

Portal

GGOS





GGOS-PortalGeneral Idea and Community Survey Results

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GGOS Days 2023 Thursday, September 21, 2023 Alcalá de Henares, Spain

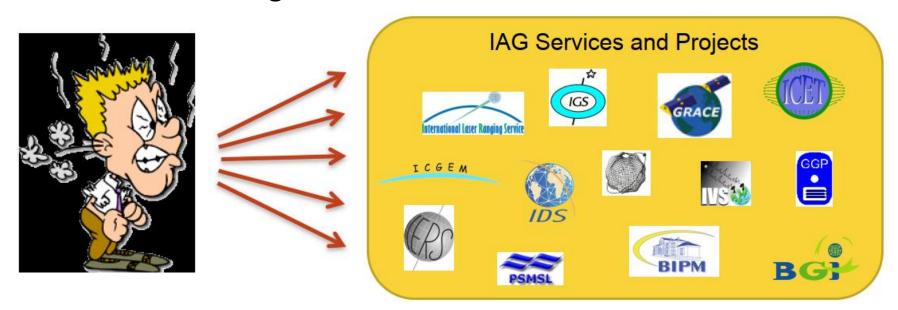


GGOS-Portal: Metadata Platform



GGOS-Portal: "A unique acces point for all data, products and information relevant in the framework of GGOS for Earth Science and applications"

Now: Users get lost in mountains of information



GGOS-Portal: Metadata Platform





"A unique acces point for all data, products and information relevant in the framework of GGOS for Earth Science and applications"



GGOS-Portal: Webpage

Webpage GGOS Portal: ggos.org/portal

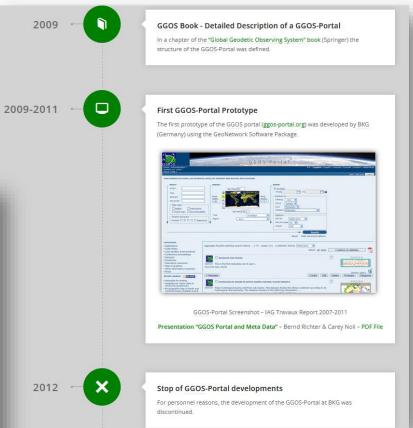
- Introduction
- Metadata & DOI in Geodesy
- History of GGOS-Portal











History of GGOS Portal







• 2007: First idea (UAW)

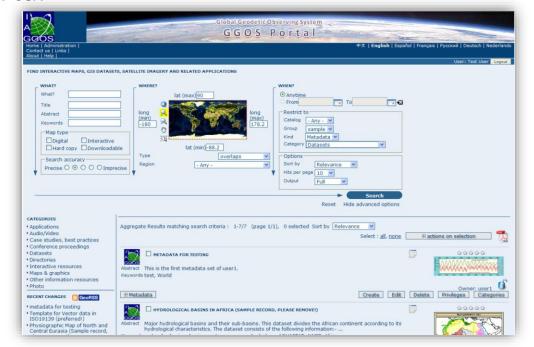
First prototype (by Bernd Richter at BKG) • 2009-2011:

• 2012: **Stop** of developments

Building up the GGOS Information Platform (www.ggos.org) • 2020:

Idea to **revive** the GGOS Portal • 2022:

2023: **Community survey** Feasability study

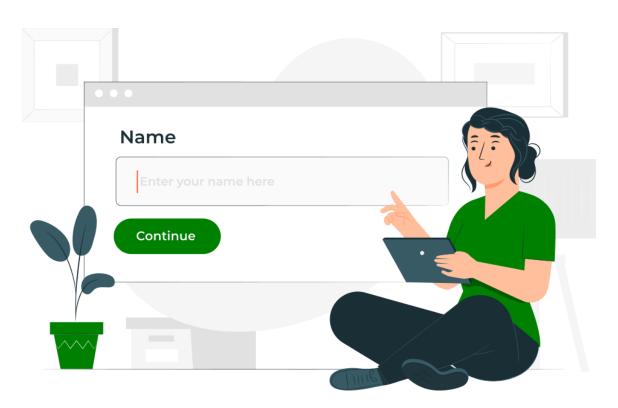








Community Survey user needs and opinions



GGOS-Portal: Survey

Federal Office of Metrology and Surveying





- Duration: March-April 2023
- Objective Get overview about:
 - **Geodetic data usage** (user, producer, provider)
 - Provision of Metadata and DOI's for geodetic data
 - Opinion about a GGOS-Portal and needed functions



