

## Building Blocks for Geographic Information

### A proposal to harmonise workflows

GRÄLER, Ben; GUINEA DE SALAS, Alejandro

N.º del tema de las jornadas: N.º. 2 - Proyectos y buenas prácticas

### Resumen

This talk is a comprehensive proposal for streamlining and harmonizing workflows in projects that use Geographic information. It delves into the fundamental building blocks of processes, such as data managing and governance, data processing and use and exploitation, emphasizing their interconnections and the importance of a standardized approach.

We see geographic information in many different projects, with similar steps, processes, and approaches. We don't see an efficient common understanding of those steps between or even within companies, clients, or institutions. A common ground would ease collaboration and project management.

We see the following topics as main building blocks of Geodata processes:

**Management and Governance:** This step involves establishing procedures for data capturing, acquisition, extraction, organizing and cataloguing the data, and setting up policies and regulations that guide its use.

**Processing:** This phase involves the manipulation and transformation of geographic data to make it ready for analysis. This can include tasks such as data cleaning, geocoding, or converting between data formats.

**Use and Exploitation:** This is the stage where the processed data is utilized for various applications like decision making, reporting, and adding value. It involves performing spatial analyses, modelling, and visualizing the results.

**Adding value:** This should be the last step in any workflow with GI, ensuring the usefulness or relevance by turning the geoinformation into accessible products that generate knowledge and comprehension.

### Palabras claves

Geographic Information, building blocks, workflow, harmonisation, management, governance

### Autores

**Alejandro Guinea**  
Alejandro.guinea@geograma.com  
Geograma

**Ben Gräler**  
b.graeler@52north.org  
52 North