

# PC-IDEA Initiatives towards Spatially Enabling the Americas

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# CP-IDEA



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## Permanent Committee for Geospatial Data Infrastructure of the Americas (PC-IDEA)

Established on February 29, 2000, based on the Resolution #3 of the 6<sup>th</sup> United Nations Regional Cartographic Conference for the Americas – UNRCC-A (1997)



- To maximize the economic, social and environmental benefits derived from the use of Geospatial Information
- Accomplished through knowledge and exchange of experiences and technologies between countries, based on common standards which would allow the establishment of the Geospatial Data Infrastructure of the Americas
- It implements the regional mechanism associated to the United Nations Global Geospatial Information Management (UN-GGIM) initiative

# PC-IDEA Objectives

- Establish and coordinate policies and technical standards for the development of geospatial data infrastructure for the Americas
- Promote the establishment and development of NSDI in each PC-IDEA member country
- Promote the interoperability of information and systems among member countries, through the use of standards
- Encourage the sharing of geospatial information among all member countries in the Americas, while respecting their autonomy and their national laws and policies
- Stimulate cooperation, research, complementation and sharing of experience in areas of knowledge related to geospatial data
- Advise in the drafting of guidelines and strategies to support PC-IDEA member countries in developing geospatial information, considering the individual needs of each country
- Set priorities for information sharing, considering the regulatory framework of each member country
- Promote SDI training activities and technology transfer



## PC-IDEA Member countries



**Argentina**



**Belize**



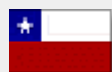
**Bolivia**



**Brazil**



**Canada**



**Chile**



**Colombia**



**Costa Rica**



**Cuba**



**Dominican  
Republic**



**Ecuador**



**El Salvador**



**Guatemala**



**Guyana**



**Honduras**



**Jamaica**



**Mexico**



**Nicaragua**



**Panama**



**Paraguay**



**Peru**



**United States**



**Uruguay**



**Venezuela**

PC-IDEA implements the resolutions of the United Nations Regional Cartographic Conferences for the Americas (UNRCC-A), held every 4 years

## PC-IDEA Membership per region

Region	Number of countries	Number fo PC-IDEA Member countries	%
North America	3	3	100
Central America	7	7	100
South America	12	11	92
Caribbean	13	3	23

## Executive Board (2009 – 2013)

***President (Brazil)***



***Vice President (Chile)***



***Executive Secretary (Brazil)***



***Vocal Member  
(North America:  
USA)***



***Vocal Member  
(Central America:  
Guatemala)***



***Vocal Member  
(Caribbean)***

***Vocal Member  
(South America:  
Chile)***





# Resolutions of 9<sup>th</sup> UNRCC-A (being implemented by PC-IDEA in 2009-2013)

- ✓ Establishment of PC-IDEA Working Groups on:
  - a) Institutional strengthening, education and training
  - b) Technical standards and specifications
  - c) Best practices and applications
  - d) Innovations for national mapping agency business models
- ✓ Establishment of mechanisms for the construction of SDI in the region
- ✓ Survey on the state of mapping by countries
- ✓ Creation of a forum to exchange and share SDI best practices
- ✓ Organization of an event to discuss disaster and risk management and SDI
- ✓ Support of the construction of SDI in developing countries, especially in the Caribbean region





## PC-IDEA Institutional Activities (2009-2012)

- ✓ 9<sup>th</sup> United Nations Regional Cartographic Conference for the Americas – New York, Aug 2009: election of the 2009-2013 CP-IDEA Executive Board
- ✓ 5<sup>th</sup> Meeting of the Executive Board – New York, May 2010
  - ✓ Establishment of the PC-IDEA Working Group on Planning (GTplan)
- ✓ Participation in UN-GGIM preparatory meetings – Oct 2009, May 2010, Apr 2011
- ✓ Establishment of new Statutes – May 2011
- ✓ 7<sup>th</sup> PC-IDEA Meeting – Rio de Janeiro, August 2011, along with the Latin American Geospatial Forum
- ✓ 8<sup>th</sup> PC-IDEA Meeting – Seoul, Oct 2011, along with the 1<sup>st</sup> High Level Forum on UN-GGIM and the 1<sup>st</sup> Session of the UNCE-GGIM
- ✓ 9<sup>th</sup> PC-IDEA Meeting – Rio de Janeiro, August 2012, along with the Latin American Geospatial Forum



