"Competing for the Future"

The Panel: ***The Sector Leaders Today!***

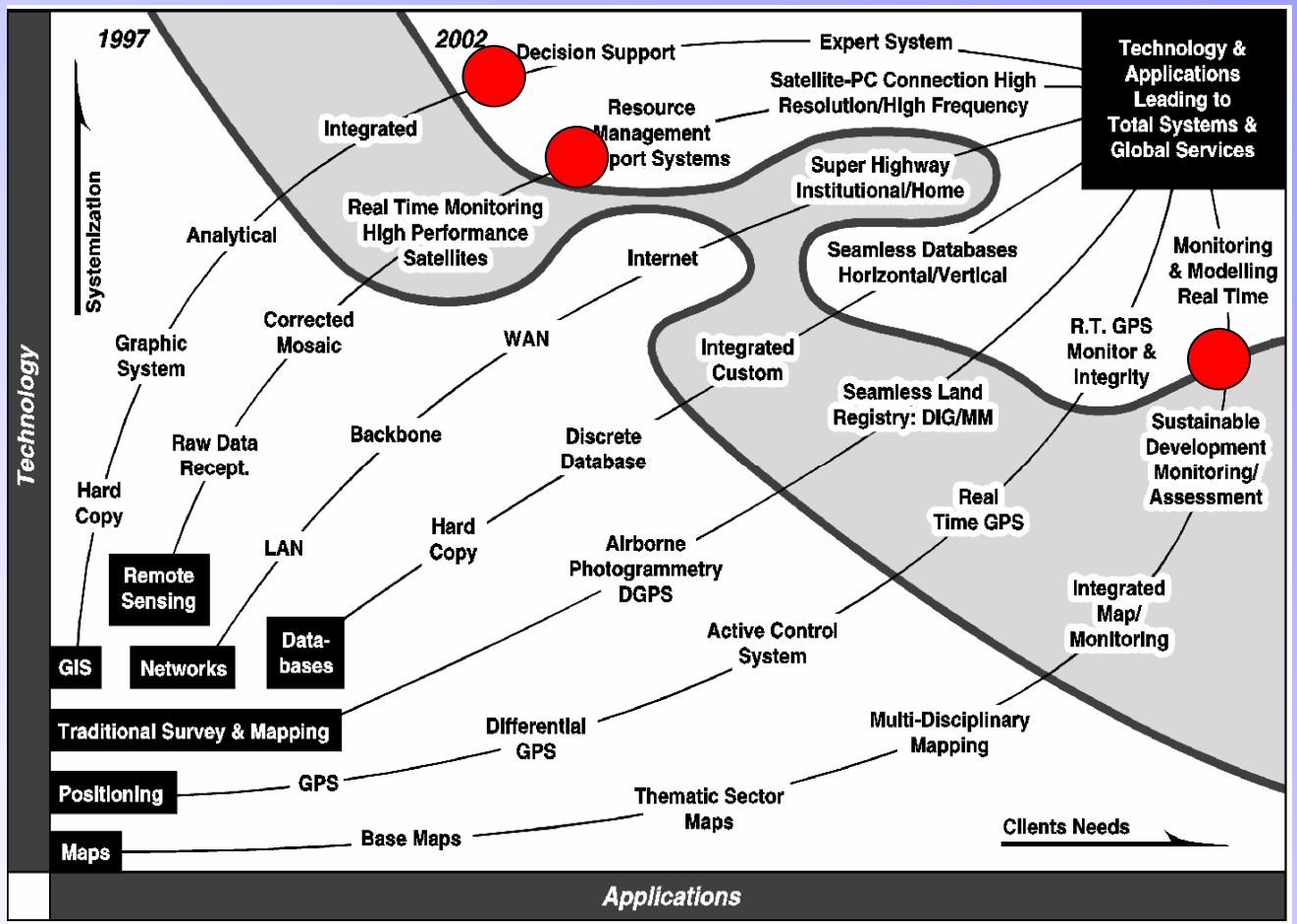
Terry Tarle, Bob Moses, Keith Thompson, Brian Maloney, Jeff Labonte

and You…..

Will they be the leaders in 2020?

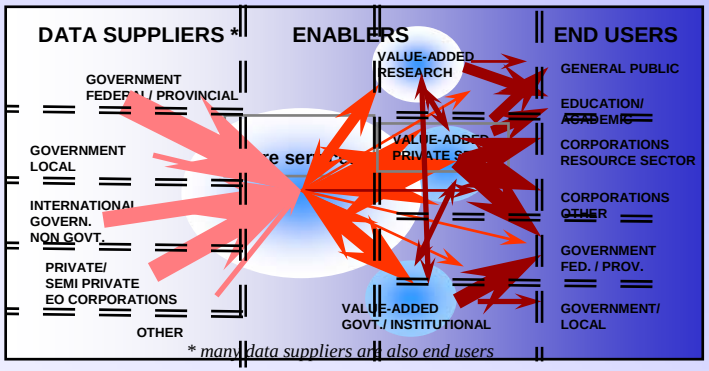
The 1994 Strategic Architecture

- In 1994 a number of managers in NRCan led by Ed Shaw developed the strategic architecture perspective of the future of geomatics, to improve the competitive position of the Canada in this sector
- The vision of the future turned out to be amazingly accurate; foe example at that time a GPS watch was foreseen to deliver and store real time information.
- This diagram was actually used in the strategic plan to visualize the planned progress within a 5 year time horizon (1997-2002)



Merging Visions of the Future: Theirs and Yours

Multi-Stakeholder Model



** many data suppliers are also end users*

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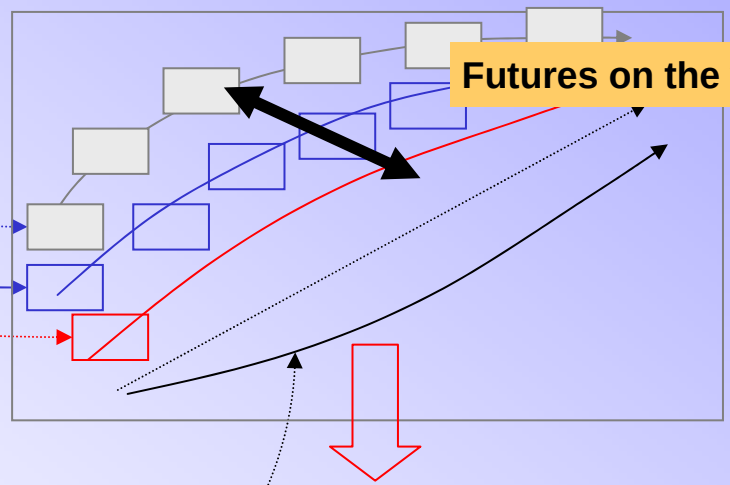
CIG Conference Futures Dialogue

