

An overview on the status of SDI relevant issues in PC-IDEA members countries

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CP-IDEA



Presentation outline

- Background
- PC–IDEA questionnaire 2011
 - Overview
 - Stages and timeline
 - Contents
 - Results
- Conclusions

Background

Since May 2010, a PC-IDEA working group for planning has been operating, in order to give response to the recommendations of the Ninth Regional Cartographic Conference of the United Nations for the Americas.

This working group is called «PC-IDEA Gtplan» and is composed originally by seven countries: Canada, Mexico, Guatemala, Cuba, Colombia, Brazil, Chile, leaded by Chile and co-led by Canada

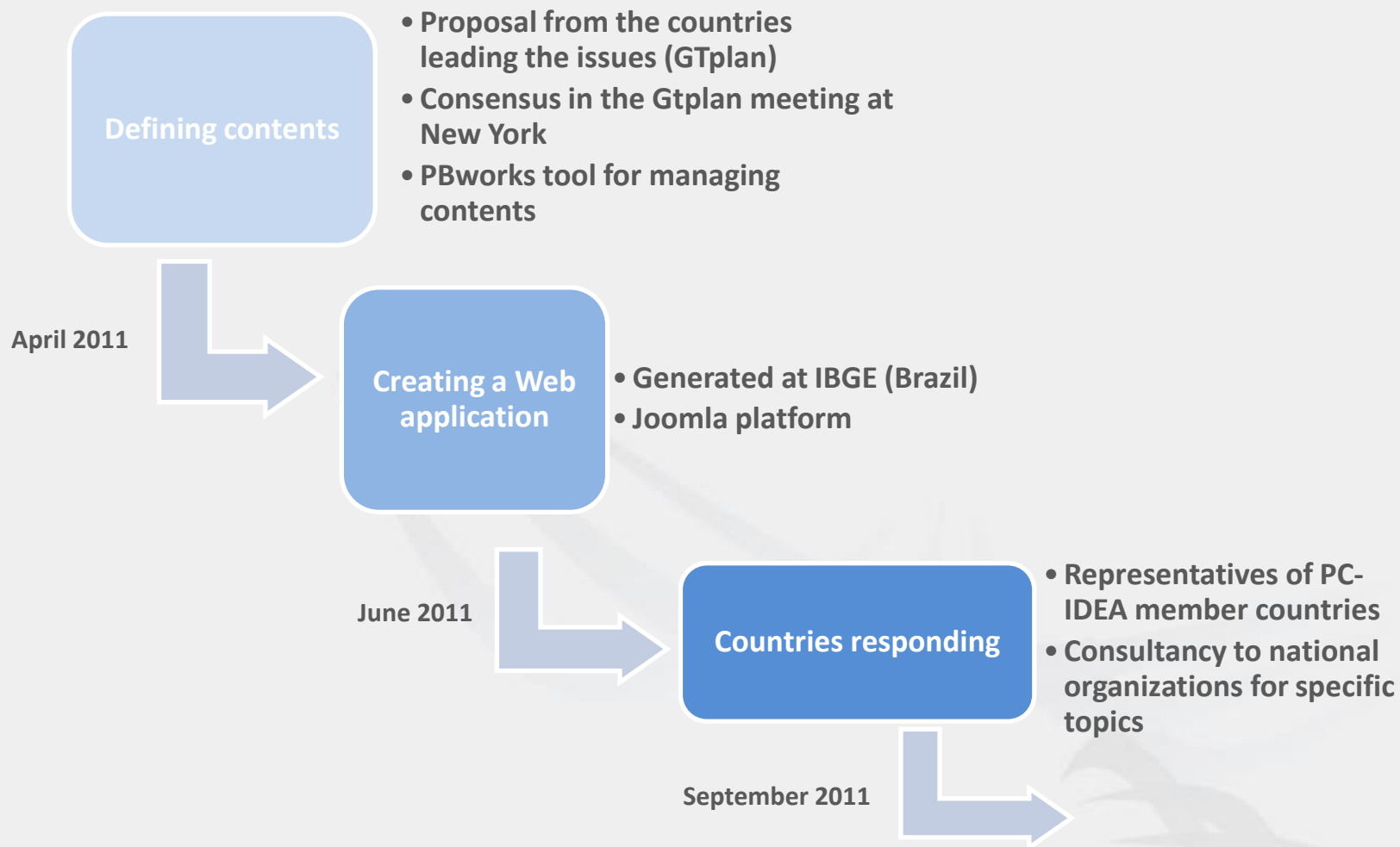
A first working plan for 2011 was defined in December 2010 in Rio de Janeiro, oriented to establish activities related to address the mentioned recommendations.

PC-IDEA questionnaire 2011 - overview



One of the principal products considered in the PC-IDEA work plan for 2011 was the elaboration of a diagnosis about relevant SDI issues in the member countries

PC-IDEA questionnaire 2011 – stages and timeline



PC-IDEA questionnaire 2011 – stages and timeline

Tabulating and
analyzing results

- Entering data to excel files
- Elaboration of pivot tables and charts
- Analysis of the results by theme

November 2011

Elaborating final report

- Generation of a draft of the report
- Revision by GTplan members
- Final version approved by PC-IDEA president
- Translating to english and portuguese

March 2012

March 2012

PC-IDEA questionnaire 2011 – Contents

Capacity building

- Priority capacity building topics required
- Type and modality of academic programs required
- Profile of the potential participant
- Current supply of courses in the region

Standards and specifications

- General issues
 - Existence of national bodies
 - Participation at international organizations
- Producers and users
 - Topics and activities in which standards are used
 - Priorities
 - Use of general application standards
- Use of international standards
 - ISO
 - OGC
 - W3C
 - FGDC

Best practices

- Documented best practices and successful stories related to
 - Policies
 - Standards
 - Technology
 - Framework data
 - Others
- Knowledge on best practices out of the region
- Needs of best practices
- Target audience to be provided of best practices

