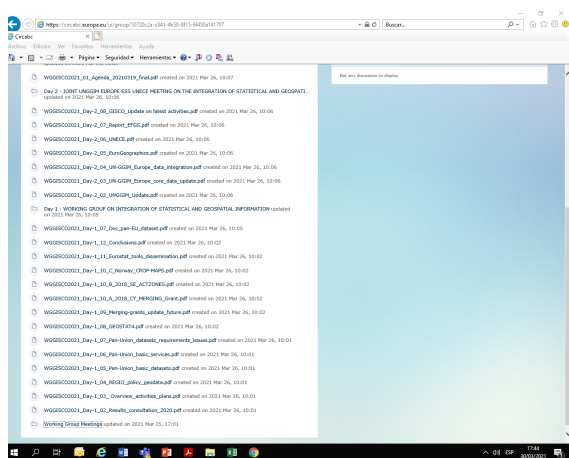
JOINT UN-GGIM: EUROPE – ESS - UNECE MEETING ON THE INTEGRATION OF STATISTICAL AND GEOSPATIAL INFORMATION

Los pasados 23 y 24 de Marzo de 2021 se celebró on-line desde Luxemburgo la reunión anual del grupo de Eurostat conjunto de Estadísticas y datos catastrales y geográficos.

La Agenda la adjunto a este documento.

Participamos todos los países Europeos con un representante de INE, IGN y Catastro; además de distintos departamentos de la comisión y Pan European umbrella organisations como EuroGeographics, EUROGI, ESPON que participan cómo observadores.

Las presentaciones están en el area privada de Eurostat, pero si os interesan os las puedo descargar yo



Hubo presentaciones de los miembros de Eurostat, otras de las instituciones de los países sobre los avances de los proyectos Geostat, también de las aplicaciones y servicios que Eurostat está creando para toda la Comisión, de los grupos de trabajo de Naciones Unidas GGIM y UNECE y de EuroGeographics.

A destacar:

Dentro de los datos que la comisión considera prioritarios: edificios, parcelas catastrales y direcciones son los primeros de la lista



Los datos deben cumplir una serie de requisitos, que una vez que podamos ofrecer los datos de los vascos y navarros, en general cumplimos

General Requirements for data themes

- Unique and persistent identifier
- full geographic extent of the territory
- at the scale ~1: 5000-10.000
- update frequency (incremental) should be once a year or better
- INSPIRE mechanism of life-cycle attributes and versioning.

IN, AG, QA, DI

European Commission

Hannes Reuter explicó el procedimiento que están siguiendo para crear la base de datos de direcciones

Status Address Database (I)

- Objective: Allow any European Commission service to locate an address based on authoritative information
- Create a pan European Database by ingesting authoritative data from MS; feedback loops with MS Organisations.
- Reference date from daily to 10 year old data...
- API/GUI developed for structured search/reverse geocoding

Participants (90): amalia, ESTAT E4 WEBEX, Henrik Steen Andersen, EU-ESTAT Márta NAGY, EU-ESTAT-Hannes Reuter, EU-ESTAT Cristian Fetic, EU-ESTAT-Jane SCHOFIELD, AL_INSTAT_Neshmije Legni, Aldina Piedade, AT NSI Nina Hofer, AT_NSI_Ingrid Kaminger, BE_NSI_Hadewych De Sadeleer, BE_NSI_Pierre Jamagne, BE-NMA-Nathalie Delattre

Y explicó cómo los países pueden contribuir mejorando el acceso, la armonización y la interoperabilidad

How can Member States contribute?

- Enhance Quality beyond INSPIRE requirements: scale, thematic coverage, temporal coherence, cross theme correspondence (Parcel,BD,AD,AU,SU);
- Favourable Access and use conditions: open data, reasonable fees and rights to re-disseminate;
- Increase Reactivity: speed at which new data requirements from EU services can be met (INSPIRE/UNGGIM:Europe);
- Better Harmonisation: differences in the implementation and interpretation of INSPIRE make the compilation of pan-EU products difficult without further harmonisation work;
- Ensure Availability of download services as-is and up to date services.

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Explicó también los problemas a los que se enfrentan

The screenshot shows a Cisco Webex meeting interface. The main content is a slide titled "Issues observed" with the following bullet points:

- Metadata:
 - Datasets exists but are not documented - Hard to find outside organisation
 - Data exists locally by not centrally – Hard to find without country knowledge
- Data
 - INSPIRE allowed us to request and easily ingest data into GISCO INSPIRE Database Schema – many countries missing
 - Various scales/ Data is outdated / several repositories of the same dataset – Who is the Master ?
 - Formats INSPIRE+OpenData – Richness and timeliness of data
 - Data is not complete, no cross checking across datasets
 - Member states welcomed feedback on issues observed
 - Restrictive Licence / Access restrictions

The slide also features a map of Europe with yellow arrows pointing to various countries. The meeting interface includes a participant list on the right with 90 participants, a search bar, and a bottom toolbar with options like "Desactivar silencio", "Iniciar vídeo", and "Compartir".

Y concluyó resaltando la importancia de trabajar juntos.