Futures Panel



audience

Invitation and Worksheet to Participate in the Geomatics Futures Dialogue

June 15, 8:30 am , Plenary Hall, Westin Hotel, Ottawa

Geomatics Powering the Future

Contribute your Vision of the Future!

1. **The Keynote speech by Jack Smith sets the stage:** Combining Foresight and Strategic Geomatics: Developing Next Generation Technology Policy Approaches and Tools; June 14 9.00 am
2. **The multi-stakeholder future's panel will start the dialogue at 8:30, June 15**. The Panel: Bob Moses, Terry Tarle, Brain Maloney, Jeff Labonte, Keith Thompson and Jean Thie
3. **The virtual CIG web conference/ dialogue will continue the dialogue as contribution to next years Conference**
4. **This page can be your worksheet. Use it to prepare for the dialogue, and please hand it in to Jean Thie, moderator of the Futures Panel after the dialogue.**

Strategic Intent/ Outcome

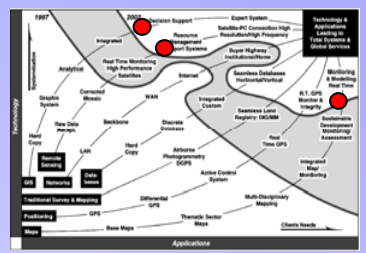
FUTURE

Barrier ??

PRESENT

PAST

Core Specialty
Key development

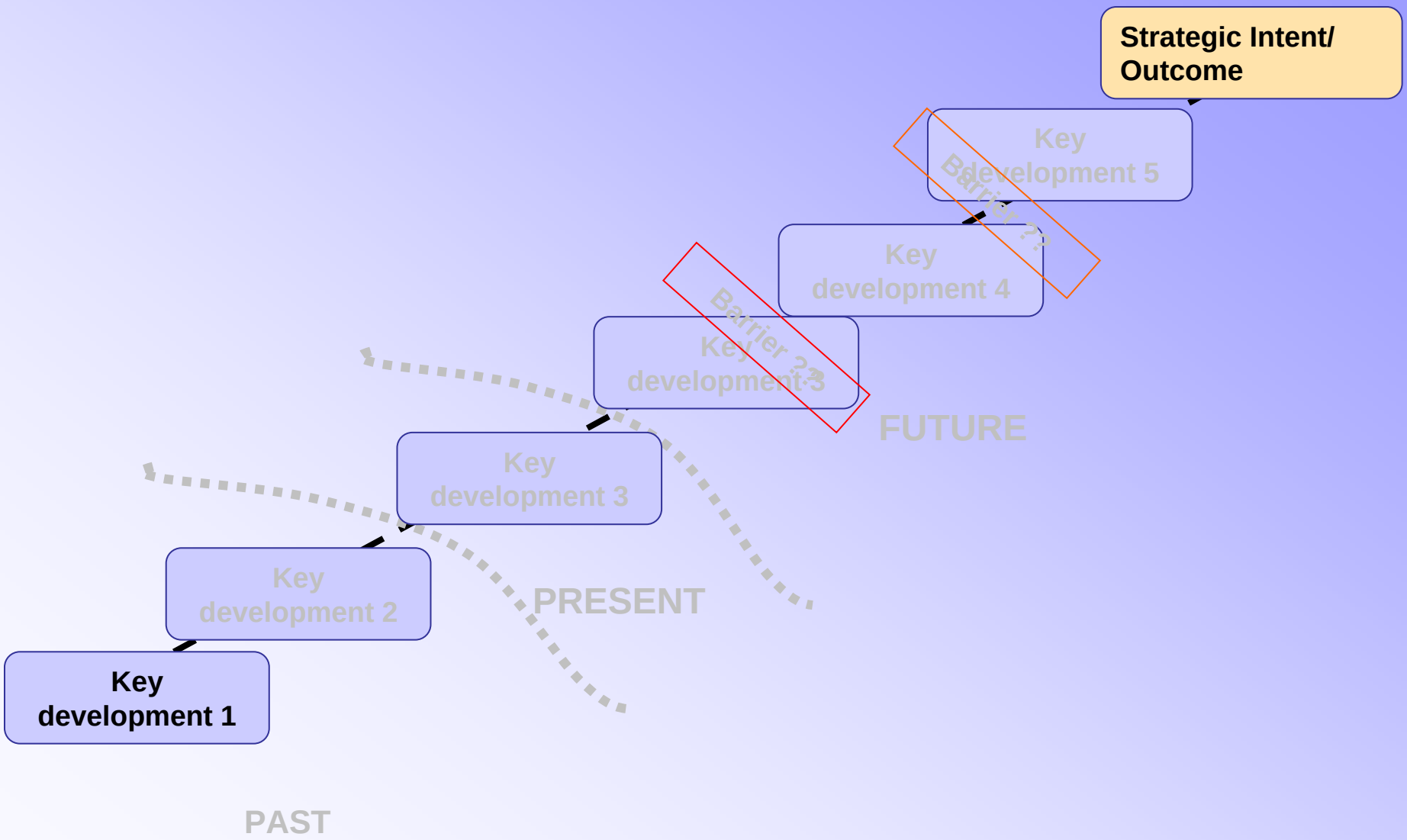


Approach : 10 years ago a number of NRCan Managers met to prepare a geomatics strategy map to the Future. This map turned out to be amazingly accurate. We would like to create a not jus a map, but a knowledge base like this for the next 20 years, accessible on the CIG website.

