

OGC Location Power

The importance of **international data standards** and ethical use of **Locus Charter**

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ETHICS IN THE USE OF **GEOSPATIAL INFORMATION IN THE AMERICAS**

- 1** Ethics in the use of geospatial information
- 2** The role of international initiatives
- 3** Current State in UN-GGIM: Americas Countries
- 4** Use Cases in Mexico

ETHICS IN THE USE OF GEOSPATIAL INFORMATION



The geospatial revolution

The success of **geospatial information and technologies** in the 21st century has brought an even **greater urgency** and complexity **to ethical conversations**.

Ethical concerns relate to the **abundance and growing use of locational data and maps** (like locational privacy and cartographic integrity).



The geospatial revolution

Discussions about how to build and implement spatial technology have highlighted the need to **balance privacy and analytical power** when working with locational data.



THE ROLE OF INTERNATIONAL INITIATIVES



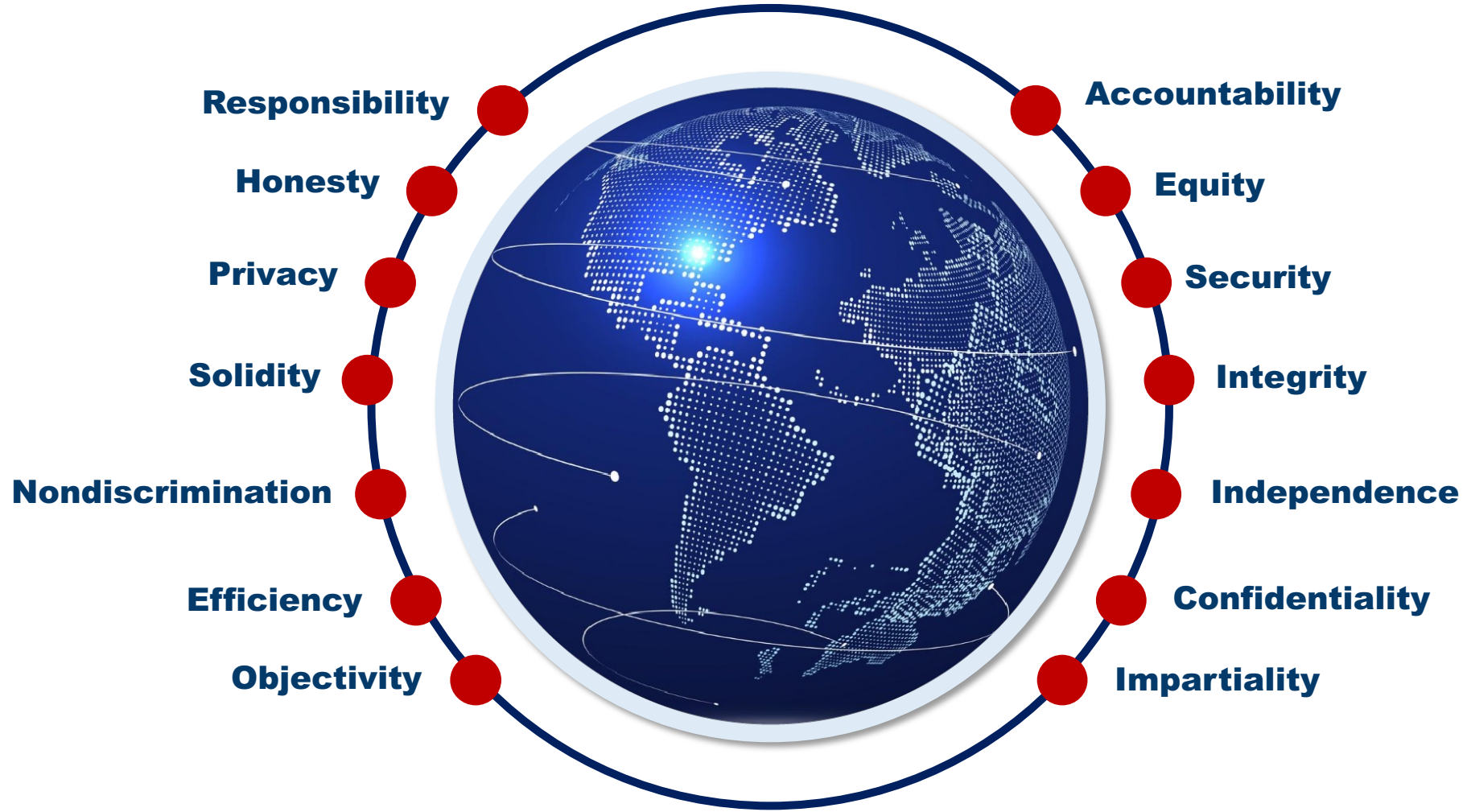
International initiatives



“Having access to the right data and at the right time is crucial to good decision making. It is data that provides new levels of insight into our past, present and future. For this reason, governments, businesses and the community need to know they are using the most accurate and authoritative data for planning, analysis, navigation and visualization: good data underpins good decisions.”

UN-GGIM Integrated Geospatial Information Framework





Founding Principles

- 1 Realize opportunities
- 2 Understand impacts
- 3 Do no harm
- 4 Protect the vulnerable
