

Working Group on Trends in National Institutional Arrangements in Geospatial Information Management

Seventh Session of the Committee of Experts on
Global Geospatial Information Management

Trends in National Institutional Arrangements (NIA)

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Agenda

1. Introduction and current situation of the work. Antonio Arozarena, Chair of the NIA WG.
2. National Institutional Arrangement Instruments, Principles and Recommendations. Joep Crompvoets.
3. Presentations of good practices in selected instruments:
 - **S3**. Establishment of a legal framework. Mexico: Legal Framework of the National Information System for Statistics and Geography.
 - **S5**. Systems for information exchange and sharing. Singapore: Range of practices
4. Proposed next steps, Antonio Arozarena
5. Discussion and conclusion.



Introduction and current situation



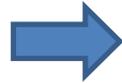
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Introduction

NIA WG objective



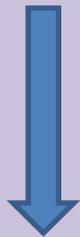
Identify best practices and sets of institutional models and legal frameworks for National Geospatial Information Management.

Objective of this meeting: present the deliverables resulting from the work done to date and share with the Committee of Experts, NIA WG members and other attendance



Current situation of the work

Previous work



Better
understanding of
NIA in the context
of UN-GGIM

- Overview of NIA current situation

Based on a questionnaire distributed among MS organizations responsible for GIM

- Regional differences
- Based on a set of geospatial data themes relevant for the 17 Sustainable Development Goals of UN
- 63 answer from MS
- The questionnaires have provided information about:
 - ✓ presence of operational coordination functions/entities,
 - ✓ division of competences
 - ✓ collective decision-making entities
 - ✓ establishment of partnerships
 - ✓ information and knowledge sharing facilities
 - ✓ financial management, and legal framework
- Development of an index for national institutional arrangements based on the results of questionnaire and additional research.
- Feedback of key experts on the approach
- Application of the methodology using all available information



Current situation of the work

Working
period 16-17



UNGGIM
consultancy

- ❑ **Development of an overarching framework based on a set of:**
 - NIA instruments
 - NIA principles
- ❑ **Application of the framework**
 - Identification of good practices/applications to understand the use of these instruments to support geospatial information management operations
 - Serve to illustrate the benefit of applying the various types of NIA-instruments and the purpose they serve in the context of supporting Member States.
- ❑ **Key NIA guidelines and recommendations**
 - Development of recommendations from the practice examples
 - Provide directions on the implementation of each NIA instrument
 - Governments can use these as a starting point to apply the NIA



Current situation of the work

The following issues will be explained later in more detail:

- the methodologies and approaches employed
- the overarching framework based on a set of institutional arrangements instruments
- the good practices identified (as per the application of the framework) and the key principles, guidelines and recommendations,



Description of the work

Development of an overarching framework

This framework will be able to generate generic elements and guiding principles that support delivery and/or improvement on current NIAs based on a set of core **instruments and principles**.

NIA instruments

Instruments are mechanisms through which better institutional arrangements can be achieved. Three mechanisms underpinning institutional arrangements in the public sector can be distinguished: **hierarchies, markets and networks**.

NIA principles

Principles are the fundamental beliefs that frame and structure the entire set of NIA instruments and what they seek to achieve.