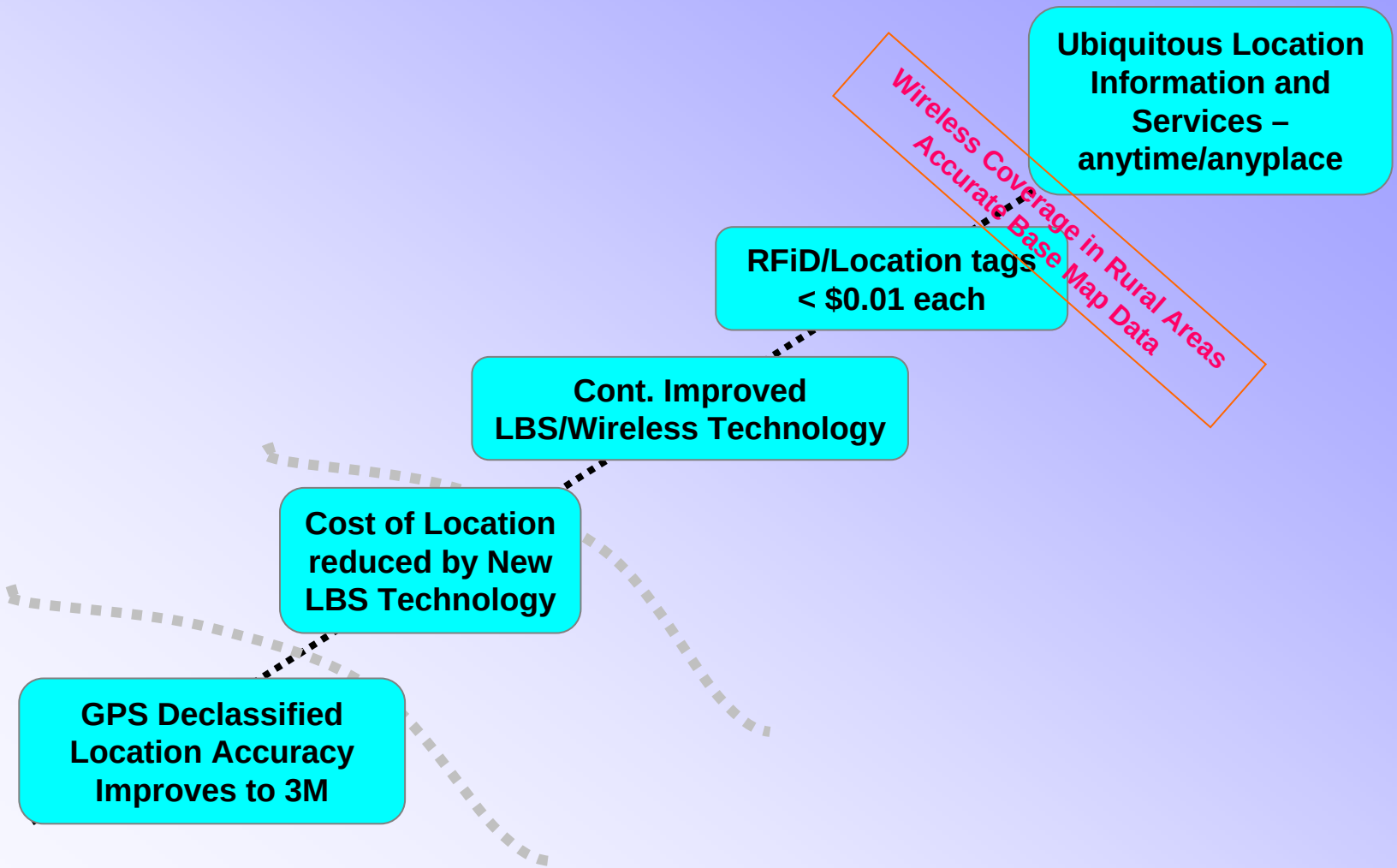
1. Develop your strategy line to the future in your unique competency area; R&D, technology, data supply, value-adding, end user. We are after a multi-stakeholder, multi-technology perspective.
2. Build on your knowledge of key developments of past/ present and forecast/ foresee "your" future for the next 10-20 years. Summarize the key developments as simple headings "on the cards" and provide more detail on the back of the sheet, if necessary.

Organization/ discipline: ;Name: email:

