



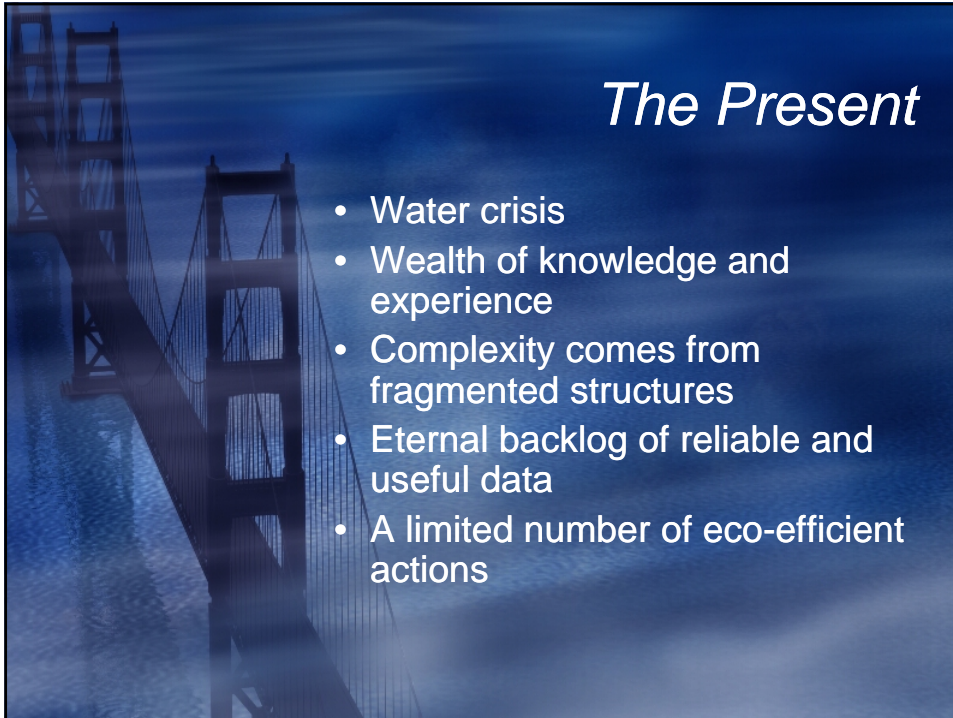
Connecting the Earth to the Cloud
Strategy for Spatial Data Information as Global Public Goods

ee&sd May 2012 FIG Working Week in Rome

eesd works to:

- Improve international cooperation towards a sustainable and equitable global development
- Combat pollution and make efficient use of our common and shared resources
- Support the leadership responsibilities and the responsibilities
- Assist in institutional development by adding to the substance, and supplying facts and tools

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A photograph of the Golden Gate Bridge at night, illuminated against a dark blue sky. The bridge's towers and suspension cables are visible, extending from the left side of the frame towards the center.

The Present

- Water crisis
- Wealth of knowledge and experience
- Complexity comes from fragmented structures
- Eternal backlog of reliable and useful data
- A limited number of eco-efficient actions

A photograph of the Golden Gate Bridge at night, illuminated against a dark blue sky. The bridge's towers and suspension cables are visible, extending from the left side of the frame towards the center.

Water administration

- ◆ Basically national
- ◆ Collaboration forums
- ◆ Crosscutting
- ◆ Access to key information on use, supply and quality still a limitation to the design of preventive and corrective measures

What is new?

- Aim: Breaking the Information kept in Silos syndrome
- Some can't and some won't, we work with the others to make a difference - the contributors
- Acknowledging the missing links - and working to bridge them
- Back casting - revenues commonalities and affirmative actions
- Applications designed through HOW you use them in your daily work.
- Today's decision-making and actors Global

Structuring the Toolbox



The image displays a collection of seven circular icons arranged in a roughly circular pattern on a dark background. The icons represent various elements: a bird in flight, a crowd of people, a close-up of a hand, a landscape, a traffic jam, a close-up of an eye, and a hand holding a tool. The background of the slide features a blue gradient with a faint image of the Golden Gate Bridge on the left side.

SymbicCity

Mapping our water resources

- ◆ Visibly displayed, easily accessible and frequently updated
- ◆ Physical properties, value - ownership?
- ◆ A complex pattern of involuntary actions and effects
- ◆ Public good - management question
- ◆ Water management data

- ◆ “The truth is simple, not confusing”

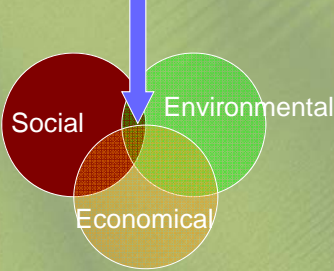
Vehicle for connection

- Triple blades
- Structure of information
- Physical
- Selection
- Sharing
- Double sense



Rationale:

- ◆ Channels through ODA
- ◆ Linking existing efforts
- ◆ Selective approach
- ◆ Revenue sharing model
- ◆ Organic growth
- ◆ Look for commonalities and core activities



A Venn diagram consisting of three overlapping circles. The top-left circle is red and labeled 'Social'. The top-right circle is green and labeled 'Environmental'. The bottom circle is orange and labeled 'Economical'. A blue arrow points downwards from the top, specifically towards the intersection of the 'Social' and 'Environmental' circles.

Inherited pitfalls

- ◆ Project disease
- ◆ Experts corner
- ◆ Overarching aim loosely connected
- ◆ Absorbing existing capacity
- ◆ Lateral thinking not compatible
- ◆ Data collection, time lag, eternal pilots
- ◆ Think global - act local Your own leadership!



A background image of the Golden Gate Bridge in San Francisco, viewed from a low angle looking up at the tower and cables, with the water and sky visible in the background.

The Helicopter perspective



Experiences

- ◆ GSDI Cost transparency, core mission and business, IPR and agreements
- ◆ Cookbook and Status report
- ◆ UNSDI, role of UN, coordination capacity, data warehousing and longevity, push the button
- ◆ INSPIRE Open standards, emerging open source, cloud computing data sharing, all encompassing, Users? Environment?
- ◆ IWMI GEMS Vic Waters...

Professional capacities and interaction

- ◆ Larger than we believe
- ◆ Extensive worldwide network
- ◆ Caring sharing- forget about wearing
- ◆ Pooling appropriate resources-AIM
- ◆ Working together stimulating and challenging!
- ◆ Key capacities: Ability to select and structure *key data* and *effective methods*

The year of the Water Dragon

- ◆ Water is calming re-direct enthusiasm
- ◆ More perceptive of others
- ◆ Take a step back and re-evaluate
- ◆ Understand the art of patience
- ◆ Do not desire the spotlight
- ◆ Do the research! Finish the project!

Initial steps

- ◆ Layout, costs and design Apple-wise
- ◆ The larger prize Business models and competition
- ◆ Inventory of Apps
- ◆ Drivers
- ◆ Understanding potential



Surveyors without Borders

Like a bridge over troubled waters...