Survey Results

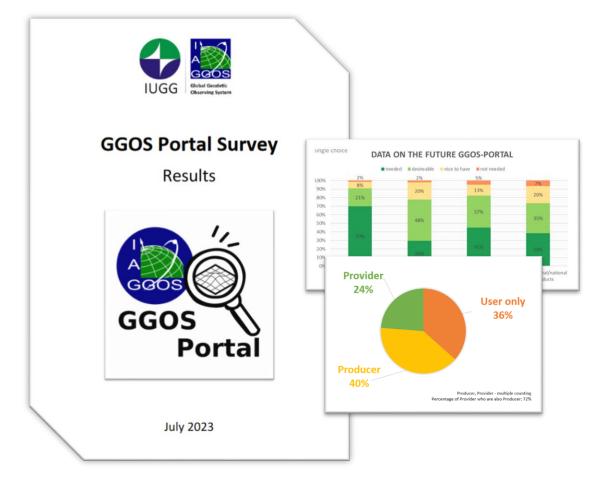
• Results: Please visit webpage



ggos.org/portal

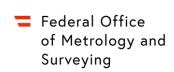






DOI: 10.5281/zenodo.8113241

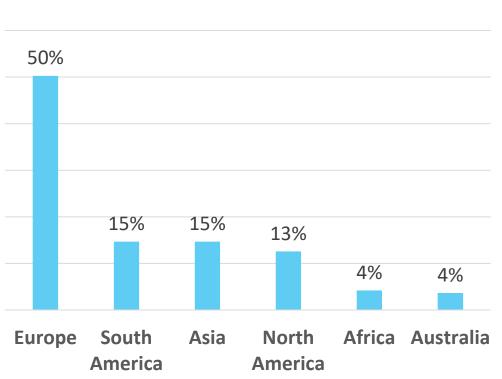
Participants – Worldwide Coverage

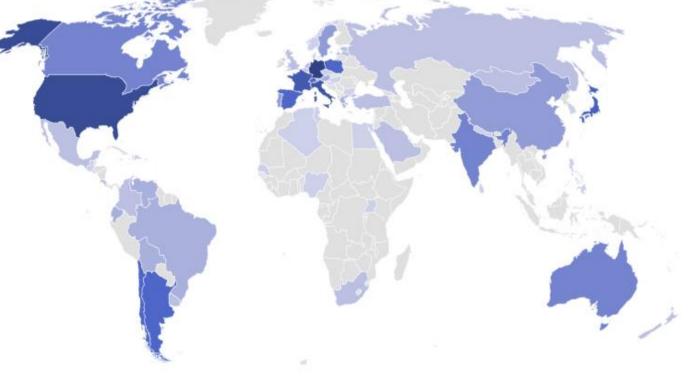












57 countries



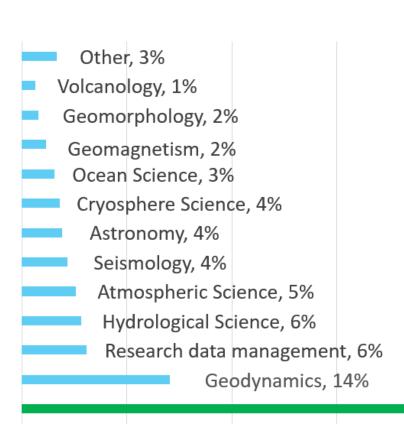
Participants – Field of Work



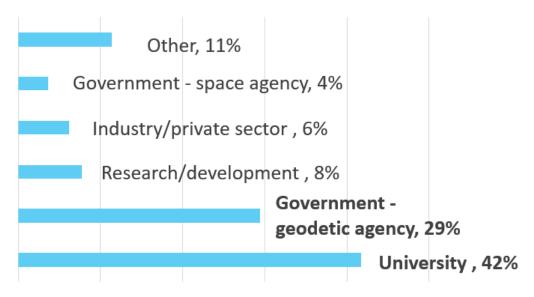




Scientific working field



Kind of organization



Geodesy, 46%



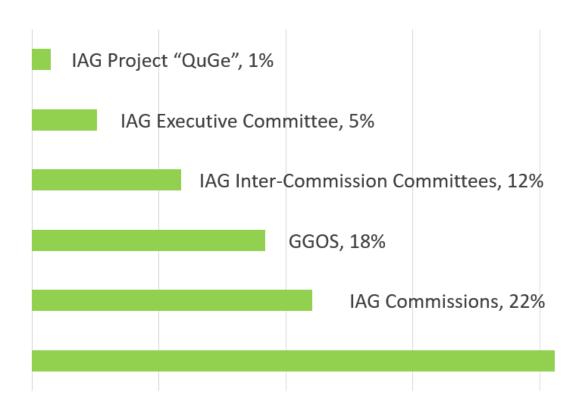
Participants – IAG Involvement