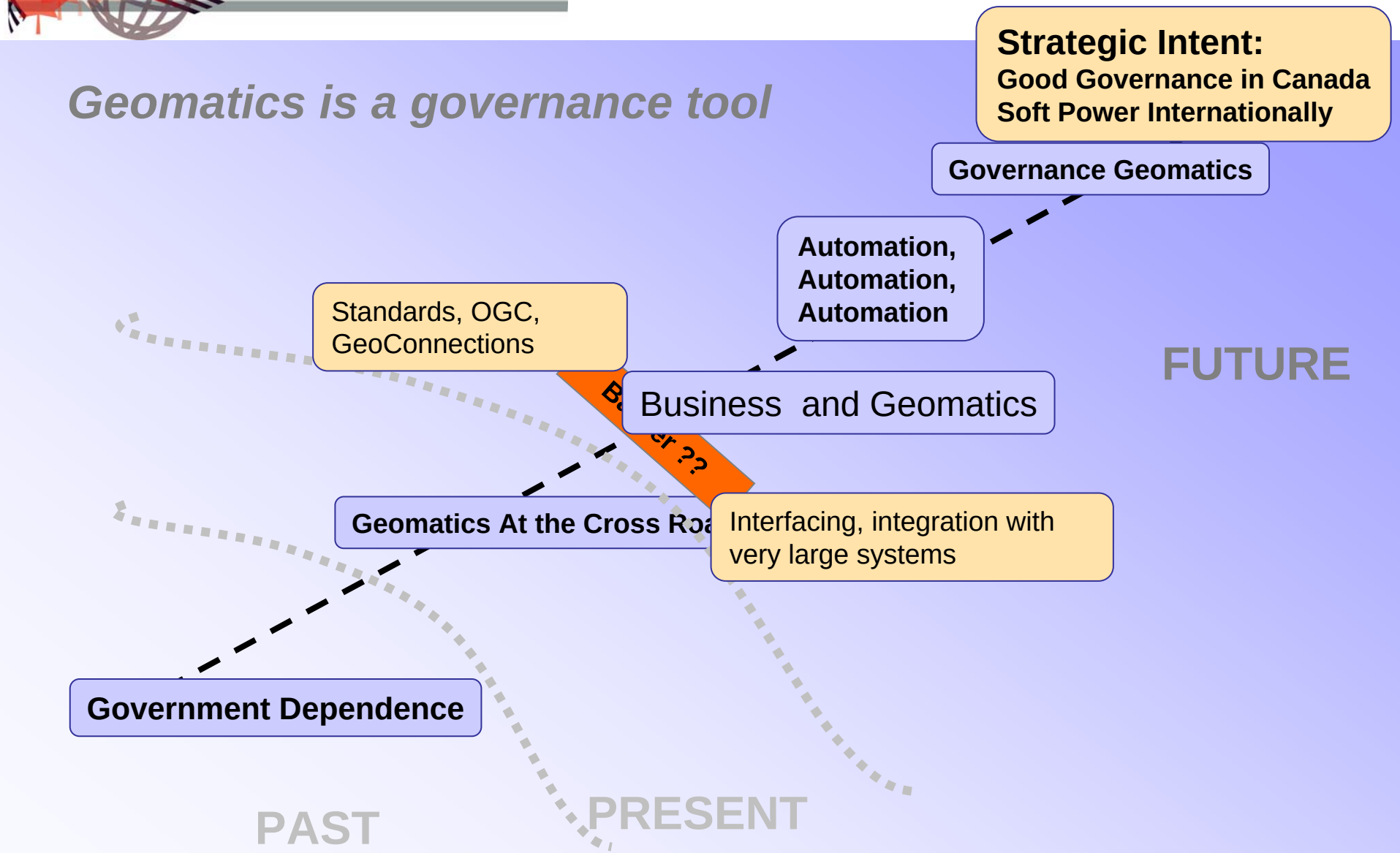
Strategic Architecture Approach



Terry Tarle, Sierra Systems



Bob Moses – PCI Geomatics



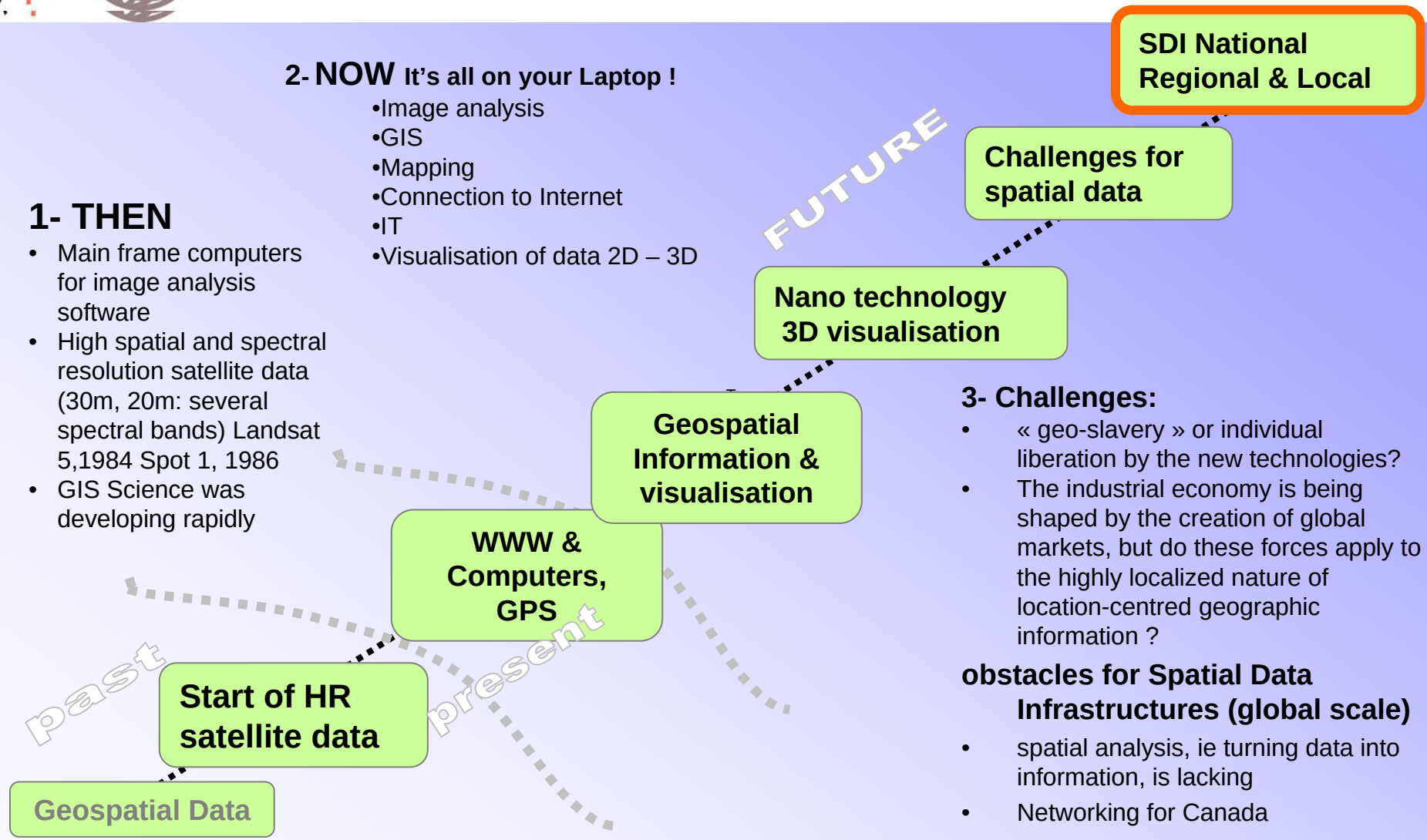
Geomatics is a governance tool

1- THEN

- Main frame computers for image analysis software
- High spatial and spectral resolution satellite data (30m, 20m: several spectral bands) Landsat 5,1984 Spot 1, 1986
- GIS Science was developing rapidly

2- NOW It's all on your Laptop !