PC-IDEA questionnaire 2011 – Contents

SDI assessment

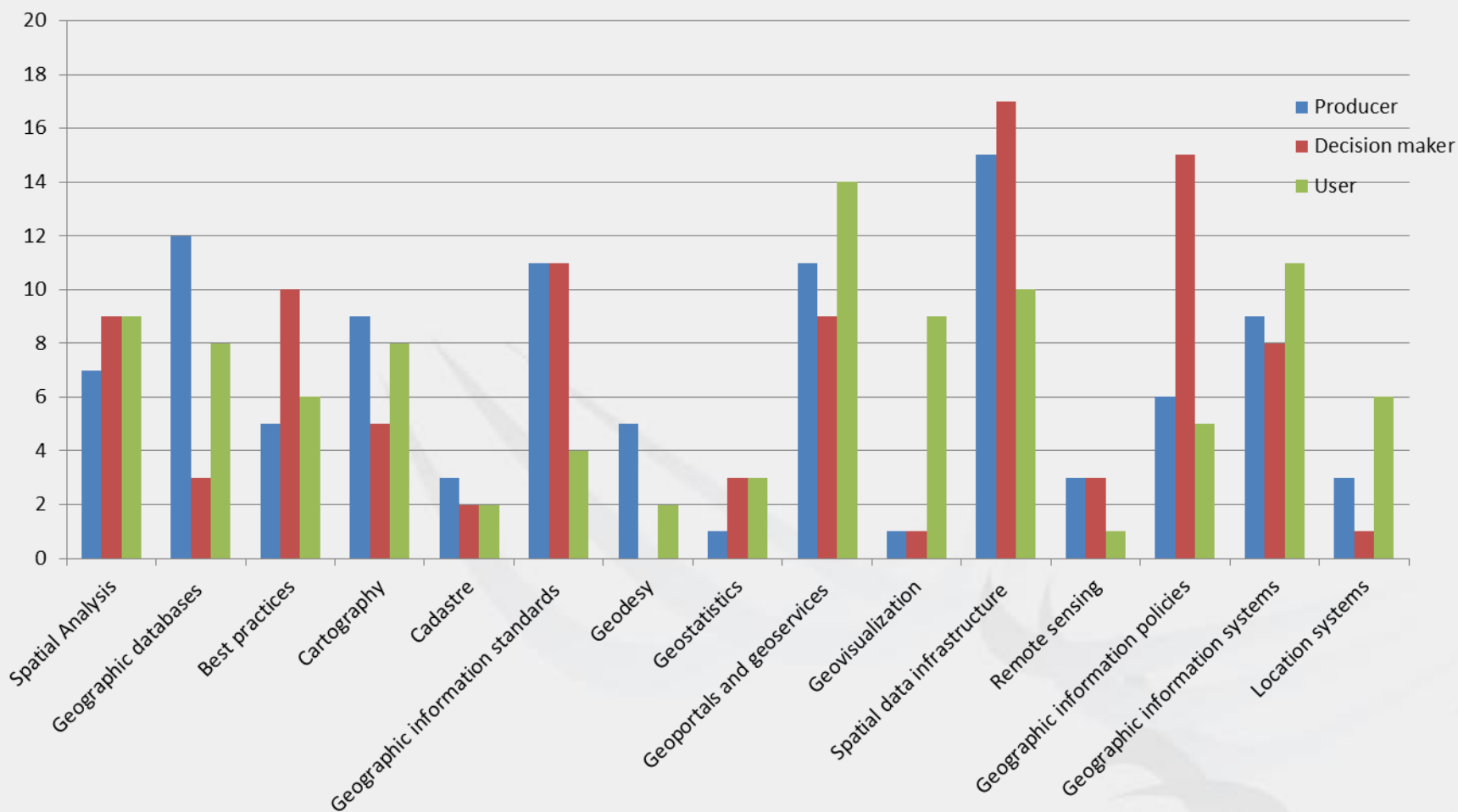
- Institutional arrangements
- Existing legal frameworks and SDI policies, funding models and investment return model
- Datasets
- Data availability
- Data and metadata existence
- Services availability
- Impact
- Existence of monitoring on SDI social/economic impact