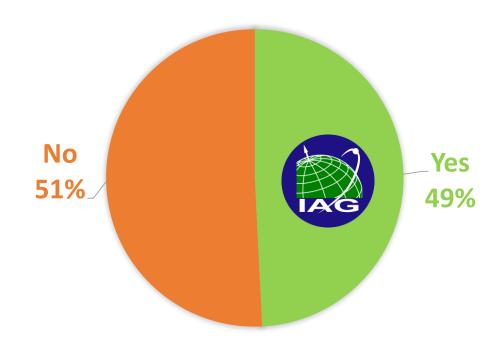






IAG sub-components





IAG Services, 41%

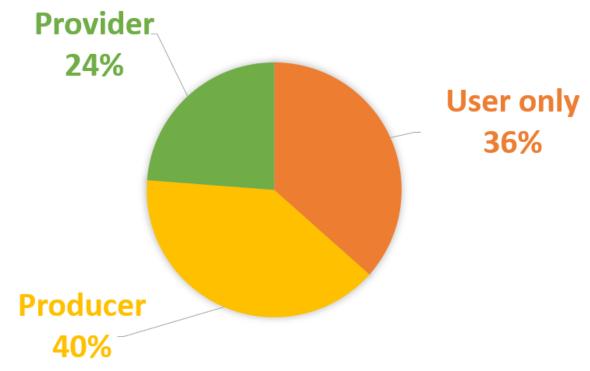


Geodetic Data - Interaction





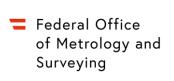




Producer, Provider - multiple counting Percentage of Provider who are also Producer: 72%



Geodetic Data - User









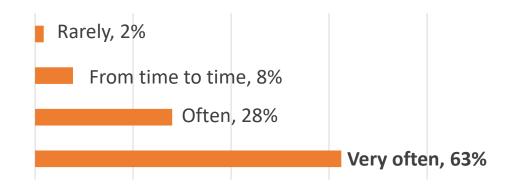
64 % Positioning and navigation

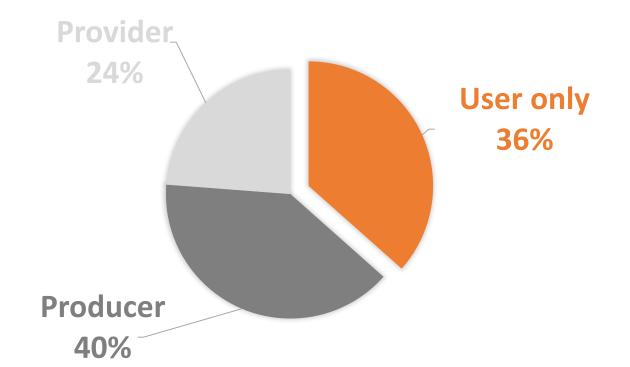
63 % Generating further geodetic products

51 % Earth System analysis

27 % Climate change analysis

How often used?