## PC-IDEA Working Group on Planning (GTplan)

- Established during the 5<sup>th</sup> Executive Board meeting held in May 2010 in New York
- Composed by 7 countries representatives: Brazil, Canada, Chile, Colombia, Cuba, Guatemala and Mexico, under the leadership of Chile and the co-leadership of Canada
- Working on the implementation plan of 7 resolutions issued by the 9<sup>th</sup> UNRCC-A, held in August 2009 in New York
- 4 meetings held so far:
  - December 2010, in Rio de Janeiro
  - May 2011, in New York
  - August 2011, in Rio de Janeiro
  - February 2012, in Rio de Janeiro



# PC-IDEA Working Group on Planning (GTplan)

Working plan covering 7 themes,  
each one under the responsibility of a country representative

Institutional capacity  
building (Colombia)

Standards and  
technical specifications  
(Mexico)



Source: O Estadão Newspaper

Best practices and  
guidelines for the  
development of SDI  
(Canada)

Innovations in  
National Mapping  
Organizations (Brazil)

Knowledge gathering on topics relevant to SDI for the region (observatory on SDI)  
(Guatemala/Chile)

Assessment of the status of SDI development in the Americas (Cuba/Canada)

Technological means for discussions related to SDI (Chile)

## PC-IDEA Working Group on Planning (GTplan)

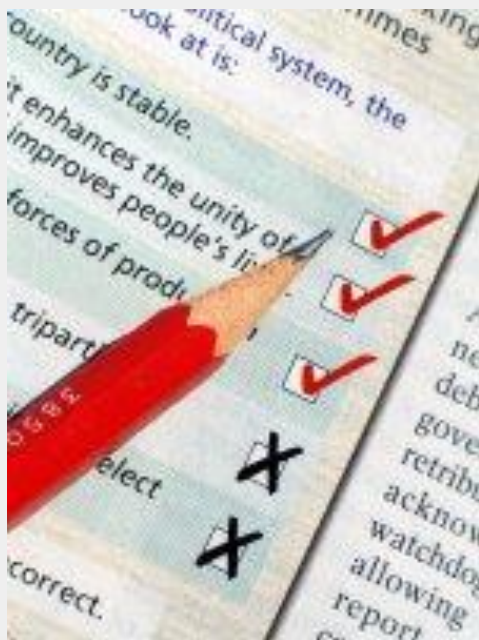
To support the activities on themes:

- Institutional capacity building
- Standards and technical specifications
- Best practices and guidelines for the development of SDI
- Innovations in National Mapping Organizations
- Assessment of the status of SDI development in the Americas