Innovations in NMOs

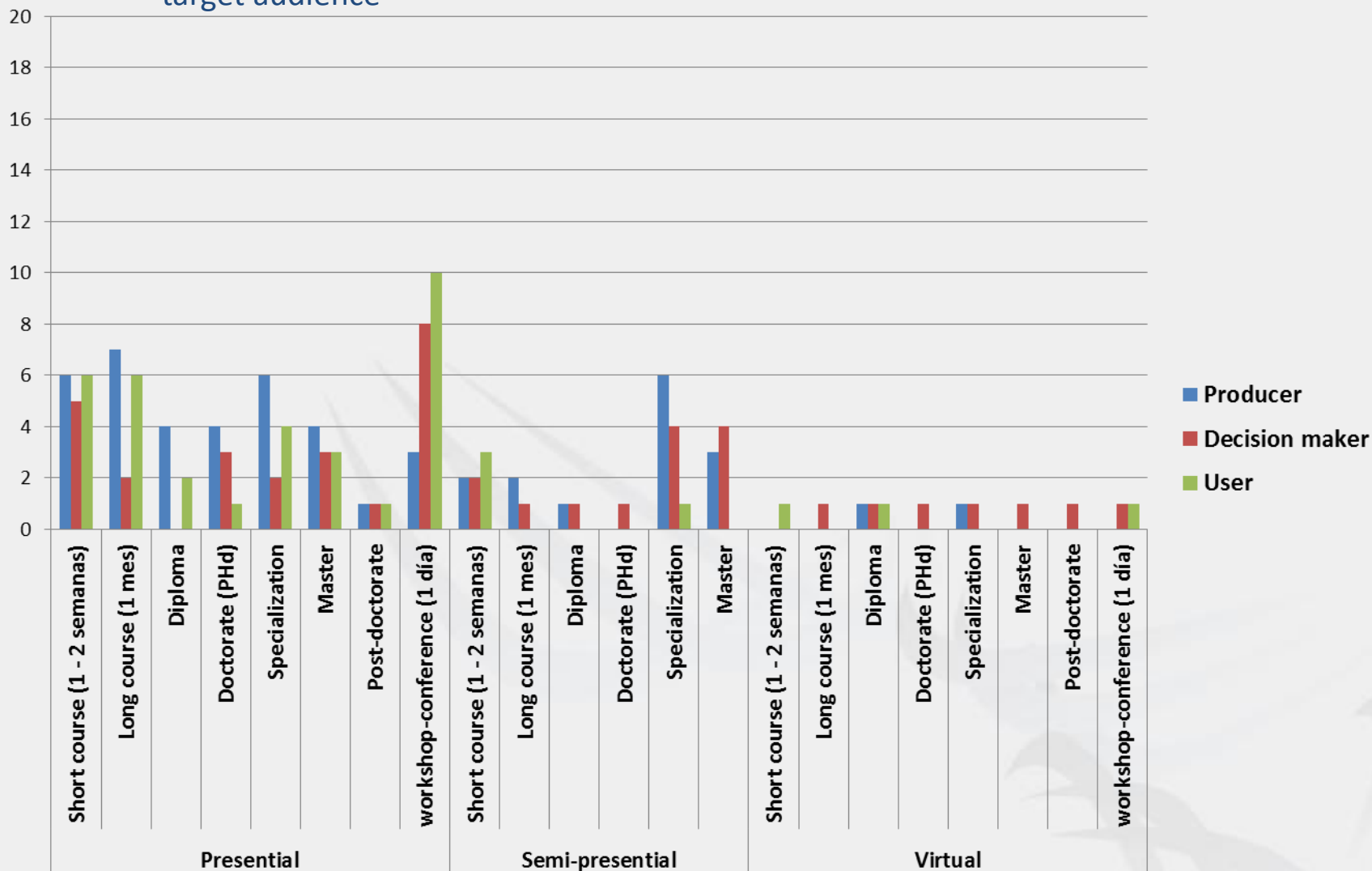
- Contents and procedures
- Topics recently incorporated to the production of the NMO
- Technology for collection
- Format for exporting and exchanging
- Business model
- Themes that are distributed free of cost
- Restriction policies
- Use of general application standards
- Institutional issues: roles and territorial scope for
 - Producers
 - Normalizers
 - Certifiers
 - Coordinators
- Generation of real time information

PC-IDEA questionnaire 2011 – some results

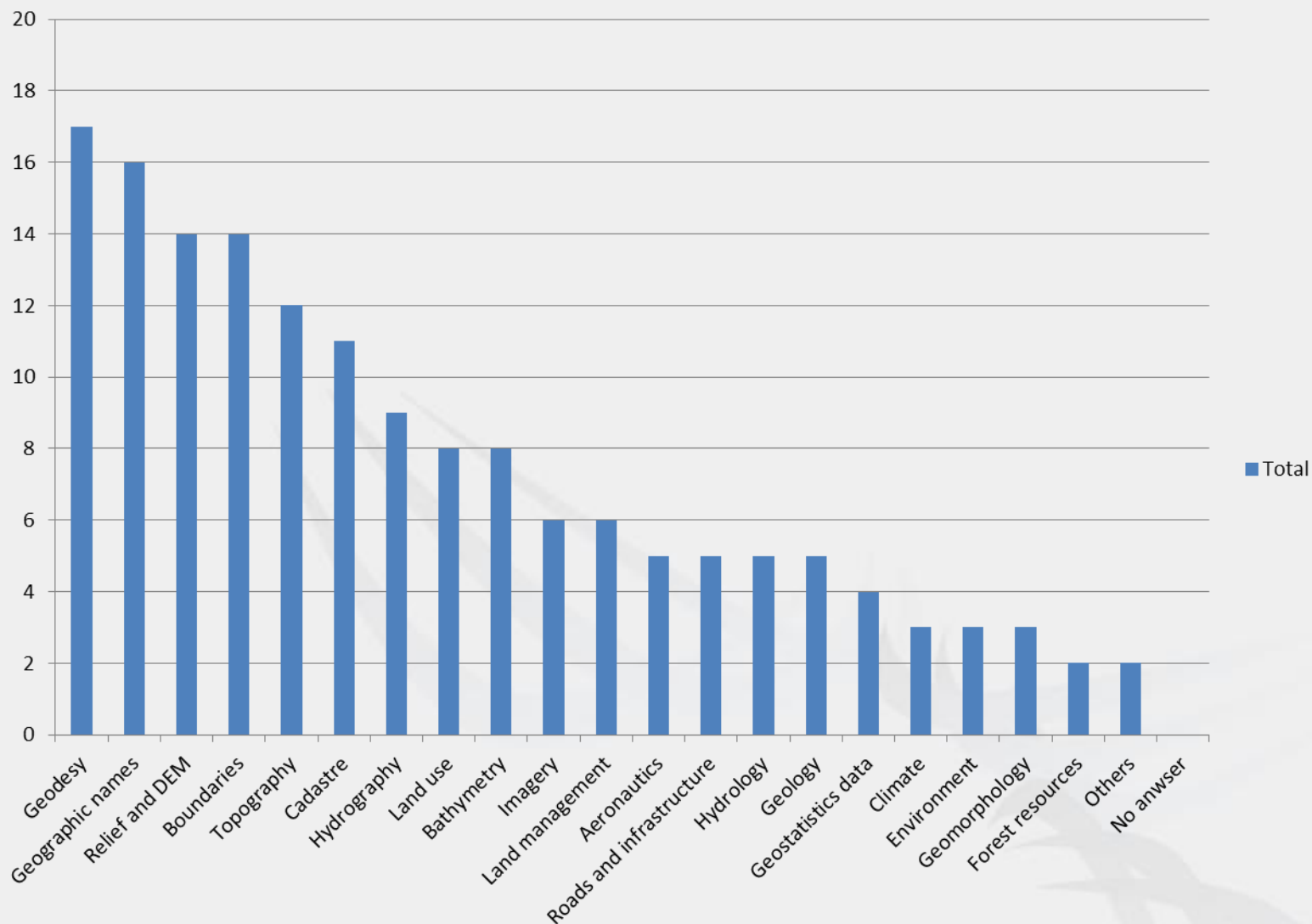
CAPACITY BUILDING - Priority capacity building topics by target audience