- Image analysis
- GIS
- Mapping
- Connection to Internet
- IT
- Visualisation of data 2D – 3D



3- Challenges:

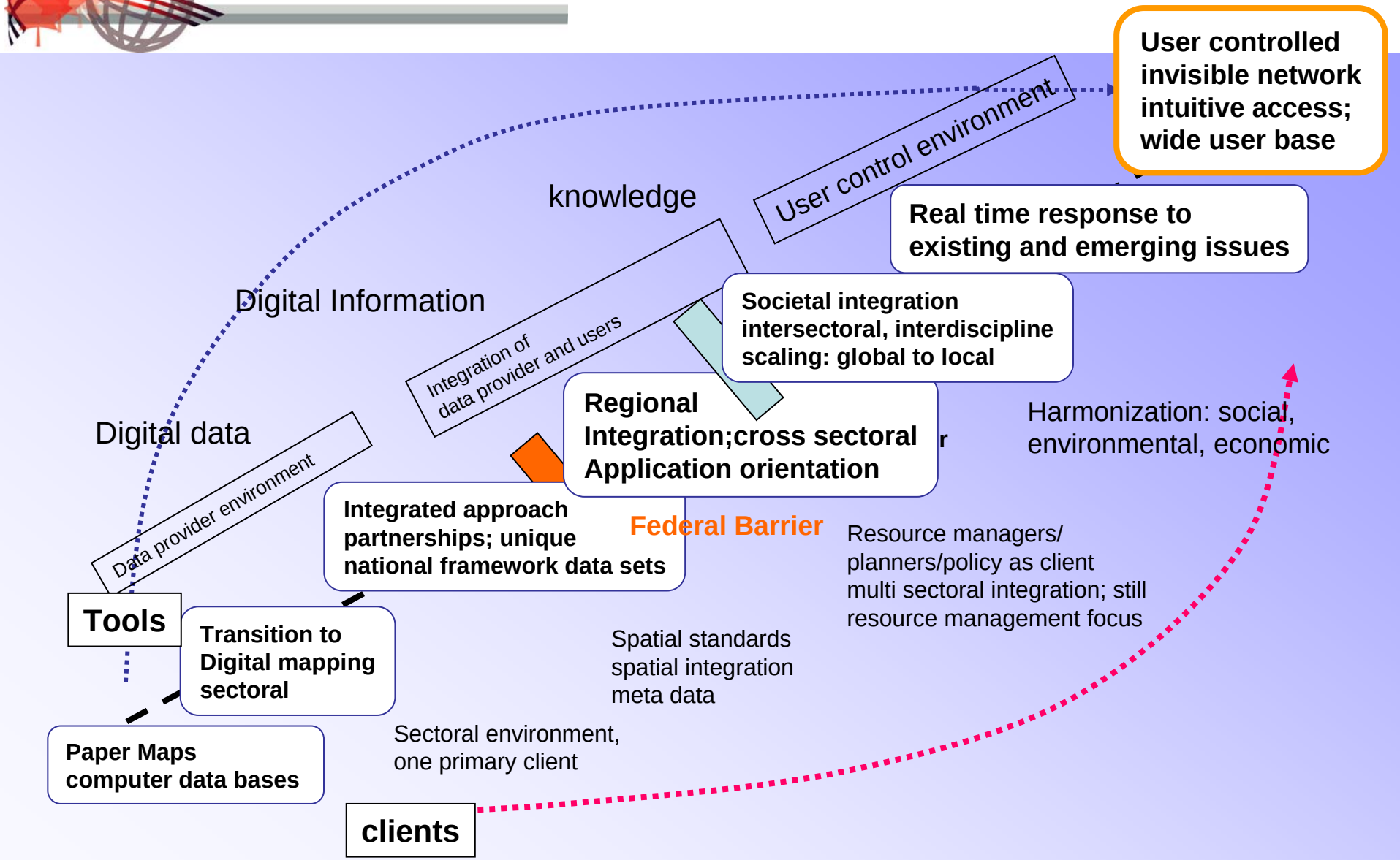
- « geo-slavery » or individual liberation by the new technologies?
- The industrial economy is being shaped by the creation of global markets, but do these forces apply to the highly localized nature of location-centred geographic information ?

obstacles for Spatial Data Infrastructures (global scale)