Description of the work

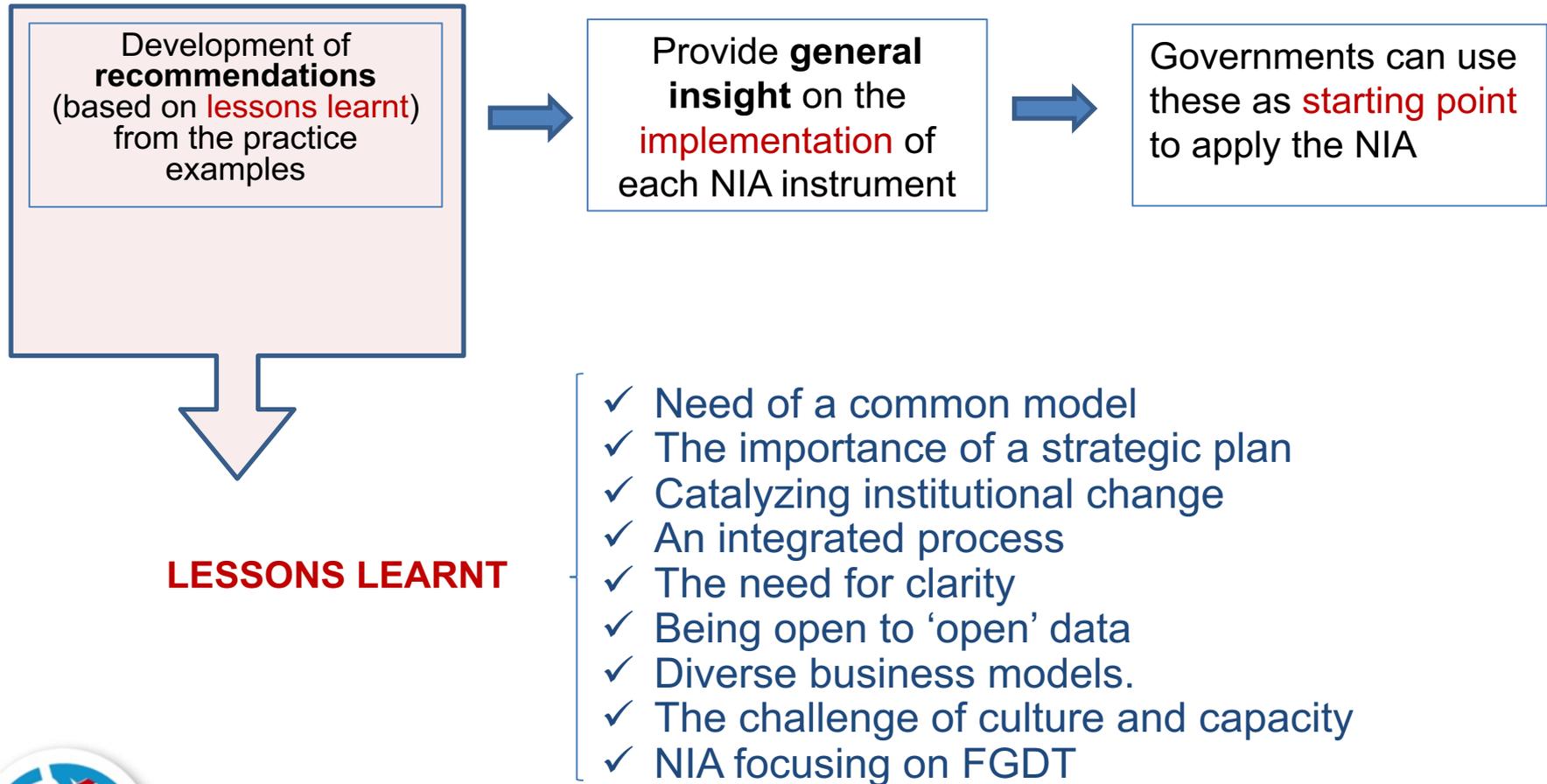
Application of the framework

- Identification of good practices/applications to understand the use of these instruments to support geospatial information management operations
- 59 examples of good practices of NIA-instruments were identified:
 - Europe (20)
 - Asia-Pacific (14)
 - Americas (17)
 - Africa (5)
 - Arab States (3)
- Serve to illustrate the benefit of applying the various types of NIA-instruments and the purpose they serve in the context of supporting Member States.



Description of the work

Key NIA guidelines and recommendations



Proposed next steps



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Possible next steps *“In order to increase the efficiency”*

- To produce a more comprehensible and easy-to-understand guide
- To go deeper into each instrument, both in terms of their concepts and characteristics
- To explain examples of good practices, and also in the technological tools and standards for its proper implementation



Elaboration of a GGIM NIA Guidelines of best practices



Collaborating with UNGGIM Groups

- Expert Group on the Integration of Statistical and Geospatial Information
- Expert Group on Land Administration and Management
- WG on Development of a Statement of Shared Principles for the Management of GI
- IAEG-SDGs Working Group on Geospatial Information
- WG Fundamental Data
- Private Sector Network



Points for discussion

- **About the work already done:**
 - ✓ adopting and implementing the national institutional arrangements framework.
 - ✓ accepting the good practices, seeking the support of Member States to further expand and increase the number to have balanced representation for all 13 instruments and across geographic regions.
 - ✓ adopting and implementing and the guidelines and recommendations for national geospatial information management entities
- **About the future activities proposed:**
 - ✓ The objective is therefore to provide an **easy-to-understand guide** that facilitates the use of the principles and instruments developed for those users not previously familiar with geospatial information management concepts.
 - ✓ Also, It could be necessary **to go deeper** into each, both in terms of their concepts and characteristics, and in explaining examples of good practices, and also in the technological tools and standards for its proper implementation.



Thank you for your attention

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