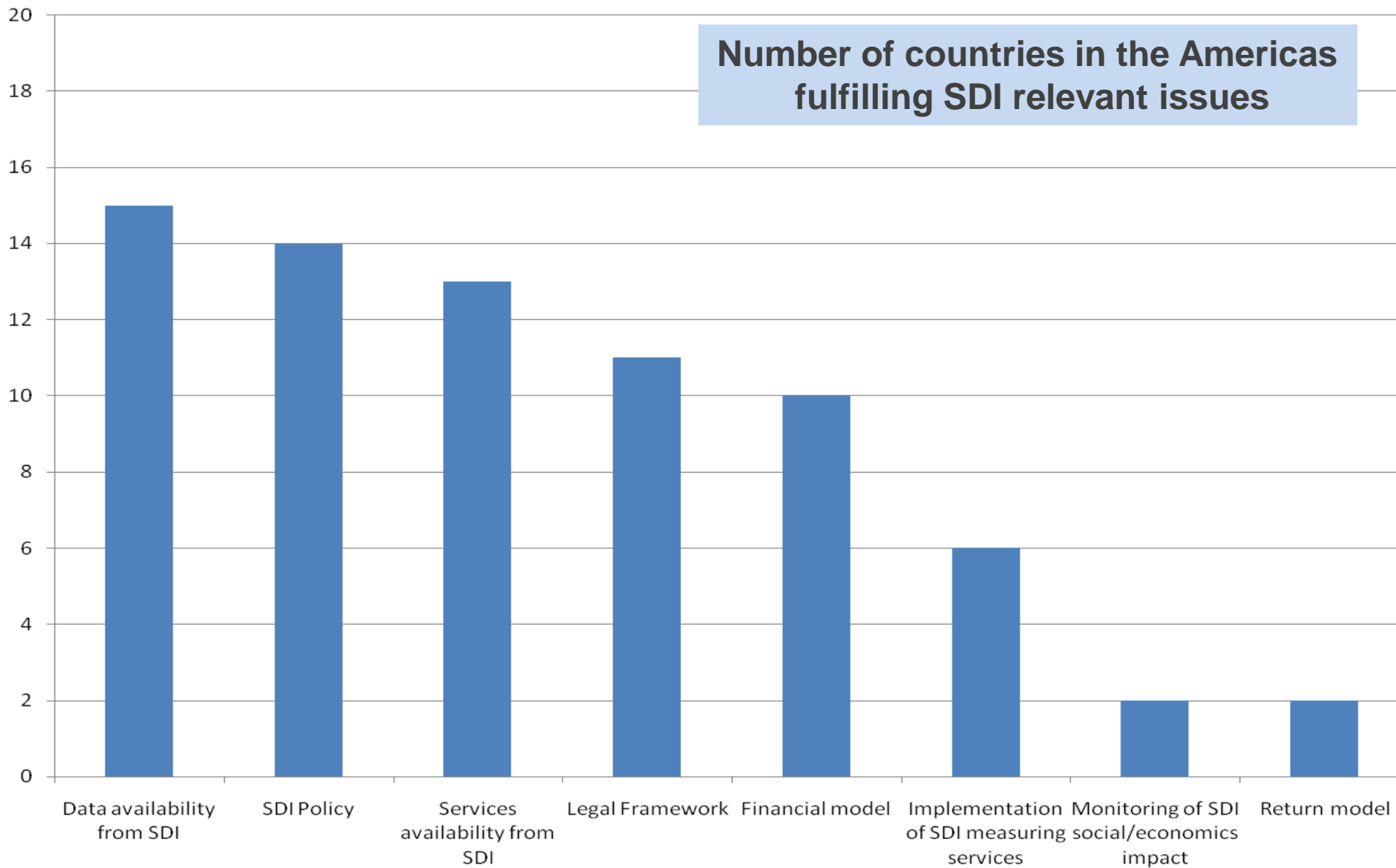


A questionnaire with 76 questions was designed by GTplan and applied to PC-IDEA member countries in 2011

- 20 out of the 24 members replied to the questionnaire
- Report on questionnaire results to be published by Aug 2012



# PC-IDEA Questionnaire Results



# PC-IDEA Questionnaire

Detailed results of the questionnaire presented this morning:



4.4b - An overview on the status of SDI relevant issues in PC-IDEA member countries (Álvaro Monett and Paula McLeod, GTplan Coordinators)



In 2013 a simplified version of the questionnaire is planned to be resubmitted to PC-IDEA member countries in order to monitor SDI advances and progress during the 2011-2013 time period



## • Capacity Building

- Implementation of an observatory to give access to the existing courses and to receive the existing demand
- Conclusion of the Capacity Building Plan for the Americas

## • Standards

- Definition of the Core Standards of the Americas

## • Best Practices

- Preparation of the PC-IDEA Cookbook, including a chapter on the social and economic impacts of SDI