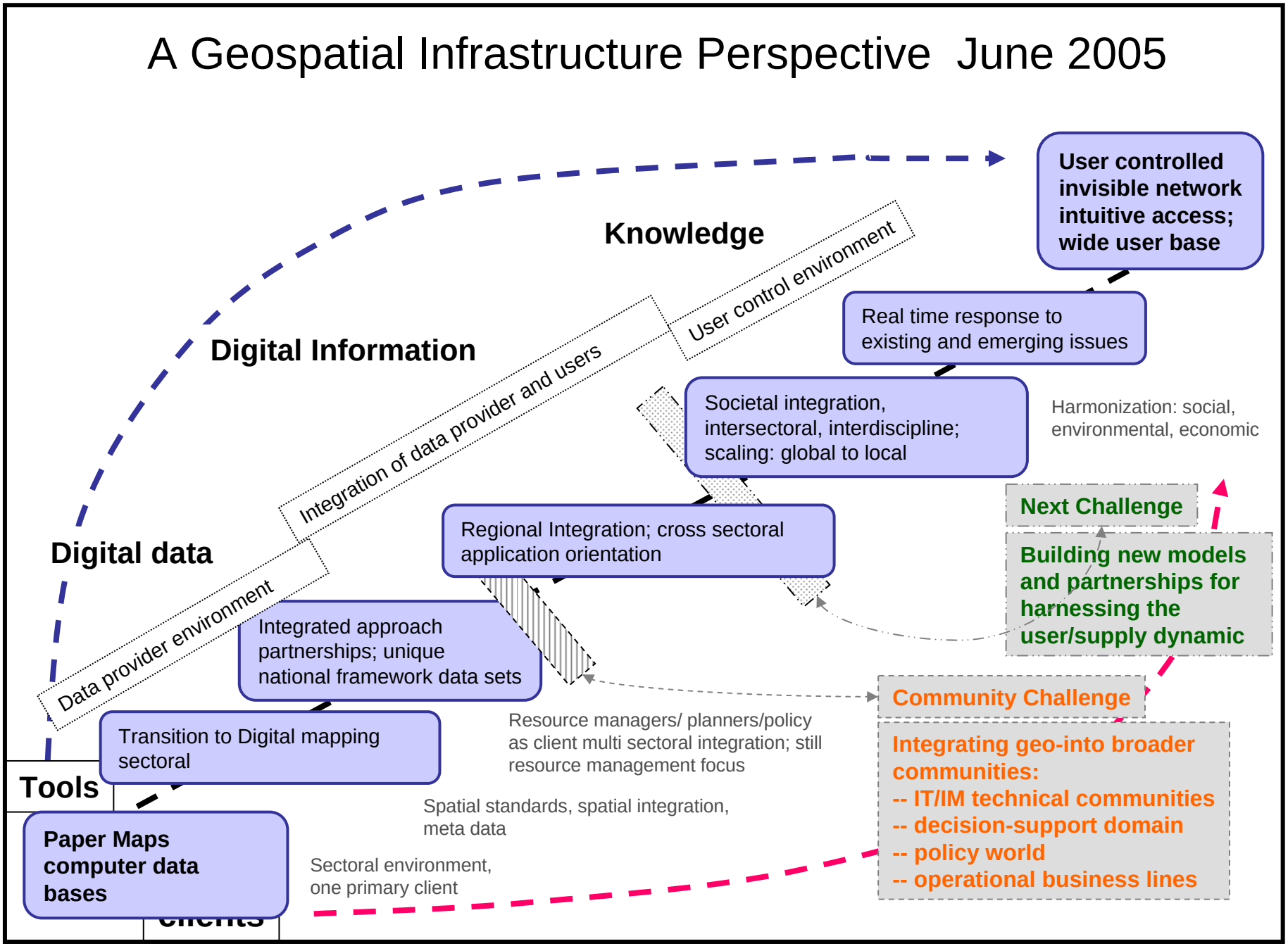
- spatial analysis, ie turning data into information, is lacking
- Networking for Canada

