

## How to avoid National Spatial Data Infrastructure (NSDI) Cul-de-sacs

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## Presentation Overview

### Implementing NSDIs

- What are we trying to achieve?
- 10 Rules for success.



## The NSDI Challenge

enables significant economic, social & environmental benefits

provides the information requirements of the Regional SDI

compatible with the public and private sector cultures

model for voluntary participation

driven by the use of data not the data itself

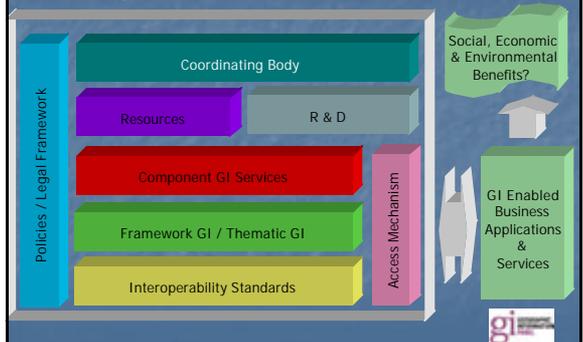
enthusiastically supported by the wide range of stakeholders

can be implemented

supportive of the local SDI strategies



## National Spatial Data Infrastructure [NSDI]



## Rule 1

### Accommodate Different Views of the NSDI



€600 Million of my tax money



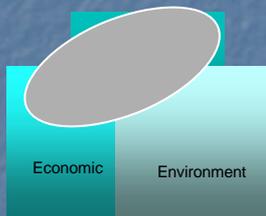
## Rule 2

### Create a Robust Business Case

- Need holistic identification of benefits across economic, environmental and social domains that support the political agenda.
- Need to engage and work with a wide range of stakeholders to build a robust business case.
- Where are these business cases?

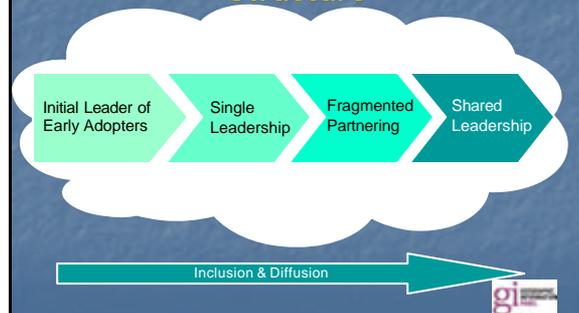


## Focus of Benefits



## Rule 3

### Create an Inclusive Governance Structure



## Governance

- A recognised leader or shared leadership model
- Inclusive governing body with representation of wide range of stakeholder communities, especially in application / service areas
- Empowered to make changes – through political support



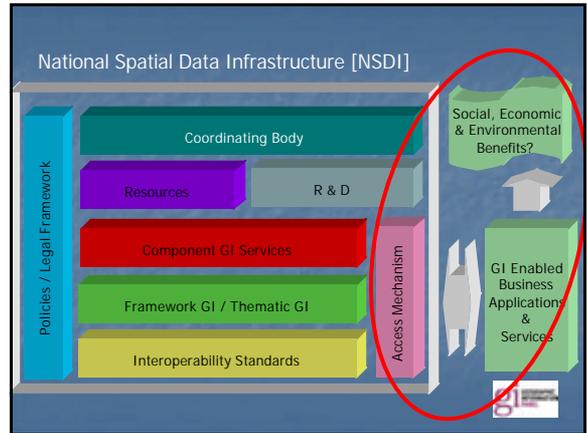
## Manage Relationships with other Geo-referencing Information Strategies



## Rule 4

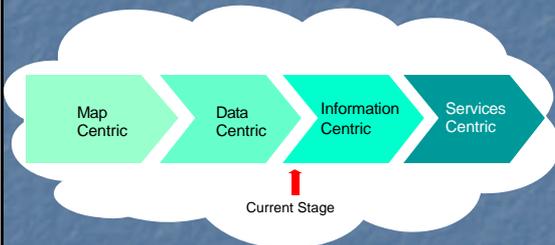
### Focus on the Use of the NSDI

- End game is the use of the NSDI not the NSDI itself.
- Encouraging exploitation of the NSDI.



## Rule 5

### Its Web Services not Data



## Rule 6

### Support the Informal Sources

- NSDIs should be created from both formal and informal sources of information
- Encourage 'mash-ups' to pin their information on a formal, interoperable spatial framework.



## Rule 7

### Simplify Access to NSDI

- Business models vary widely within the Public sector. Difficult to even support Public – Public Partnerships.
- Pricing & licensing arrangements for accessing geographic information tend to be inconsistent across the public sector. This deters use.
- Keep pricing and licensing arrangements simple and consistent.



## Rule 8

### Build Capacity

- Need to embed persistent GI skills and expertise into a range of professions rather than just produce more GI specialists.
- New range of skills required.
- Influence Professions' CPD, Academia's courses and Civil Services' core skills.
- Parachute resources into new sectors?



## Rule 9 Target Your NSDI Interventions

- Just intervene where a significant difference can be made.

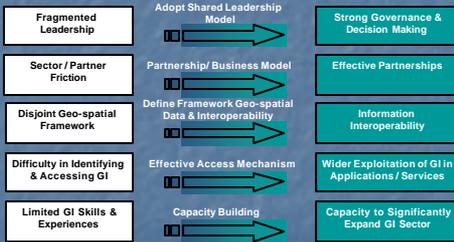


## Rule 10 Engage with Stakeholders

- The success of advanced NSDIs is increasingly dependent not on their physical capital but on their capacity to mobilise their stakeholders' brainpower.



Current Situation      Transition      Outcome



"Traveller, there is no path,  
paths are made by walking"  
Antonio Machado