The screenshot shows a Cisco Webex meeting interface. The main content is a slide titled "Conclusions" with the following bullet points:

- The Commission's priority geospatial data needs are coherent with the international geospatial data needs
- Various stages of implementation for the core reference themes
- We need data for internal EC work first (pan-European datasets, spatial analysis) and we will also work for you (access to data, analysis, tools, feedback)
- We are on a journey together....

The slide also features a map of Europe. The meeting interface includes a participant list on the right with 91 participants, a search bar, and a bottom toolbar with options like "Desactivar silencio", "Iniciar vídeo", and "Compartir".

Pusieron bastantes ejemplos de Servicios creados a partir de combinar datos catastrales-geográficos con estadísticos.

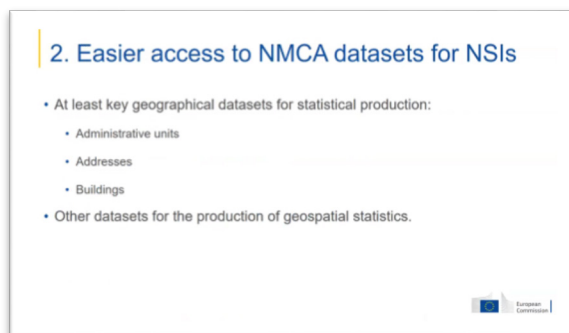
Por ejemplo servicios para estudiar acceso de la población a sanidad, colegios etc...

The slide is titled "GISCO geographical data provision - Current" and lists "The GISCO database + external data providers (EuroGeographics, etc.)". It includes several small maps and icons representing different data types:

- NUTS
- Municipalities
- EEZ
- Land cover
- Water bodies and rivers
- Euro Regional Map (Eurogeographics)
- Settlements
- Urban regions

The slide also features the "Etc." logo and the European Commission logo at the bottom.

Actualmente lo están llevando a cabo con los datos tal y como están, pero como ya he dicho, encuentran muchos problemas. Y vuelven a recalcar la importancia de que los países les den acceso a los datos de los edificios y las direcciones

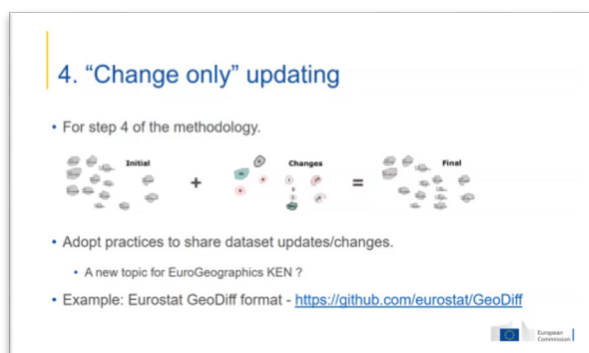


2. Easier access to NMCA datasets for NSIs

- At least key geographical datasets for statistical production:
 - Administrative units
 - Addresses
 - Buildings
- Other datasets for the production of geospatial statistics.

European Commission

Necesitan crear mecanismos con los catastros para intercambiar solo los datos que se actualizan



4. "Change only" updating

- For step 4 of the methodology.

Initial + Changes = Final

- Adopt practices to share dataset updates/changes.
 - A new topic for EuroGeographics KEN ?
- Example: Eurostat GeoDiff format - <https://github.com/eurostat/GeoDiff>

European Commission

Para todo esto ponen a nuestra disposición financiación a través de los proyectos GEOSTAT que se convocan cada año.



Por eso vuelven a recomendar encarecidamente que los Catastros e IGNs contacten con los Institutos de Estadística para que soliciten la inclusión de estas instituciones en el listado de productores de datos estadísticos, con el propósito principal, entre otros, de poder acceder a los fondos comunitarios y a los proyectos de unión de datos y estandarización que se están realizando.


Varios países presentaron sus casos de éxito, como Finlandia, Alemania o Bélgica y se presentaron los avances del proyecto paneuropeo actualmente en marcha: GEOSTAT4, que funciona desde 2019, volcado en linked data y table joint services.

La mayoría de los países participan en estos proyectos, sin embargo nuestro INE nunca ha querido participar y se está quedando atrás.

Explicaron los proyectos concedidos en 2020 como

2020-FI-GEOS - GSDIG

Statistics Finland  

- GSDIG service is an indexing-based process to reuse location data of the original unit record data, usually buildings or cadastral parcels, and geographies from SDI through **persistent identifiers** (or address matching as extension), that provides an integrated geocoding system and data supply with further **aggregation capabilities**. It also enables to integrate statistical data with any domain in areal subdivisions; grids, standard or user modified geographies.
- A metadata-driven application for statistical data exploration will pilot the use of additional metadata concerning statistical and spatial data in automating and enhancing the user experience.
- **The eventual goal is to elaborate a multilateral geospatial-statistical ecosystem to increase the impact of geospatial and statistical**  European |

Utilización de indicadores persistentes para agregar datos entre el INE finlandés y el Catastro de ese país

O “linking geocodes de Bélgica Que unen el registro de actividades económicas y el catastro

