Canada's update to PC-IDEA GT-Plan activities

Update on Subcomponent A, Item 3

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

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Wednesday, April 10, 2013
7th working group meeting PC-IDEA GT-Plan
Rio de Janeiro, Brazil

Presentation Outline

1. Overview of the PRA Project

2. Guidelines for the Implementation of SDI in the Americas

3. Update to the PC-IDEA survey

4. Next Steps

PRA Project

Assessment and compilation of best practices for PC-IDEA

1. Survey of Best Practices (January – September 2011)

2. Analysis of findings and needs (August – November 2011)

3. Development of guidelines for the implementation of SDIs in the Americas (April 2012 – January 2013)

4. Preparation of guidelines for publication and outreach/communications (February – August 2013)

5. Survey of Best Practices and analysis (February – July 2013)

PRA Results

FINAL PRODUCTS:

Report on the results of the 2011 survey

Compilation of Best Practices

Guidelines for the implementation of SDI in the Americas

Special Chapter on monitoring impacts and benefits of SDI

Glossary of Terms

Report on the results of the 2013 survey

PRA Questionnaire

Address the key components of SDI:

1.	**Policies**	(Regulatory framework, privacy, licensing, etc.)
2.	**Standards**	(Implementation, metadata, Web Map Service, etc.)
3.	**Technology**	(Open source, cloud computing, data dissemination, etc.)
4.	**Framework Data**	(Dissemination practices, base layer development, etc.)
5.	**Other**	(Capacity building, governance, leadership, funding etc.)

Focus on:

- existing guidelines and documents within member country

- case studies and success stories for SDI implementation

- existing guidelines and best practices outside of PC-IDEA region

- *needs for best practices and guidelines within member country (2011)*

- *needs by target audience (technical, managerial/policy, users) (2011)*

Needs for Best Practices

The 2011 survey found that there is a lack of documentation and dissemination of best practices.

- PC-IDEA must promote this activity in the region
- Efficient mechanisms for disseminating best practices
- Solutions to the language barriers must be provided

Many nations need guidelines for monitoring social and economic impacts and benefits of SDI initiatives

Guidelines for the Implementation of SDI in the Americas

- Development of SDI Manual for the Americas
  - Glossary of terms
  - SDI Manual
  - Chapter on Measuring and Monitoring SDI Benefits and Impacts

Development of SDI Manual

- Glossary of Terms to tool to ensure consistency among the members of PC-IDEA in the use of specific terms
- Contract with Hickling Arthurs and Low Corporation to support development
- Incorporation and reference of existing guides, best practices and case studies from the Americas and elsewhere, new content also developed
- Special chapter - *Measuring and Monitoring SDI Benefits and Impacts;* contract with renowned expert in the field to develop chapter
- Manual completed in February 2013
- French translation completed and review of French quality underway (April 2013)

SDI Manual for the Americas Outline

1. Introduction to the Manual
2. SDI Users and their Needs
3. SDI Economics
4. SDI Development Fundamentals
5. Framework Data
6. Standards
7. Policies
8. Technologies
9. Projects and Activities
10. Measuring and Monitoring Impacts and Benefits
11. Conclusions

Appendices:

References, Glossary of Terms, International Standards, Template for Documenting Good Practices

Acknowledgements

- Manual over 190 pages long in English
- Best efforts to get case studies and input from PC-IDEA members – no content provided
- Many Canadian examples, which could be updated/replaced by examples from PC-IDEA nations/members
- Contributions
  - GeoConnections: Paula McLeod, Rhian Evans, Simon Riopel and Jean Brodeur
  - HAL: Ed Kennedy, Tatiana Delgado, Betty Anne Benes
  - Garfield Giff, Joep Crompvoets

Publication

- Canada made a significant investment and Canada owns copyright (*Her Majesty the Queen in Right of Canada 2013*)

- Based on current NRCan publishing policy, the Manual will be published on the GeoConnections website http://geoconnections.nrcan.gc.ca/

- Under current Licence http://geogratis.cgdi.gc.ca/geogratis/en/licence.jsp

- PC-IDEA secretariat can download the Manual and accept the terms of the Licence. PC-IDEA can translate, modify and distribute the Manual and acknowledge Canada according to the terms of the licence

Next steps

1. Dissemination of compiled Best Practices on PC-IDEA website

2. Analysis of 2013 questionnaire and report

3. Publish Final *SDI Manual for the Americas* in English and French by GeoConnections Canada

4. PC-IDEA secretariat download Manual and accept terms of licence - translation to Spanish and Portuguese

5. Presentation of Manual and project results at Regional Cartographic Conference of the Americas, August 2013 NY

6. Other outreach and communications of Canada's project results and contributions to PC-IDEA

Thank You

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