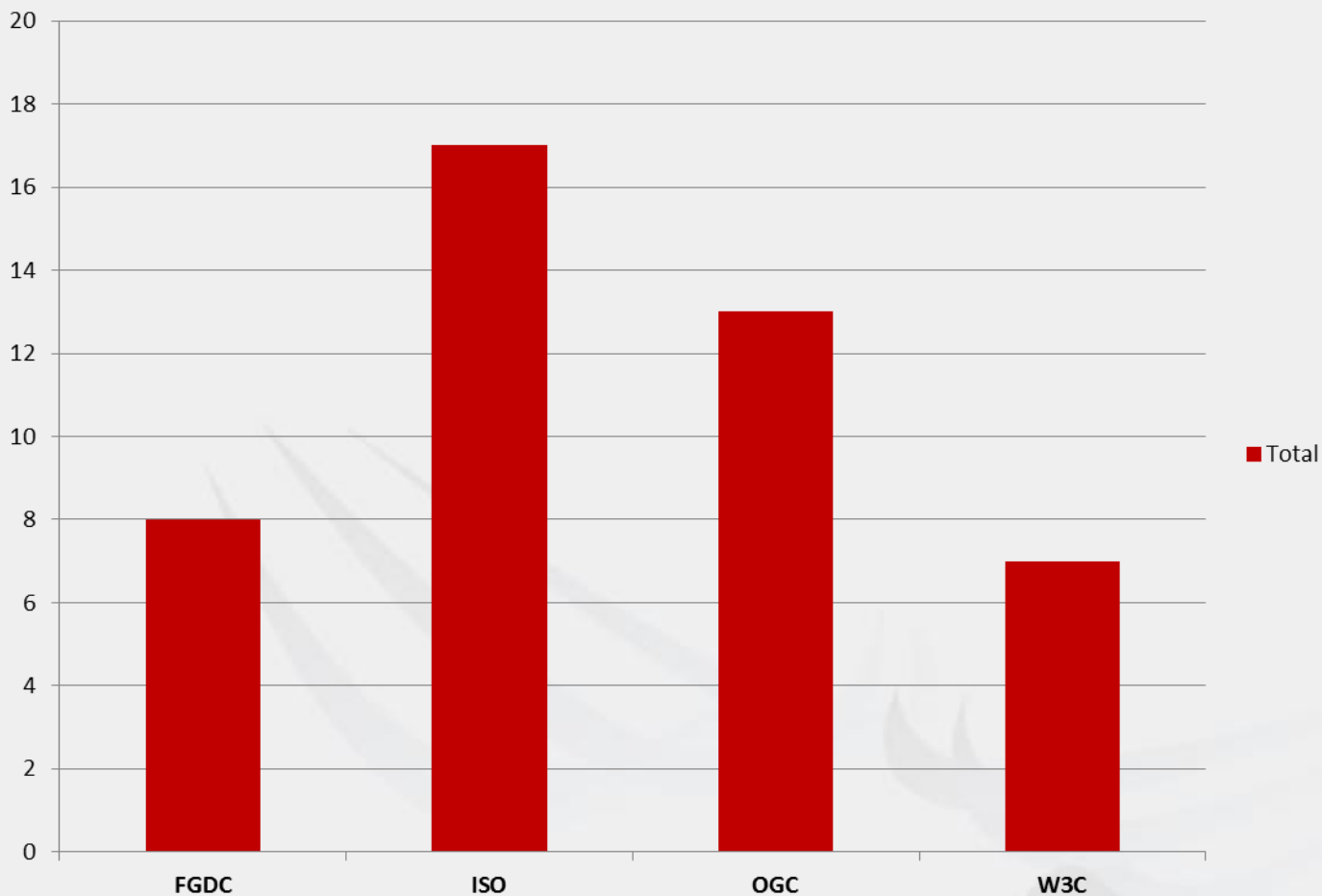
CAPACITY BUILDING - Type and modality of requested courses by target audience



