



**USAID**  
FROM THE AMERICAN PEOPLE

## **Collecting and Using Mission Project Archived Data**

*Problem Statement: Implementing partners, as part of completing work on USAID international assistance projects, collect and store into database management systems much potentially valuable information for analysis of the impact and results of international assistance efforts. How can we acquire that data (1) to preserve the data asset; and (2) to assimilate the acquired data into our environment for data mining, data visualization, and analysis purposes?*



**USAID**  
FROM THE AMERICAN PEOPLE

## I. Preserving the data

- If we do nothing else, we can at a minimum, create a service to store the data products (archive or backup files) in a central site. No Data Modeler or DBMS skills involved here, just storage.



**USAID**  
FROM THE AMERICAN PEOPLE

## II. Using the Data

- Adding context to the acquired data
  - Need to prescribe the minimum metadata needed from the suppliers of the data
  - Extract the data, deliver to data modelers
  - Data modelers analyze, discover data meaning
  - Data transformation, mapping, conformation (data modelers provide thought leadership, DM provides ETL tool expertise)
  - Publish the transformed data, and metadata, to USAID website.



**USAID**  
FROM THE AMERICAN PEOPLE

## Partner Data as a Service Process

