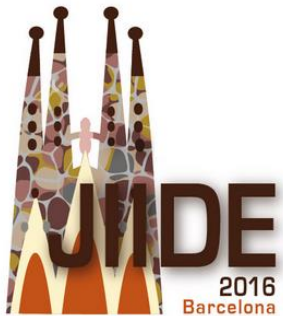


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2016-09-27/40

A New Data & Services Policy for the IGN Spain

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Palau de Congressos de Catalunya

- ❖ A new data and services policy for the IGN Spain
 - Open Data and Services with license interoperability
- ❖ Introduction
- ❖ Good reasons for open data & services
- ❖ Description of the new d&s IGN policy
- ❖ Impact
- ❖ Conclusions



- ❖ History of data policy at IGN Spain
- ❖ 1^a Phase (1989-2008)
 - Data with © and a list of fees
 - 90 % of discount for research
- ❖ 2^a Phase (2008-2015)
- ❖ Ministerial Order FOM/256/2008
 - 1) EGRN (open data): license ~ CC BY
 - Geodetic and Levelling points, Ad. Units, Gazetteers
 - 2) Rest of data products: license ~ CC BY-NC
 - 3) Commercial Licensing
 - Little percentage of annual benefits
 - Other compensation



- 1) We are producing public data with public resources
- 2) Positive economical impact (PIRA Report, 2000)
- 3) G8, G20, UN supports Open Data
 - *Open Data Charters*
- 4) To sell GI is not a good business any more
 - **2014: CNIG benefits (data) ~ 8 % (total budget)**
- 5) It allows to take advantage of VGI
- 6) It allows to compete in ~ conditions with other actors
- 7) Reference data are supposed to be open
- 8) It is a great social requirement



❖ Ministerial Order FOM/2807/2015

- IGN observations and CNIG products are excluded
- All the IGN digital data products and services are open
- Free download in Internet
- Digital copies and any additional process will have some marginal cost according to a published table
- Only condition: attribution and mention of data data
- Standard and implicit licenses

- For coproduced data products: the producers' agreement fix the rules



- ❖ At present, we have a **CC BY 4.0** compatible license
 - Attribution: «© Instituto Geográfico Nacional»

- ❖ Coproduced data

- «PNOA cedido por © Instituto Geográfico Nacional»
- LiDAR-PNOA, SIOSE, CartoCiudad

- ❖ See

http://www.ign.es/resources/licencia/Condiciones_licenciaUso_IGN.pdf



- ❖ New licensing: CC BY 4.0
- ❖ Attribution (see <http://www.scne.es/productos>)
 - IGN products
 - «BTN100 2015 CC BY 4.0 ign.es»
 - Lack of space: «CC BY 4.0 ign.es»
 - Coproduced products
 - «PNOA 2014-2016 CC BY 4.0 scne.es»
 - «PNOA 2014-2016 CC BY 4.0 <variations en [scne.es](http://www.scne.es)>»
 - For data extended to only 1 Autonomous region, is allowed:
 - «PNOA 2014-2016 CC BY 4.0 A. region, ign.es»
 - Derived data:
 - «Obra derivada de <previous expressions>»



❖ For data

- In web pages, documents and metadata

❖ For services

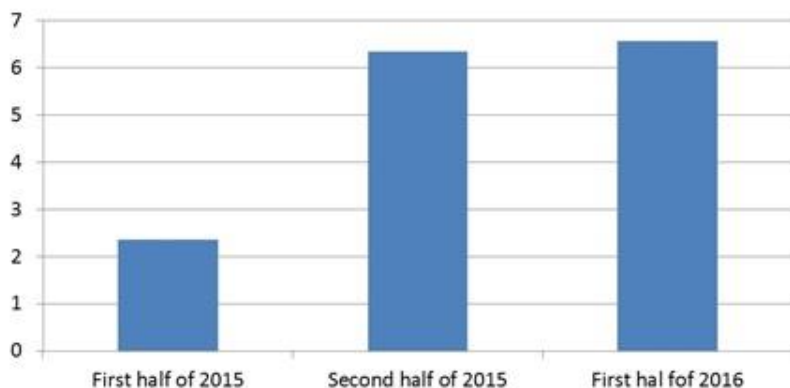
- Same conditions than coupled datasets
- In web pages, documents, metadata and *Capabilities*



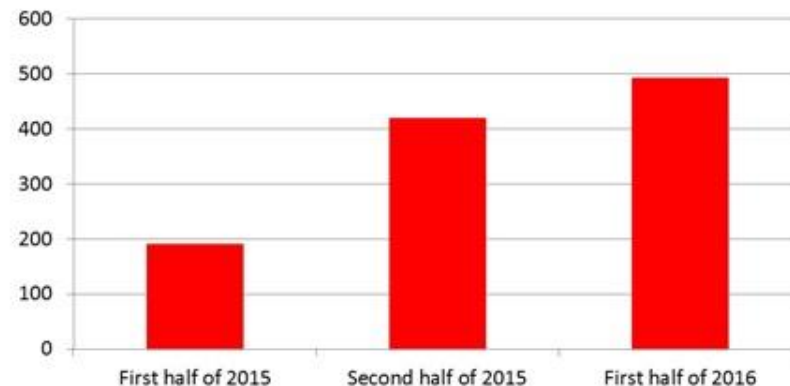
➤ Impact: download figures

- May 2015: Multiple files download implemented
- December 2015: New data policy

MILLIONS OF DOWNLOADED FILES



TB DOWNLOADED



Period	TB downloaded	Number of files downloaded
1 ^o half of 2015	190.87	2,355,355
2 ^o half of 2015	420.29	6,355,130
1 ^o half of 2016	493.72	6,570,692



- ❖ The impact of multiple download (not tile by tile) was bigger
 - The previous licenses were half-open
- ❖ Open data is not only a license problem
 - Minimum barriers for acces and use
 - See opendefinition.org



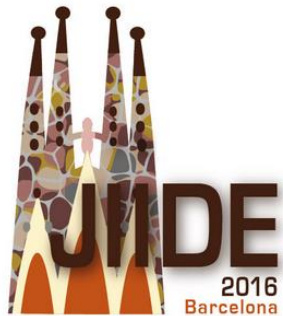
Recommendations:

- ❖ 1) To establish a sustainable d & s policy
- ❖ 2) To document and publish it
- ❖ 3) Interoperability of licenses
 - Please, use standard license (©, CC, EUPL, ODbL...)
- ❖ 4) Public bodies: please, open data & services
 - Something more than an open license



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Thank you very much for
your attention!

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