2020- BG –GEOS

Objective:

Establishing access to geospatial data through linking geocoded and statistical data to improve economic and environmental statistical data

Goals:

Coordination and partnership between NSI (National Statistical Institute) and Geodesy, Cartography and Cadaster Agency (GCCA)


Geocoding activities to link cadastral map layers and Business Statistic Register

Reporting on ecosystem accounts and environmental facilities - agricultural parcels (agricultural ecosystems), forest parcels (forest ecosystems), energy and waste facilities

 REPUBLIC OF BULGARIA NATIONAL STATISTICAL INSTITUTE  

También presentaron la nueva oferta de subvenciones, sus objetivos y presupuesto

- To support the integration of geospatial and statistical information during the statistical production process, taking into account the results from the GEOSTAT projects, the Global Statistical Geospatial Framework (GSGF) Europe framework and the Integrated Geospatial Information Framework (IGIF);
- To enhance the cooperation of National Statistical Institutes and National Mapping and Cadastral Agencies;
- To establish internal and external processes required for a continuous (semi) automated regular update of geospatial data for statistics especially and linking to unique national identifier systems;
- To provide evidence based data for policy support based on spatial and temporal distribution of statistics.



GEOSPATIAL STATISTICS

Budget: 1.000.000
Call ID: SMP-ESS-2021-GEOS-IBA/
SMP-ESS-2021-GEOS-REGIO

Activities:
geocoding infrastructure for production processes based on address, building and dwelling registers provided by NMCA or other authoritative sources.

Projects on the use of Earth Observation for statistics producing reusable solutions using Copernicus DIAS

Studies on the spatial distribution of statistical phenomena and the inherent causes (e.g. studies aiming at the creation and/or maintenance of grid-based data on workplace-based employment, education, healthcare using registers and/or other authoritative sources).

Development of geospatial information to be used with statistics for spatial analysis purposes under the condition that there is a clearly defined maintenance strategy and data policy towards open data;

Organisation of regional meetings/workshops of a limited number of neighboring countries NMCAs and NSIs based on content related to the integration of statistical and geospatial data and aiming to enhance the collaboration

Timetable and deadlines (indicative)

Call opening:	Pending FD
Deadline for submission:	12 08 2021 – 17:00:00 CET (Brussels)
Evaluation:	August-September 2021
Information on evaluation results:	October 2021
GA signature:	October -December 2021
Starting date:	January 2022

Visualisations only a limited add on..
MBG – work together



También se presentaron los trabajos de los grupos de UNGGIM:

El de Recomendaciones de contenido. En el que participó la DG cuando se hicieron hace 2 años los de Direcciones, Parcelas y Edificios y que ahora está volcado en otros temas

Y el de integración de datos estadísticos con catastrales y de IGNs.(UNGGIM-Data integration) Que continua preparando la documentación sobre métodos de integración de datos y utilización de nuestros datos en los indicadores de los objetivos de desarrollo sostenible, siguiendo el encargo de la comisión de datos geográficos de la Naciones Unidas.

La DGC participa solo en el de integración de datos ya que el catastro no forma parte de los grupos nacionales sobre indicadores

EuroGeographics presentó los avances en Open Maps Europe del que la DGC lidera la parte catastral

#OpenMapsForEurope

eurogeographics

- Free to use maps from more than 40 European countries
- Available from Summer 2021

Co-financed by the European Union
Connecting Europe Facility

Copyright © 2021 EuroGeographics www.eurogeographics.org

<http://www.eurocadastre.org/pdf/2020/germany2020ue/13%20Velasco%20-%20Cadastral%20Index%20Map.pdf>

Finalmente comentar que La Comisión quiere potenciar el trabajo de EuroGeographics. Con el objetivo de conseguir datos mas armonizados y accesibles y el Cadastral Index Map es protagonista principal.

The screenshot shows a Cisco Webex meeting interface. The main content is a presentation slide titled "10 Open Maps for Europe" and "Meeting EU objectives". The slide features a circular diagram with five interconnected goals:

- Making more data available
- Ensuring a level playing field for all re-users
- Improving re-usability of data from a technical perspective
- Reducing costs of data to increase its re-use
- Removes integration costs from users

The slide also includes the EuroGeographics logo and a note: "Co-financed by the European Union Connecting Europe Facility".

The meeting interface shows a list of participants (107) on the right, including:

- amalia yo
- ESTAT E4 WEBEX (Organizador)
- ORG-EuroGeographics...
- EU-ESTAT Márta...
- EU-ESTAT Cristian Fetic (Coorganizador)
- EU-ESTAT-Jane Schofield (Coorganizador)
- AL_INSTAT_Nexhmije Leçini
- Aldina Piedade
- AT NSI Nina Hofer
- AT_NSI_Ingrid Kaminger
- Aurelia Spataru
- BE_NSI_Pierre Jamagne
- BE-NMA-Nathalie Delattre

At the bottom of the meeting window, there are controls for "Desactivar silencio", "Iniciar vídeo", "Compartir", "Participantes", and "Chat". The system tray at the very bottom shows the time as 11:48 on 24/03/2021.