- 5 Address bias
- 6 Minimize intrusion
- 7 Minimize data
- 8 Protect privacy
- 9 Prevent identification
- 10 Provide accountability



 BENCHMARK

Raising Standards for
Location Integrity

 The logo for EthicalGEO features a dark blue circular background with a faint world map pattern. The text "EthicalGEO" is centered in white, with "Ethical" in a smaller font and "GEO" in a larger font, both underlined.



CURRENT STATE IN UN-GGIM: AMERICAS COUNTRIES

Current state in UN-GGIM: Americas countries

Survey on ethical use of geographic data in UN-GGIM: Americas Countries



NO



YES



Current state in UN-GGIM: Americas countries



USE CASES IN MEXICO

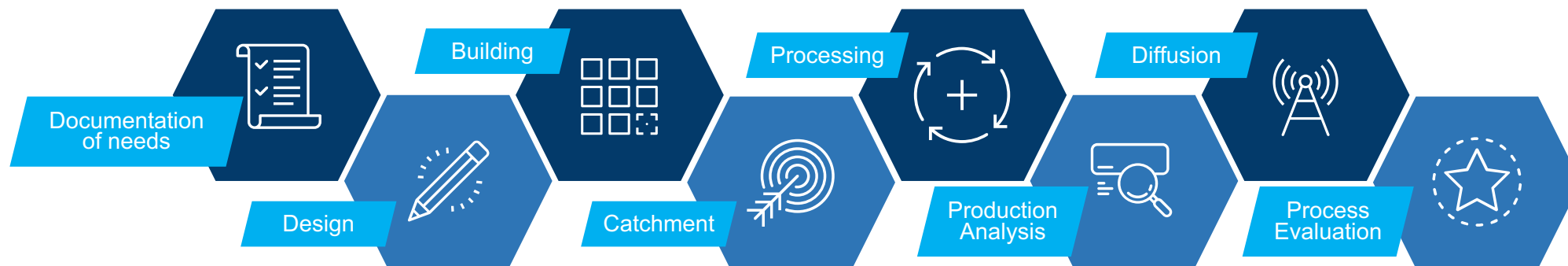


Regulatory Framework

- 1 Information Security Policy
- 2 Information Security Guidelines

Preserve information security

Production



Preserve the confidentiality of the data provided by informants

- 3 Policy for the Management of Confidentiality in Statistical and Geographic Information

INFORMATION PROGRAMS



Recent publication



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Ethics in the use of geospatial information in the Americas

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Highlights

- Present the results of the “Survey on ethical use of geographic data in UN-GGIM: Americas Countries”.
- Know the conceptual and regulatory aspects of the ethical use of geospatial information in UN-GGIM: Americas Countries.
- Expose the role of the Locus Charter, Ethical GEO, Benchmark and IGIF initiatives in the ethical use of geospatial data.



THANK YOU

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