Geodetic Data - Producer

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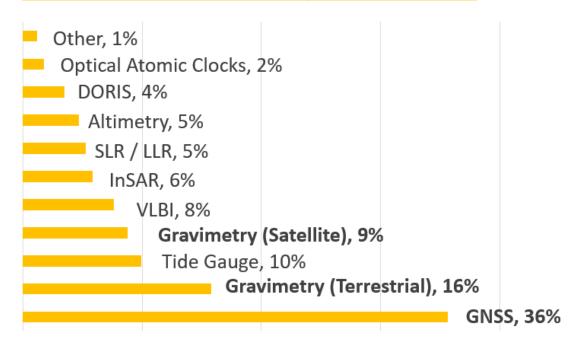
Kind of produced data:

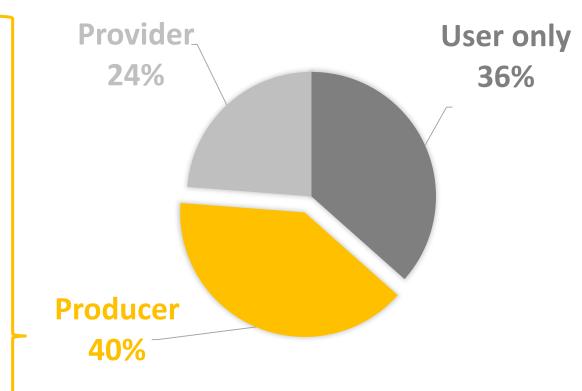
49 % Geodetic Product

43 % Geodetic Observation Data

8 % Other Products (derived with geodetic data)

Used Observation Technique for Product:

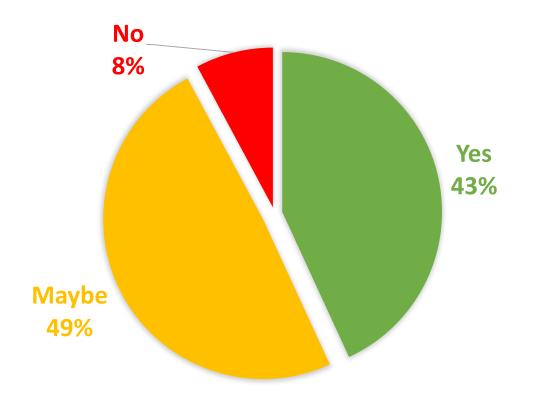






Geodetic Data - Provider

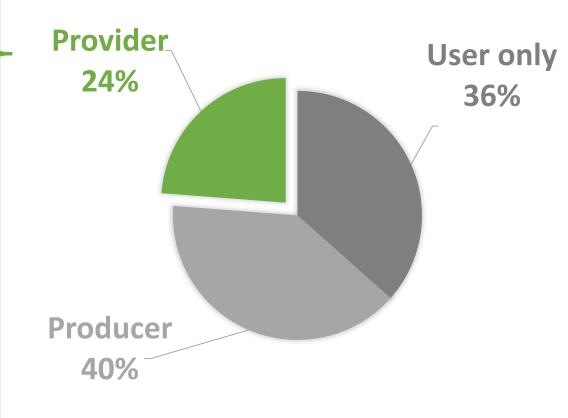
Interest on publishing data at GGOS Portal?