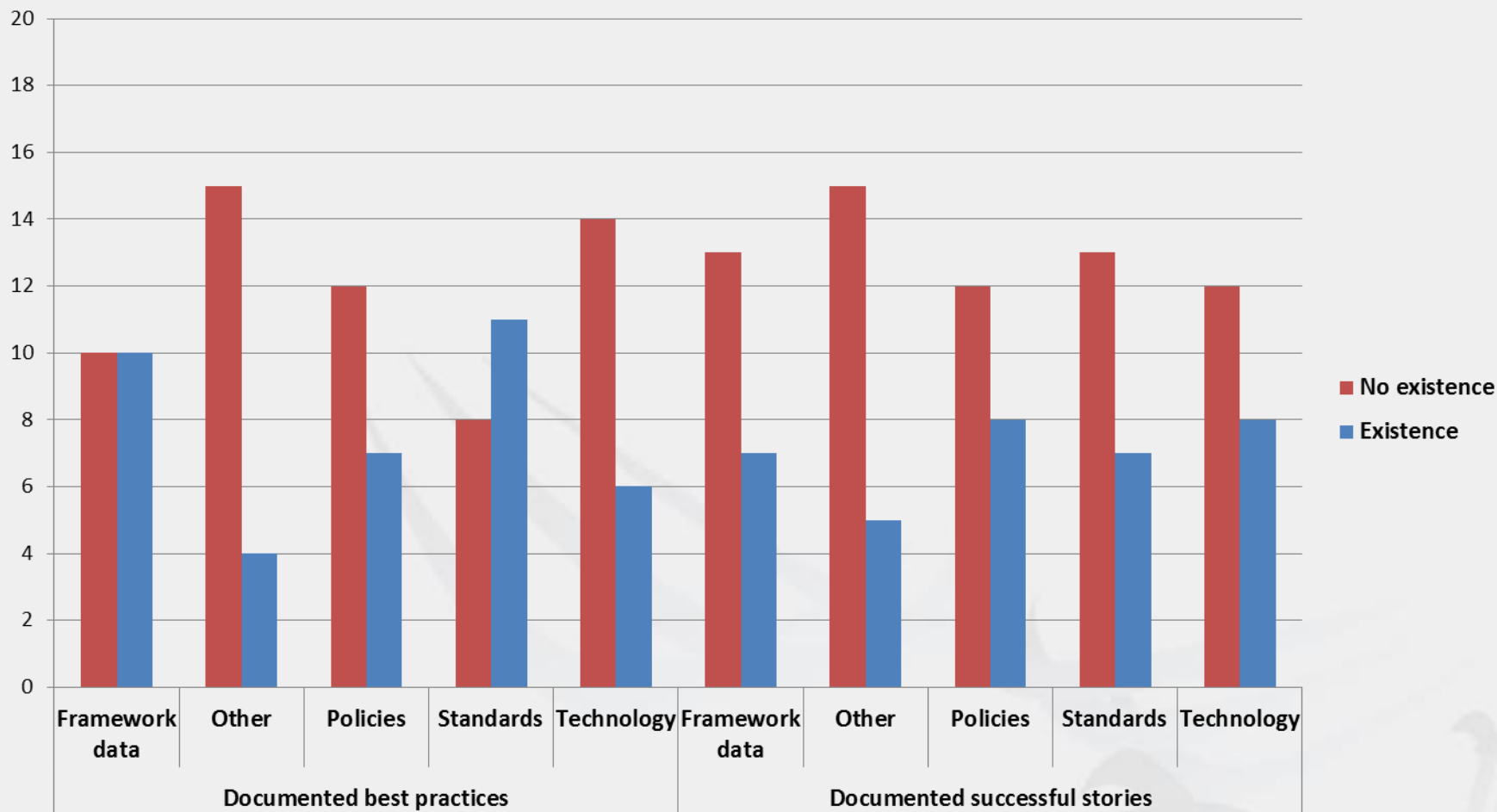
STANDARDS AND SPECIFICATIONS - Number of countries producing geospatial information standards related to different themes



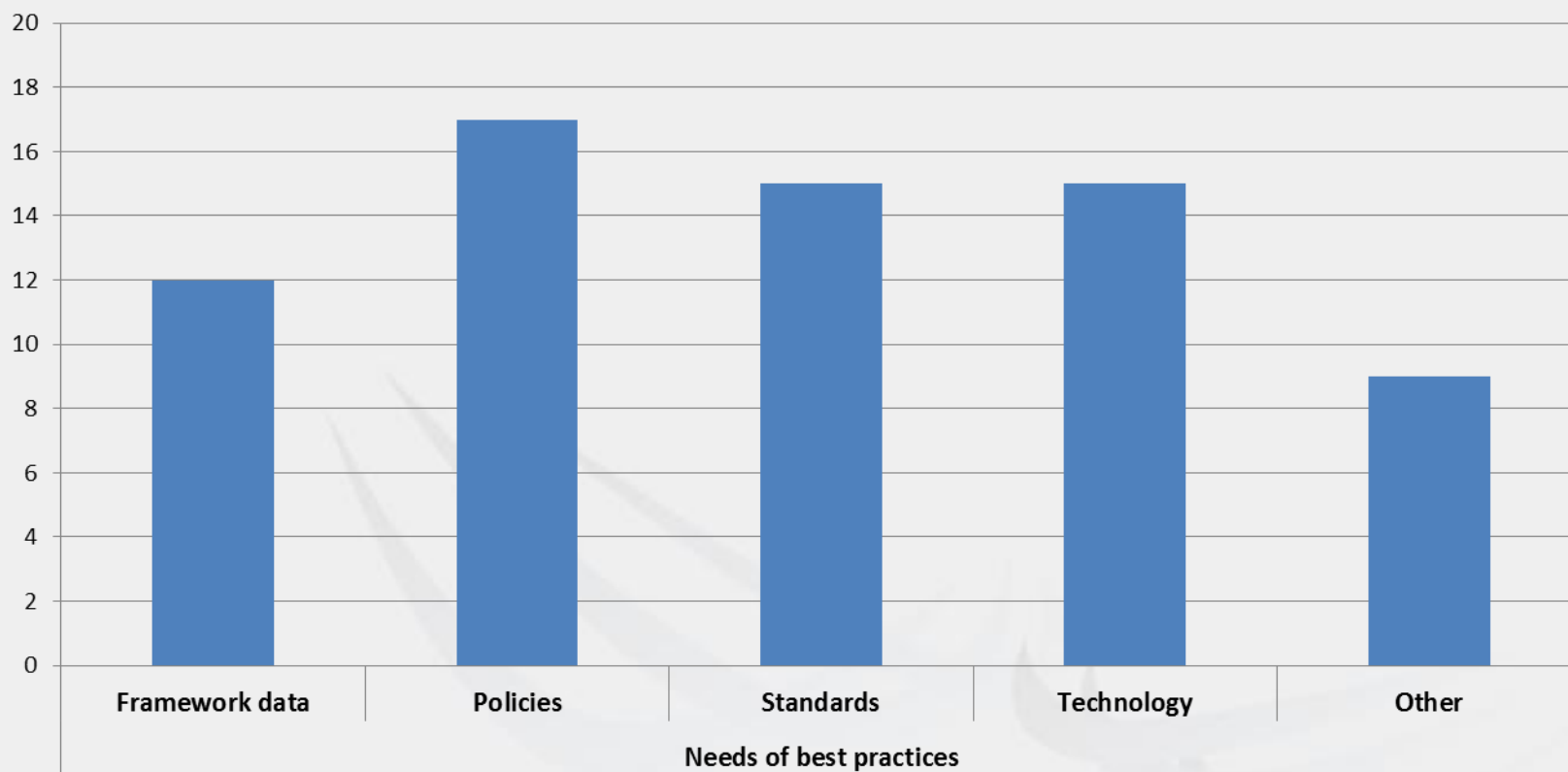
STANDARDS AND SPECIFICATIONS - Number of countries using international and FGDC standards