CGDI Strategic Architecture 1st Approximation

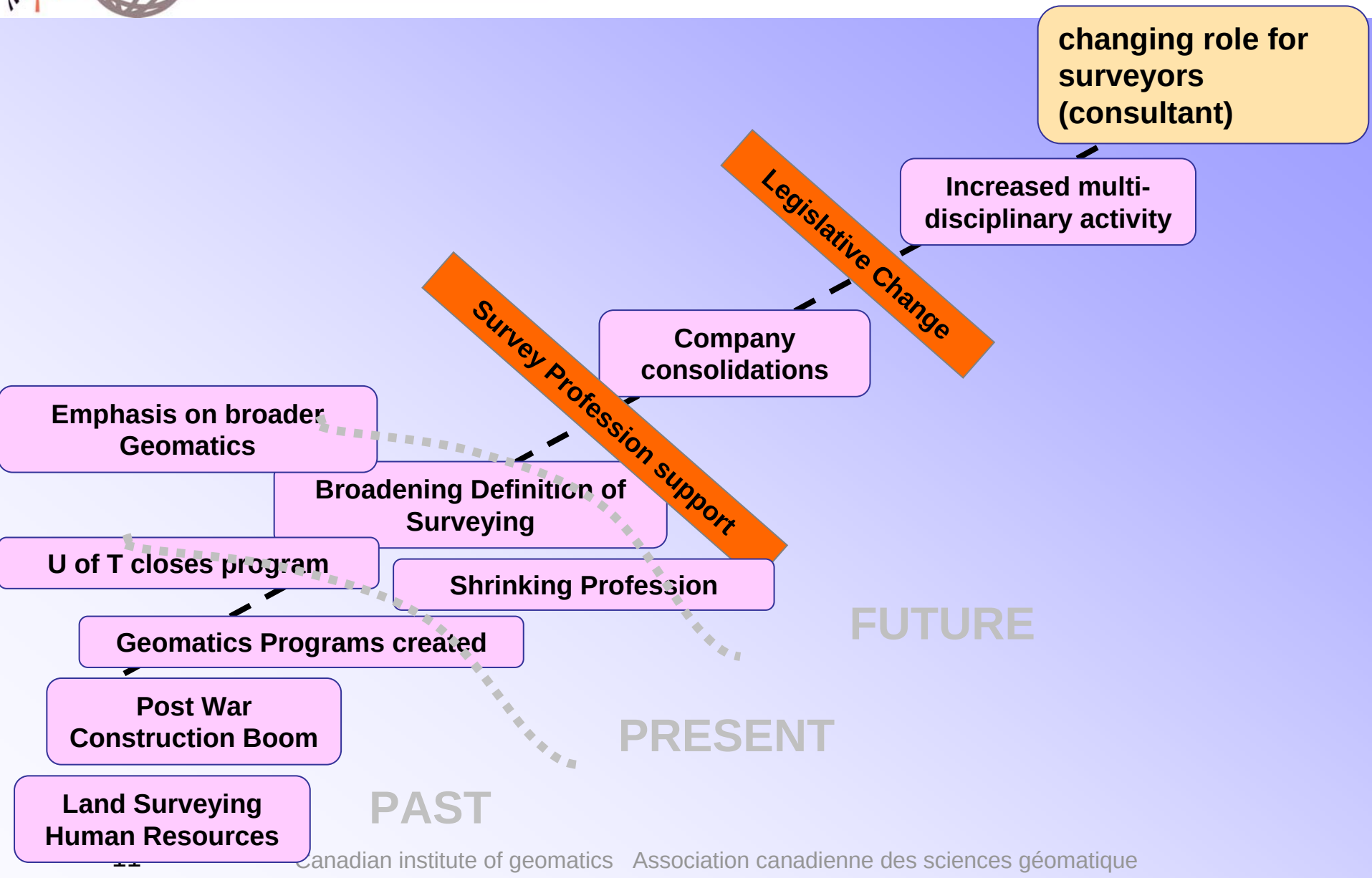
Discussion with Jeff Labonte, Oct. 1998



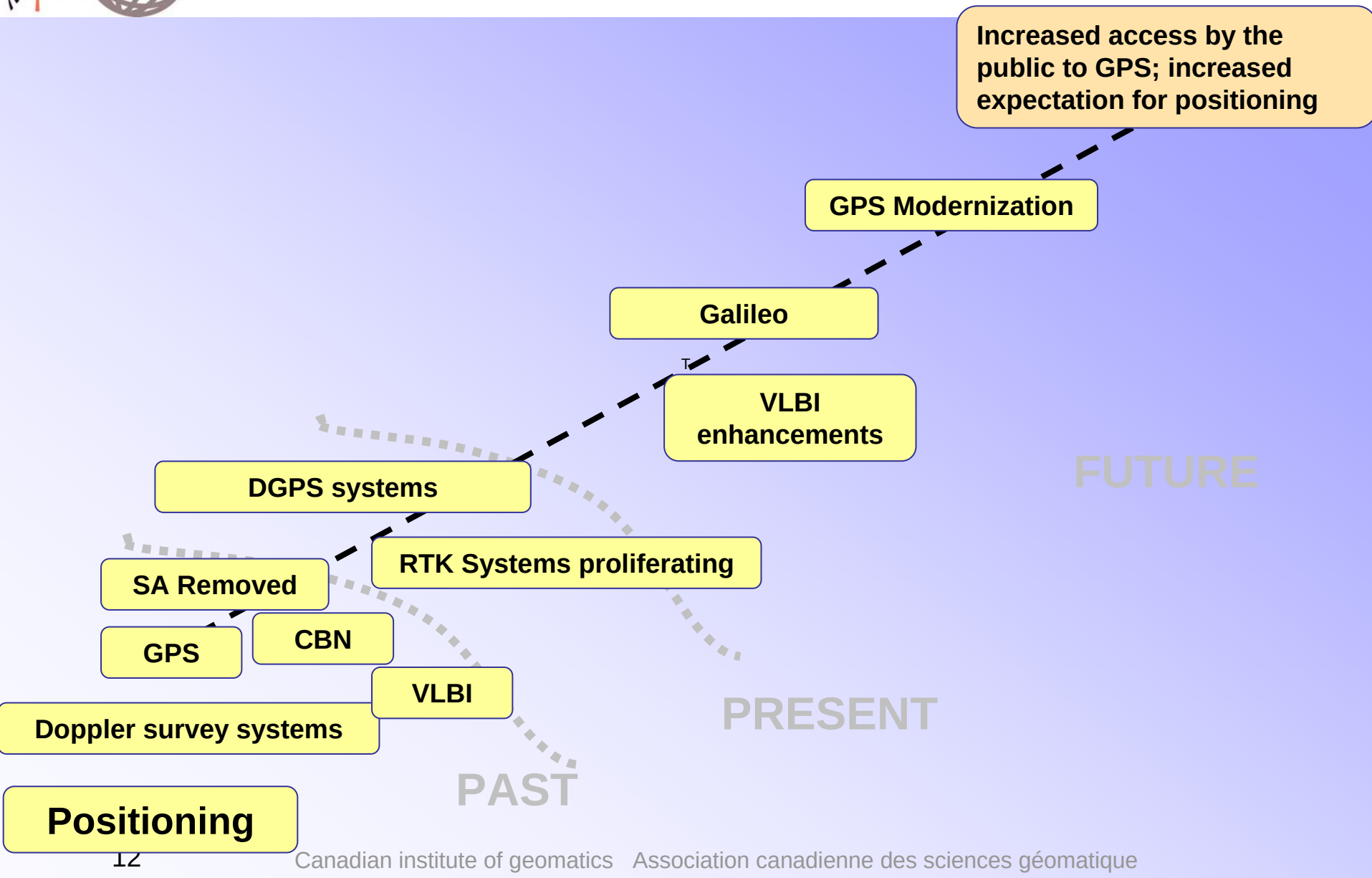
A Geospatial Infrastructure Perspective June 2005



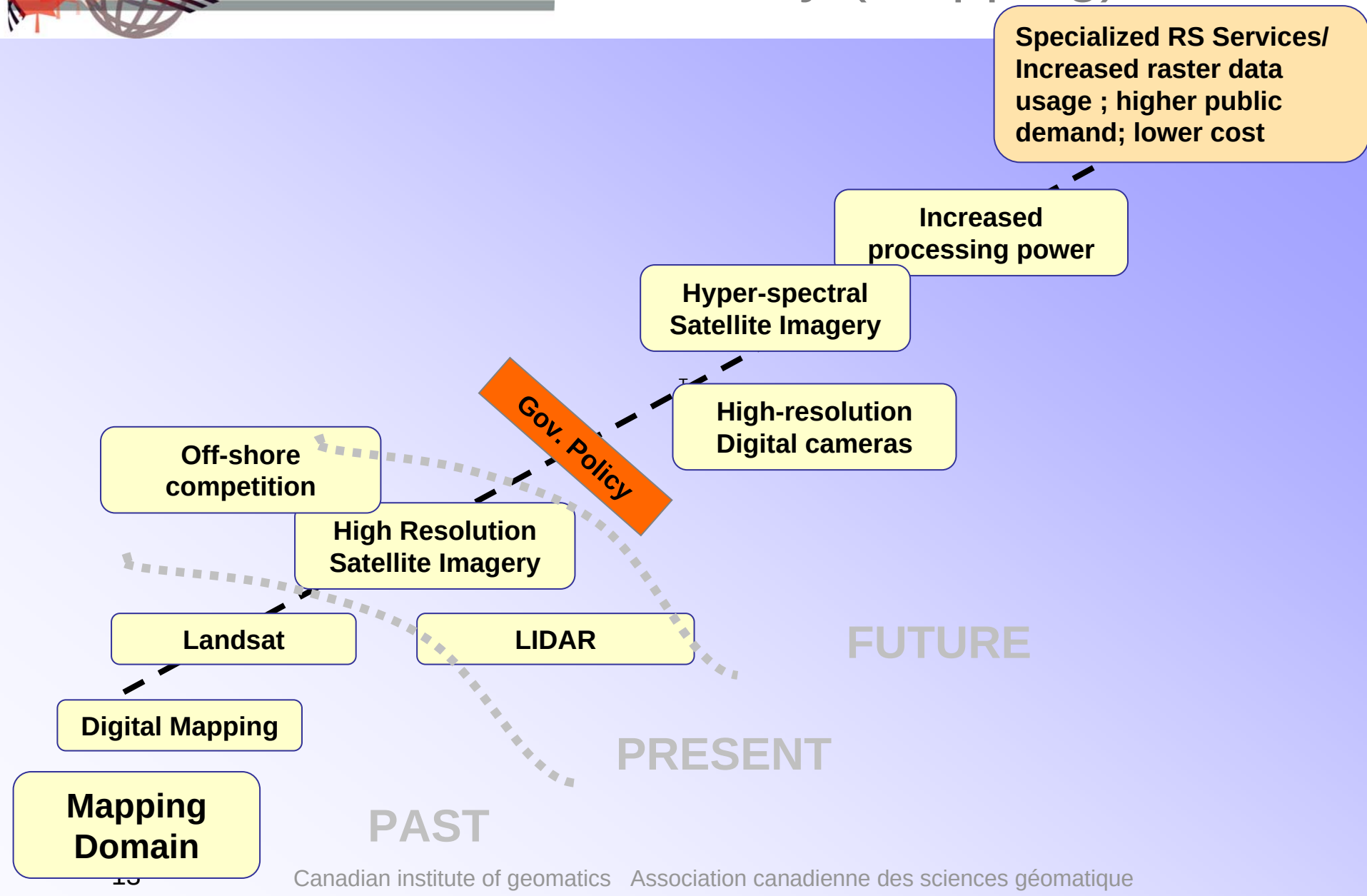
Brian Maloney (Survey Resources)