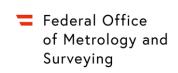






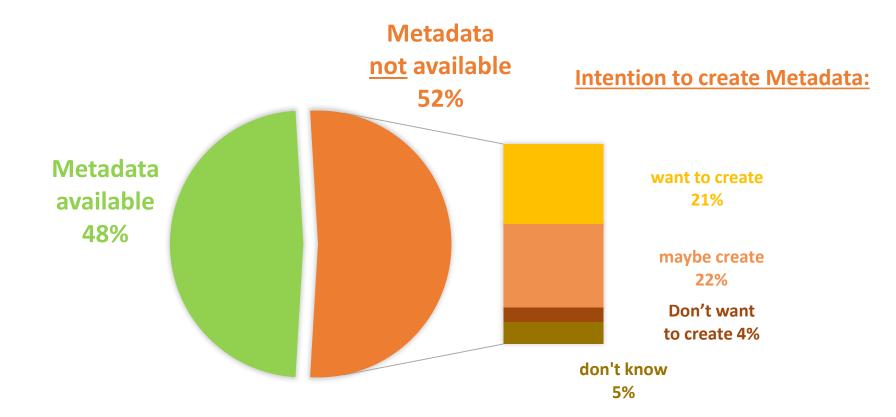


Geodetic Data Provider - Metadata







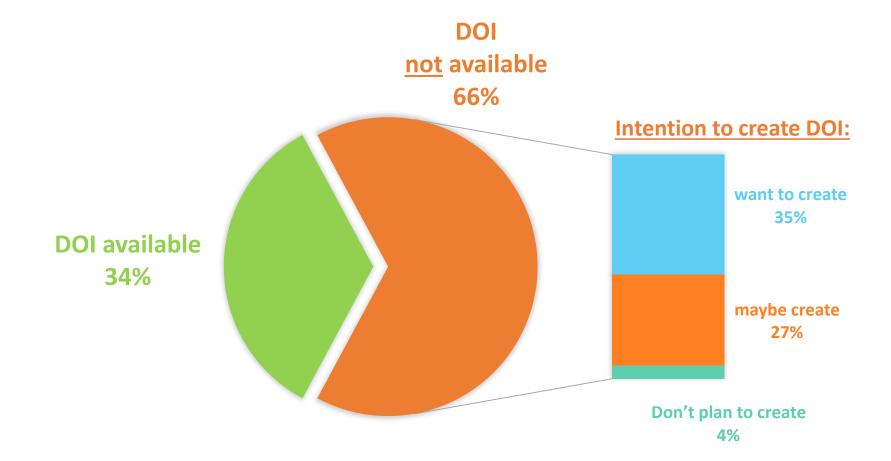




Geodetic Data Provider - DOI

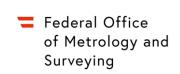








GGOS-Portal – Kind of provided data



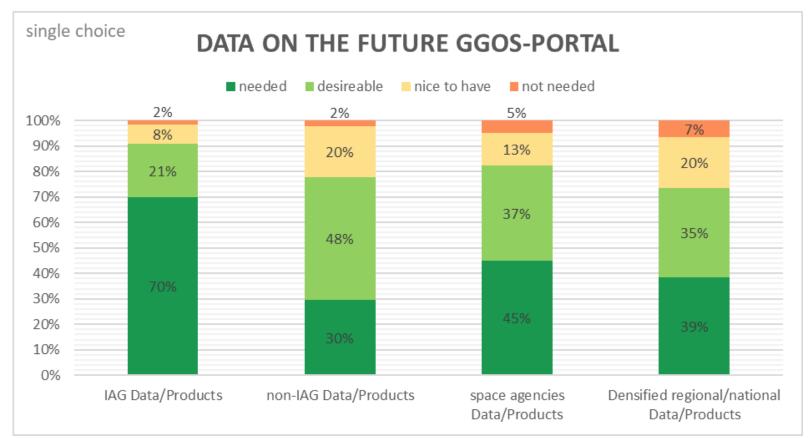




➤ Mainly IAG related data

Participant comment:

"focus on one type of data and to do it extremely well. Bad portals try to do too much."





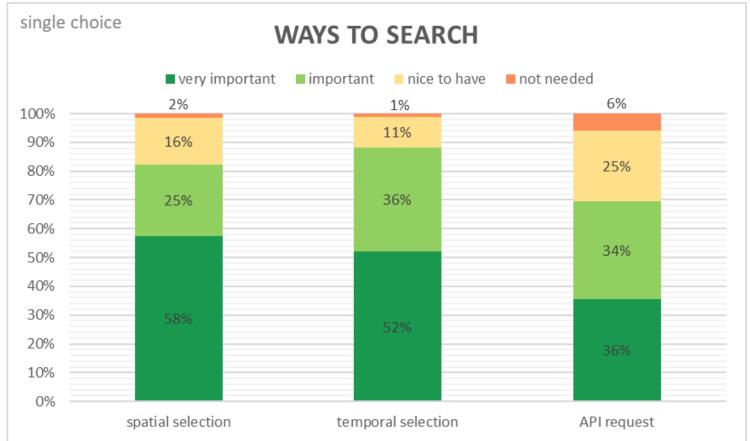
GGOS-Portal – Search Possibilities

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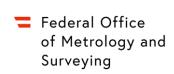