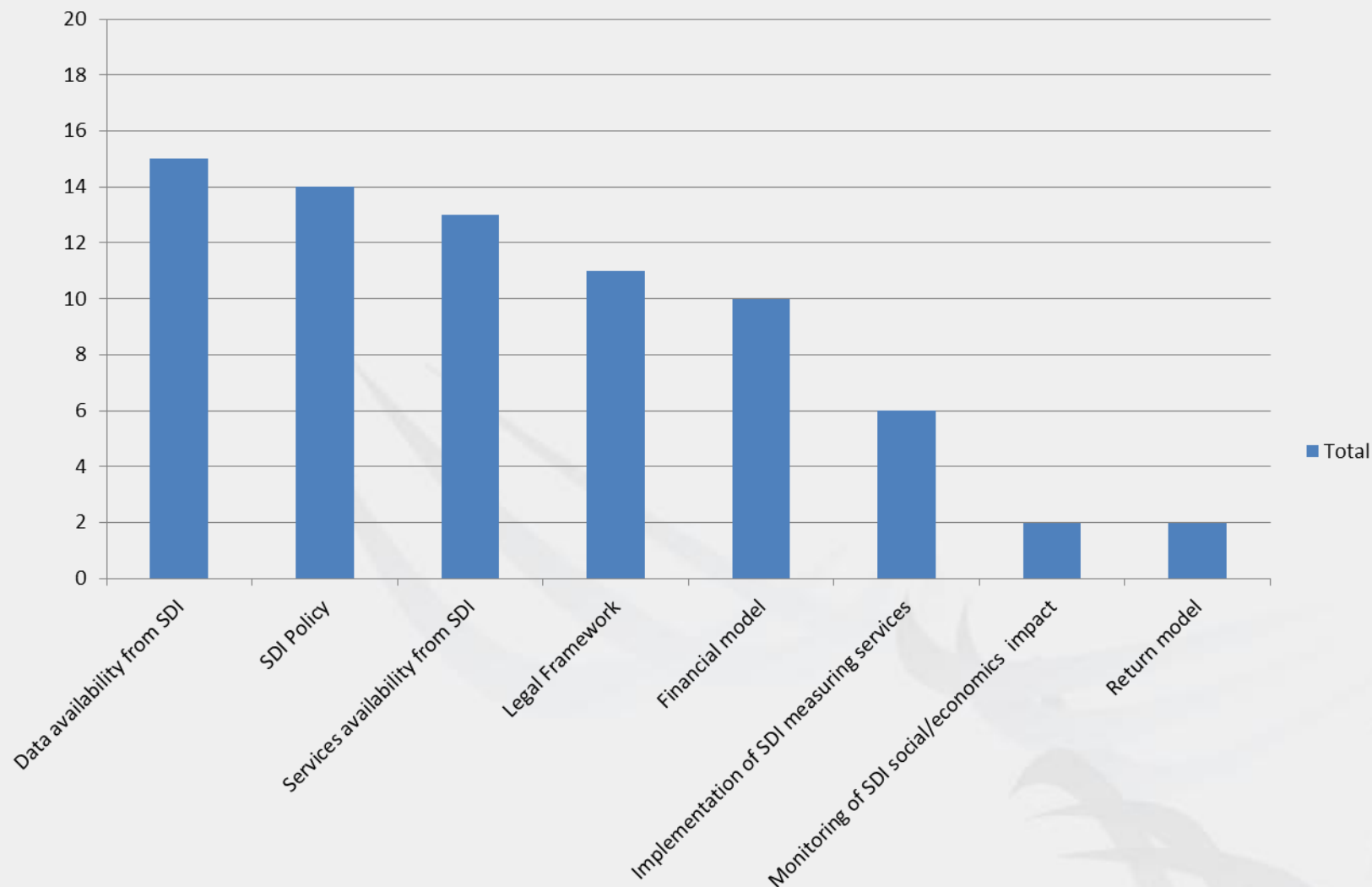
BEST PRACTICES - Existence of documented best practices and success stories