## • Innovation

- Realization of a study related to the institutional models of National Mapping Agencies and of those responsible for National SDIs, identifying weaknesses and strengths

## • SDI Observatory and Technology

- Development of a new website, with functionalities that implement the discussion forum mentioned in the 2009 UNRCC-A resolutions





# PC-IDEA Website

<http://www.cp-idea.org>



Inicio

CP-IDEA

Noticias

Enlaces IDE

Actividades

Login

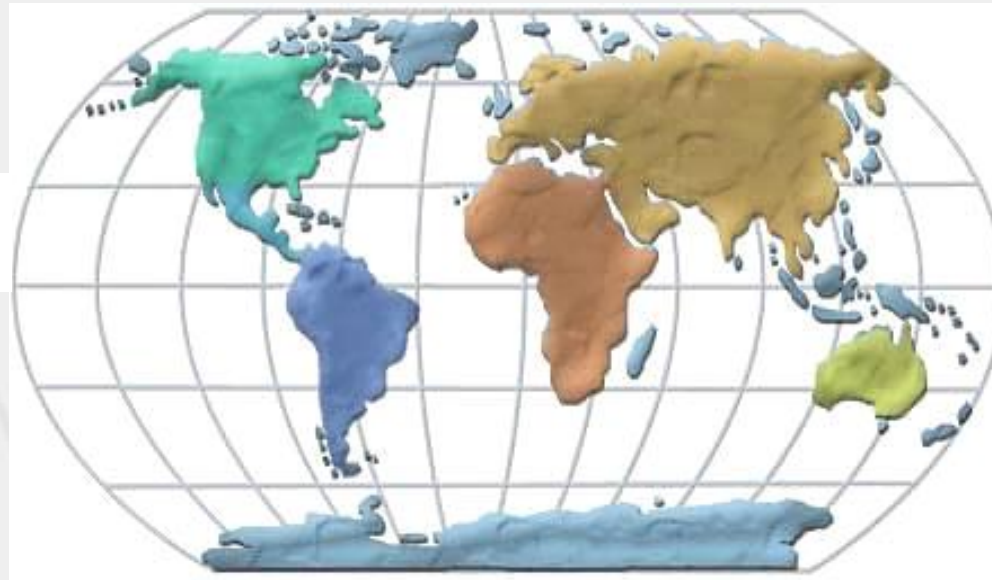
Banco de Normas

Observatorio de  
Capacitación



Herramienta elaborada para compartir capacidades entre los países miembros del CP-IDEA, de una manera sostenible en el tiempo y apuntando a las necesidades y temáticas relevantes en la región. Pretende conectar la oferta y la demanda por talleres, cursos y programas

# The Global Context



**We are faced with global issues that require global collaboration!**

# Global Collaboration

## Why do we need a forum ?

- To coordinate and dialogue among nations and between nations and relevant international organizations to propose work-plans and guidelines
- To promote common principles, policies, methods, mechanisms and standards for the proper management of geospatial data and services

July 2011: ECOSOC established the UNCE-GGIM as the official UN consultative mechanism on GGIM

Nations of the world are invited to reflect on the need of establishing/updating institutional arrangements and geospatial policies to spread the proper use of geospatial technologies, data and services



# United Nations Global Geospatial Information Management Initiative

GGIM Home | UN Home | Department of Economic and Social Affairs | UN Statistics Division

Contact Us



**GGIM** | United Nations Initiative on  
Global Geospatial Information Management

## PARTNERS

Countries  
International Organizations  
UN Agencies

## PROJECTS WITH MEMBER STATES

### UN Map

A global multi-scale geospatial dataset for rapid map production and web mapping in support to the Security Council and the Secretariat including UN field missions...

[more](#)

### Global Map

An international cooperation initiative, aiming to develop a digital geo-information framework ensuring spatial resolution at 1 km...