 Search by spatial and temporal selection is very appreciated





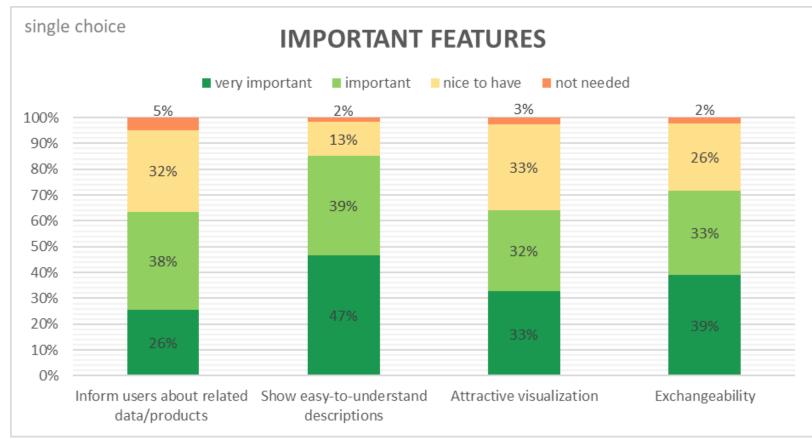
GGOS-Portal – Important features







- Show easy understandable descriptions
- User friendlyness





GGOS-Portal – Medata description

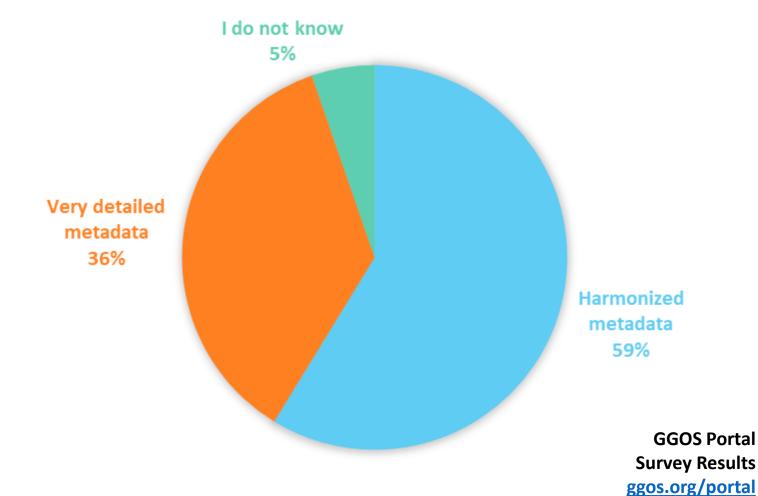




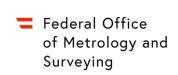


 Harmonized metadata is more appreciated

DETAIL OF THE METADATA DESCRIPTION



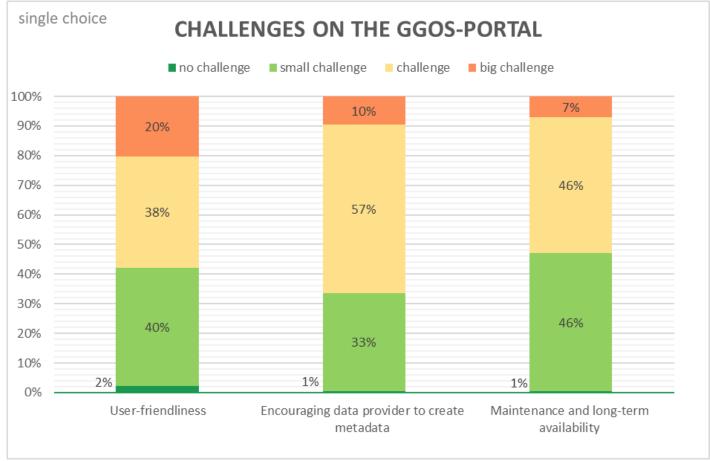
GGOS-Portal – Challenges







- Encourage data provider
 to create metadata
- User friendlyness





Federal Office of Metrology and Surveying

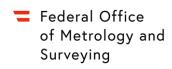




Feasability Study



-> next presentation by Lena Steiner







Thank you for your attention!



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More information