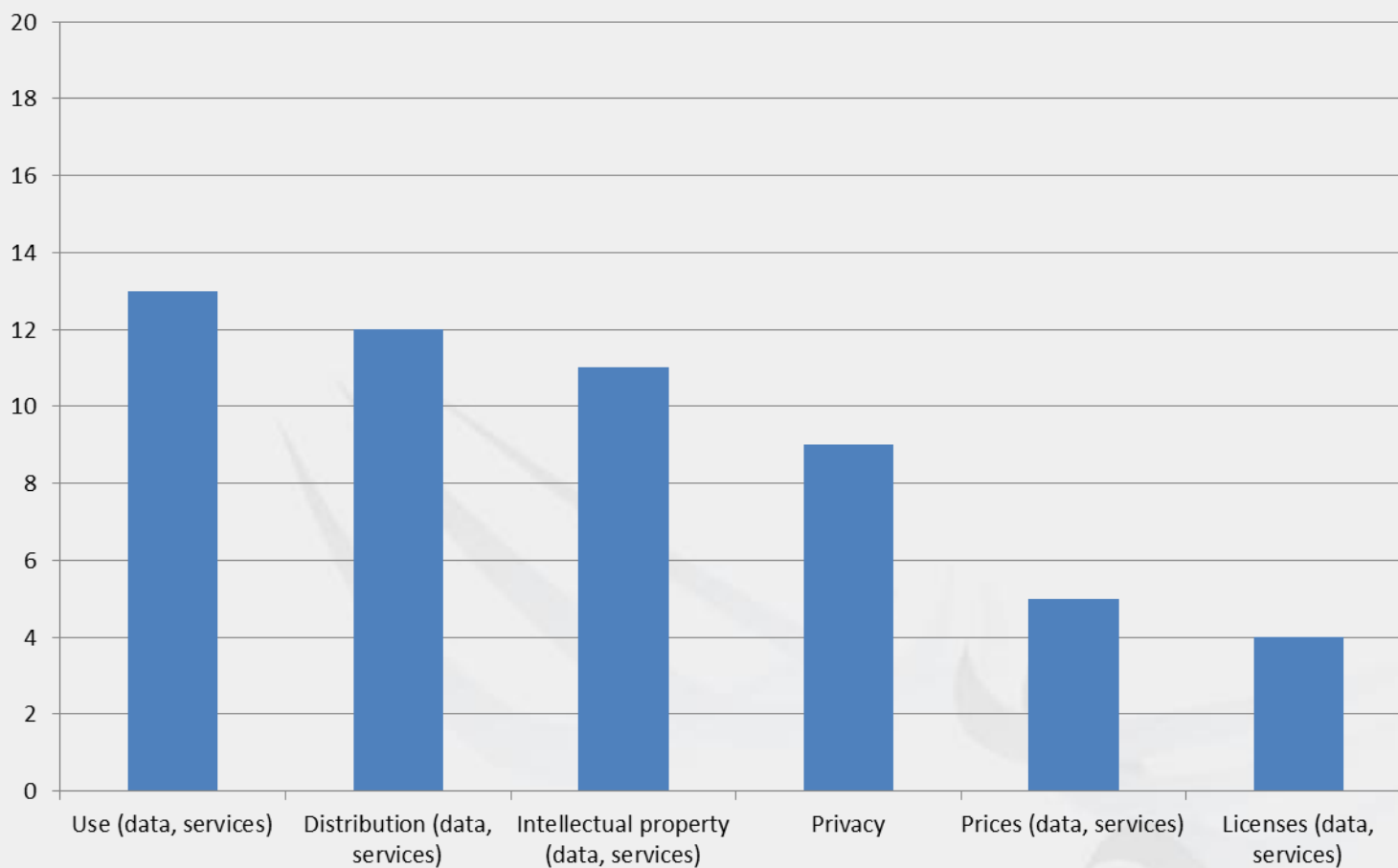
BEST PRACTICES – Number of countries that declare needs of best practices in the Americas by SDI theme



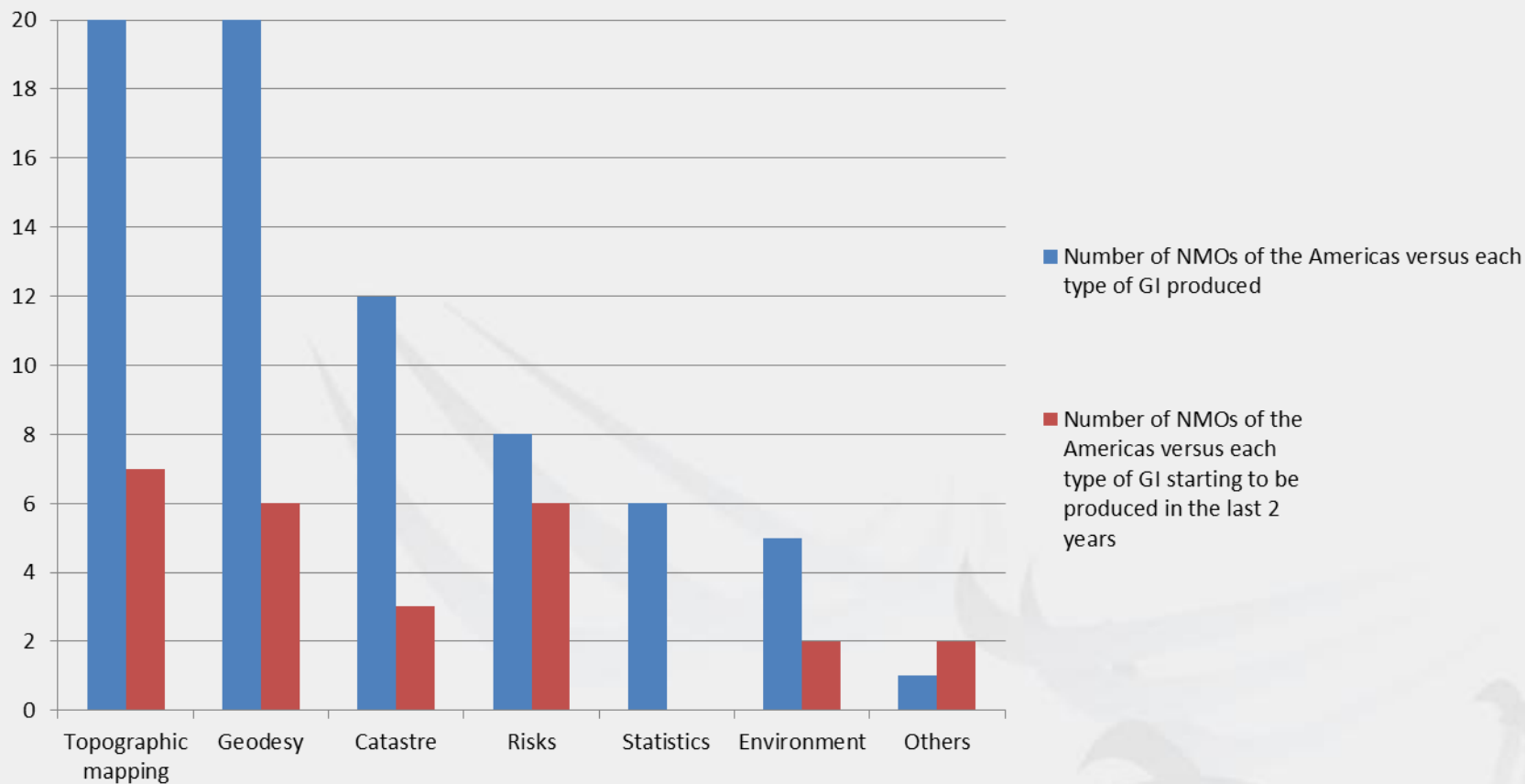
SDI DEVELOPMENT ASSESSMENT - Number of countries meeting SDI relevant issues