[more](#)

### UN International

## ABOUT GGIM

The UN Programme on Global Geospatial Information Management (GGIM) aims at playing a leading role in setting the agenda for the development of global geospatial information and to promote its use to address key global challenges. It provides a forum to liaise and coordinate among Member States, and between Member States and international organizations.

[more](#)

## GGIM NEWS

### AFRICA PREPARATORY GGIM MEETING ADOPTS THE ADDIS ABABA DECLARATION

11 August 2011 -- The African preparatory meeting on the Global Geospatial Information Management (GGIM) closed in Addis Ababa, Ethiopia Wednesday 10 August with the adoption of the Addis Ababa declaration on geospatial information management in Africa. The three-day meeting recommended that African countries, the Economic Commission for Africa (ECA) and the African Union Commission, should finalize and implement the African Action Plan on Geospatial Information Management.

[Press Release](#)

### UN CREATES EXPERT GROUP TO CONSULT ON MANAGING GEOSPATIAL INFORMATION

2 August 2011 -- The ECOSOC made history last week in Geneva by establishing a new

## GEOSPATIAL INITIATIVES

### UNGEGN

United Nations Group of Experts on Geographical Names

### UNRCC

United Nations Regional Cartographic Conferences

### SDI & RP

National Practices in Geospatial Information Management

## MEDIA COVERAGE

### Videos by 'PennState Public Broadcasting'

Geospatial Revolution (four 15-minute episodes)

10 August 2011

### Article in 'The Nation, Nigeria'

UNECA urges African countries to



## 2<sup>nd</sup> Session of the UNCE-GGIM

Aug 13-15, 2012  
UN HQ, New York



## 2<sup>nd</sup> High Level Forum on Global Geospatial Information Management

Feb 4-6, 2013

Doha, Qatar





- Integration of efforts, complementing each other
- PC-IDEA: political, institutional and strategic frameworks
- GeoSUR: implementation of information delivery platforms



