



Pilot Project Importance



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Pilot Projects

- walk before you run -



PURPOSE

- ✘ Merges the planning stages and implementation stages of project development.
- ✘ Serves as a way to 'educate' management and build support for project.
- ✘ Verifies costs and benefits
- ✘ Allows evaluation of hardware, software, database design, procedures and alternatives

Types of Pilot Projects

DEMONSTRATION

**Allows management to
see system in production**

PROTOTYPE

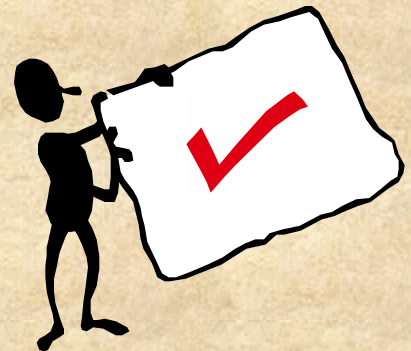
**Full-scale model of
future system**

Management of Pilot Project

- ✘ Objectives must be clearly defined.
- ✘ Keep pilot project on track.
- ✘ Project Design
 - An effective pilot project will have substantial cost.
 - Pilot project must justify this cost as well as the major project it precedes.
 - Geographic scope must be big enough and complex enough to test the robustness of the pilot project.
 - Familiarity with scope also a plus in education and proving value.
 - Pilot project must be designed to the GIS experience of the staff who will run it.
 - The success of a pilot project is very much dependent on the corporate climate of the organization.

Results of Pilot Projects

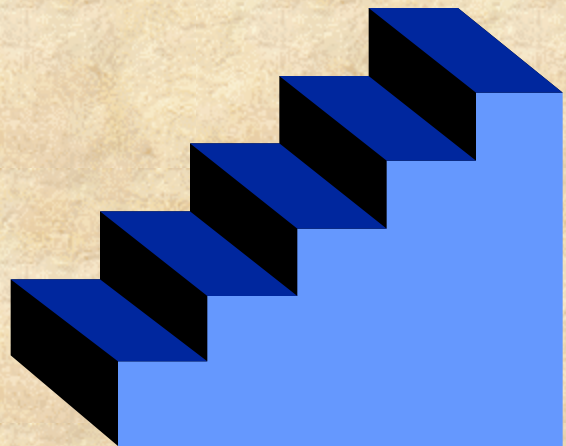
- ✓ Experience in the implementation of a GIS.
- ✓ Possible management approval to proceed with major system.
- ✓ Jump start on major product.
- ✓ Trained staff and users.
- ✓ Near-production prototype.
- ✓ Enhanced implementation plan.
- ✓ Enthusiastic management support.



Starting Your Project

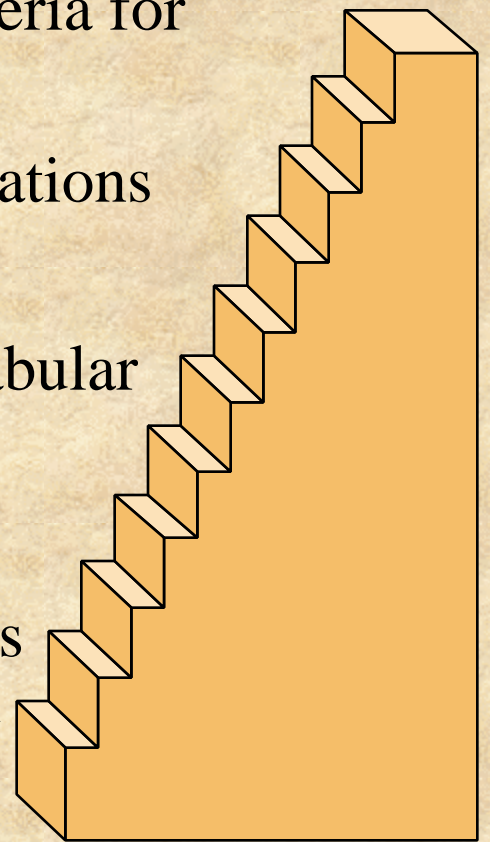
*Four Major Steps in conducting
a typical GIS project*

- ➔ Determine the Objectives
- ➔ Build the Database
- ➔ Perform the Analysis
- ➔ Present the Results



Steps for Performing Geographic Analysis

- Establish the objectives and criteria for analysis
- Prepare the data for spatial operations
- Perform the spatial operations
- Prepare the derived data from tabular analysis
- Perform the tabular analysis
- Evaluate and interpret the results
- Refine the analysis as necessary



Presenting the Results

TOPICS

- Designing the components of a map
- Using symbols effectively
- Determining the purpose of map
- Defining the map parameters (size & scale)
- Designing the map layout
- Preparing symbol data
- Creating a final map
- Generating a tabular report