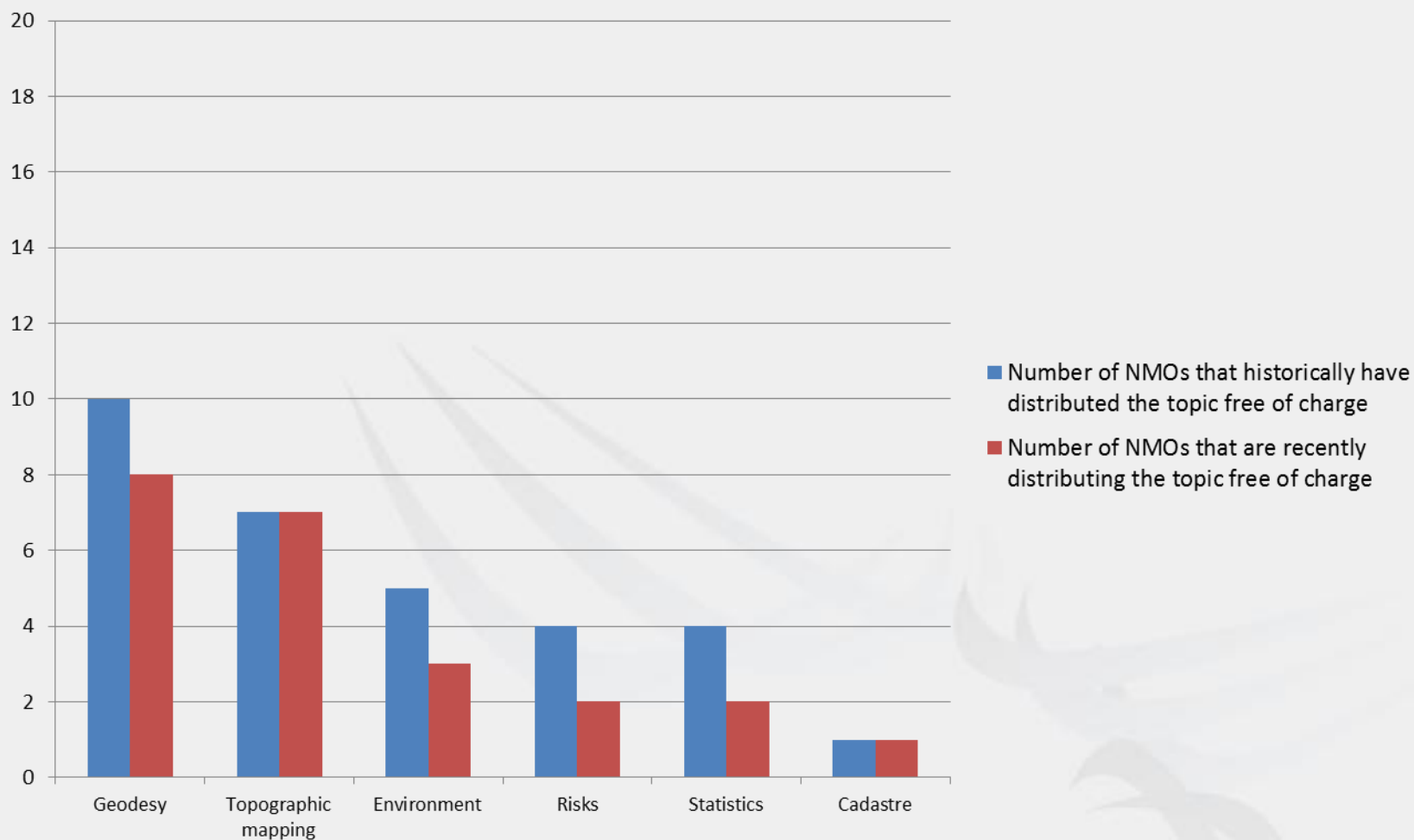
SDI DEVELOPMENT ASSESSMENT - Scope of SDI policies – number of countries in which the topic is addressed by the SDI policy



INNOVATIONS IN NMOs - Number of NMOs of the Americas versus each type of geospatial information (GI) produced and those which started to produce these topics during the last 2 years



INNOVATIONS IN NMOs - Number of NMOs of the Americas versus each type of GI distributed free of charge; and the number of those which started doing it in the last two years



Conclusions

In general

- Advances in SDI legal framework, SDI policies, availability of data and services and framework data
- Low level of monitoring SDI social and economic impact
- Lack of documentation and dissemination of best practices
- Low level of standardization on thematic information

Capacity building

- Priority contents in capacity building were identified
- Preferences on modality of courses were also identified, prevailing face to face modality
- Necessity of an inventory on Web alternatives

Standards

- In terms of standards, now we have an overview on the status
- An important issue to consider is modelling and documentation of thematic data . PC-IDEA should support the countries in this way

Conclusions

- There are different status in the use of international standards (ISO and OGC)
- A minimum core of standards should be defined for the region

Best Practices

- Many of the consulted countries are not documenting
- PC-IDEA must promote this activity in the region
- Efficient mechanisms for disseminating best practices by virtual means
- Solutions to the language barriers must be provided

SDI institutional

- Those countries with established legal framework and operating funding model show higher levels of SDI advance
- The challenge for PC-IDEA is to support those countries going slower in their processes

Innovations at NMOs

- Information about risks have been incorporated to the production of NMOs in the major proportion
- There is a trend to deliver information free of charge

Acknowledgements

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