## 43 Meeting of the Steering Council

Santo Domingo, Dominican Republic, Nov 16-18, 2011

### Resolution #4

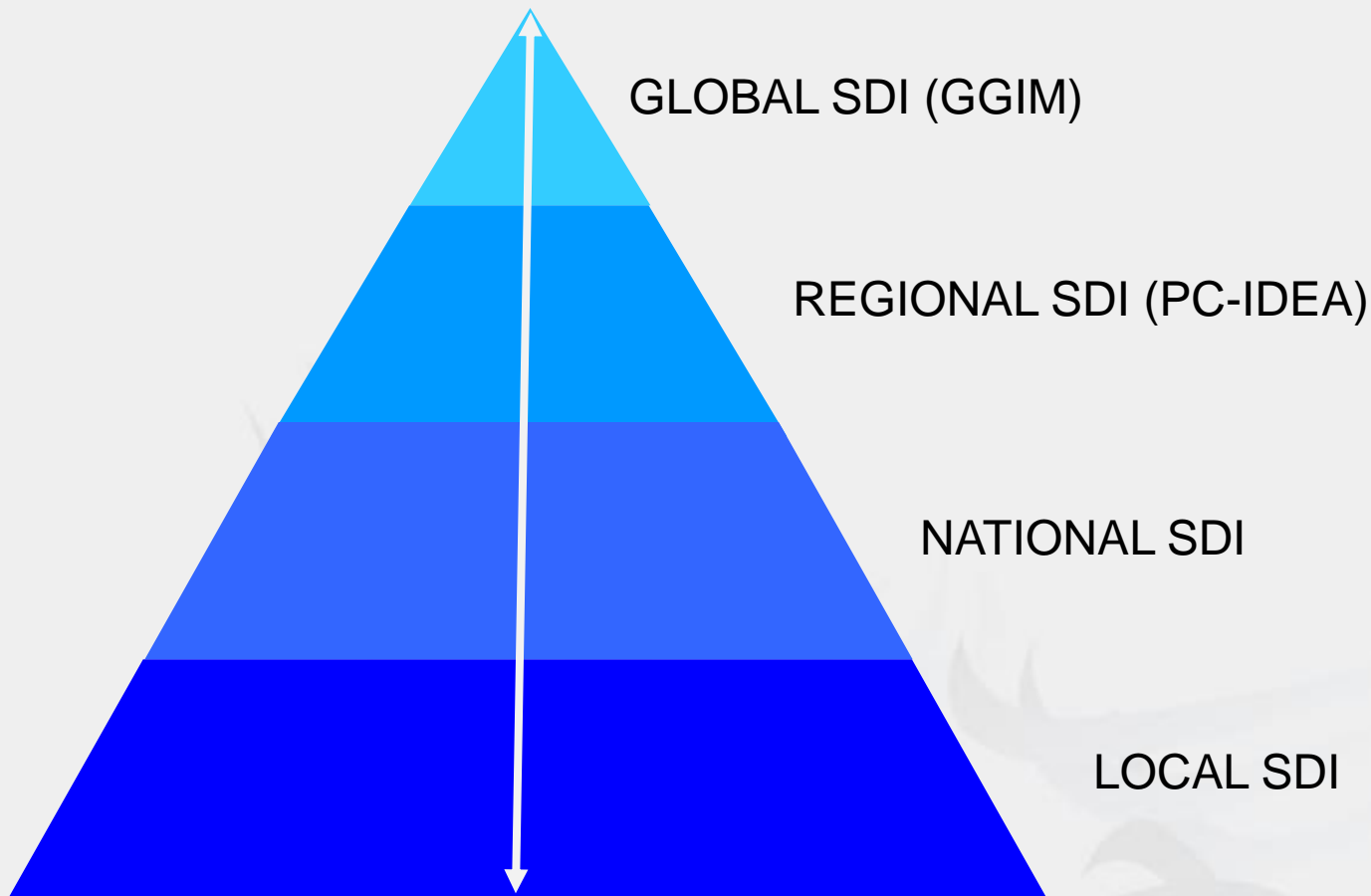
#### Establishment of PC-IDEA as a Committee of PAIGH Cartographic Commission

##### *Pro-tempore* Working Group

- Composed by PAIGH General-Secretary, President and Vice-President of the Commission of Cartography, and President of PC-IDEA
- To integrate PC-IDEA objectives into the Cartographic Commission working plan
- Results to be reported to Steering Council 44th Meeting

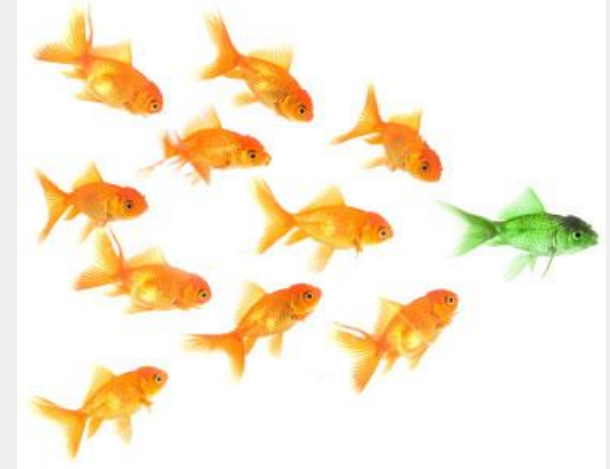


# Integration



## Final Remarks

- ✓ Nowadays an increasing importance is given to geospatial information by decision makers
- ✓ The current global scenario brings to the geospatial community a unique opportunity to work towards a spatially enable society
- ✓ The UN-GGIM initiative paves the way for the establishment of the necessary global political and institutional frameworks



- ✓ Regional initiatives, such as PC-IDEA in the Americas, play an important role in maximizing at regional level the economic, social and environmental benefits derived from the use of Geospatial Information through the establishment of Spatial Data Infrastructures

# Acknowledgements

We would like to thank  
GTplan for the hard work  
regarding PC-IDEA  
activities and the  
member countries'  
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supporting these  
activities