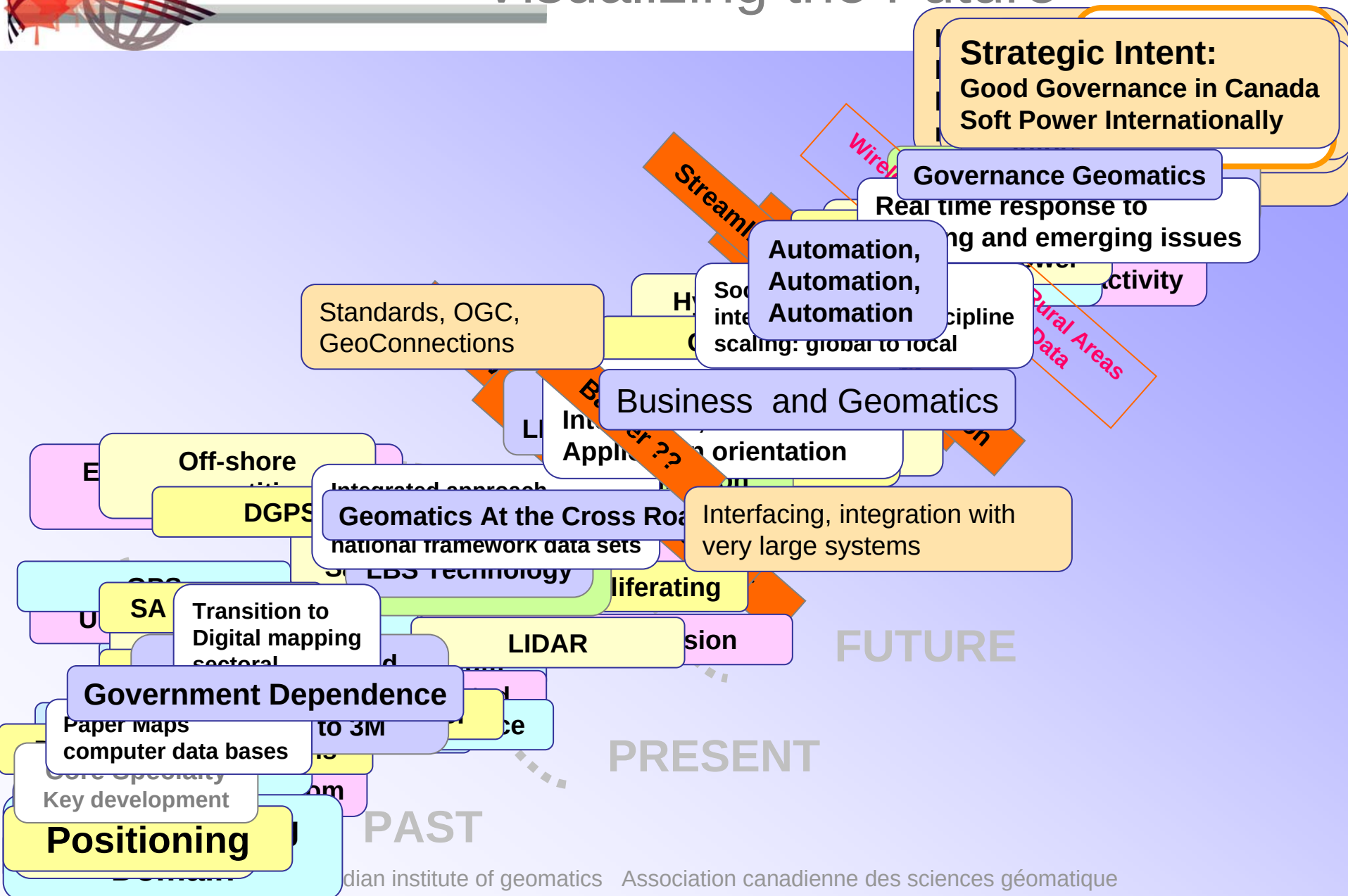
Brian Maloney (Positioning)



Brian Maloney (Mapping)



Visualizing the Future



Summary Strategic Architecture 2005
Geomatics Futures Dialogue

Strategic Intent: Good governance build on a widely accessible highly automated and scalable geospatial- knowledge base and a multi-disciplinary geomatics sector