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# Status of Database Development

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National Stakeholder Forum

Columbia, MD

June 3-4, 1999



**Presented by Mathew Zenkovich**

Thursday, June 3, 1999

# Tasks Completed

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- Develop “Project Plan” ✓
- Form project team ✓
- Create web site ✓
- Complete preliminary analysis of data sources ✓
- Identify initial linkages ✓
- Hire technical contractor ✓
- Conduct First Stakeholder Forum

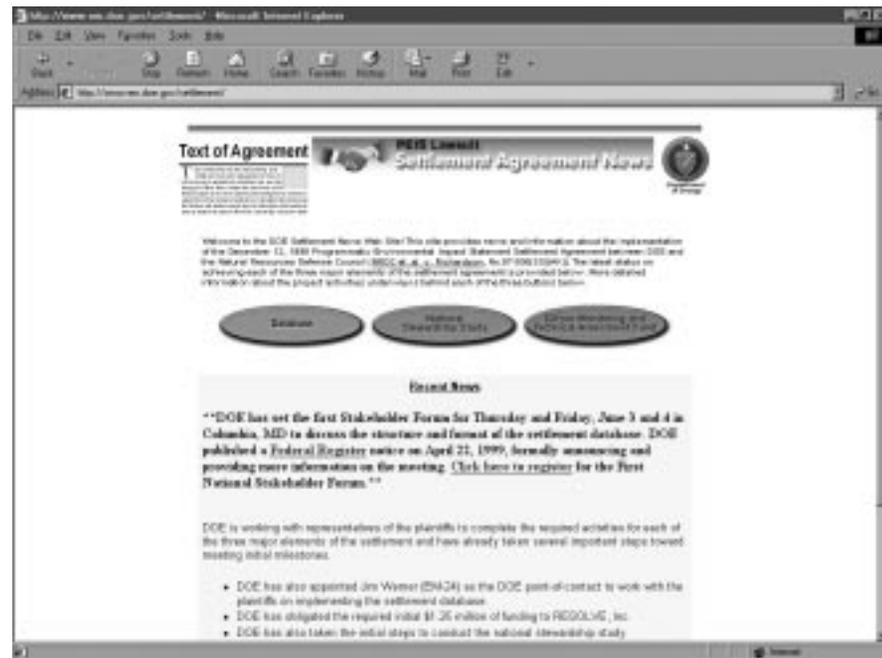
# Project Team

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- DOE point of contact
  - Jim Werner,  
Director of EM's Office of Strategic Planning and Analysis
- Project technical team
  - Team Leader: Mathew Zenkovich
  - DOE team of representatives from DOE Offices of Environmental Management, Defense Programs, Science, Nuclear Energy, and Field Integration
- Stakeholders/Plaintiff Working Team
- Contractor support
  - Project Performance Corporation
  - Booz, Allen, and Hamilton

# Settlement News Web Site

- [Http://em.doe.gov/settlement](http://em.doe.gov/settlement)
- Built for plaintiffs, stakeholders, and interested parties to access the latest information on PEIS settlement activities
- Contains...
  - Project documents
  - Fact sheets
  - Forum information
  - Discussion board



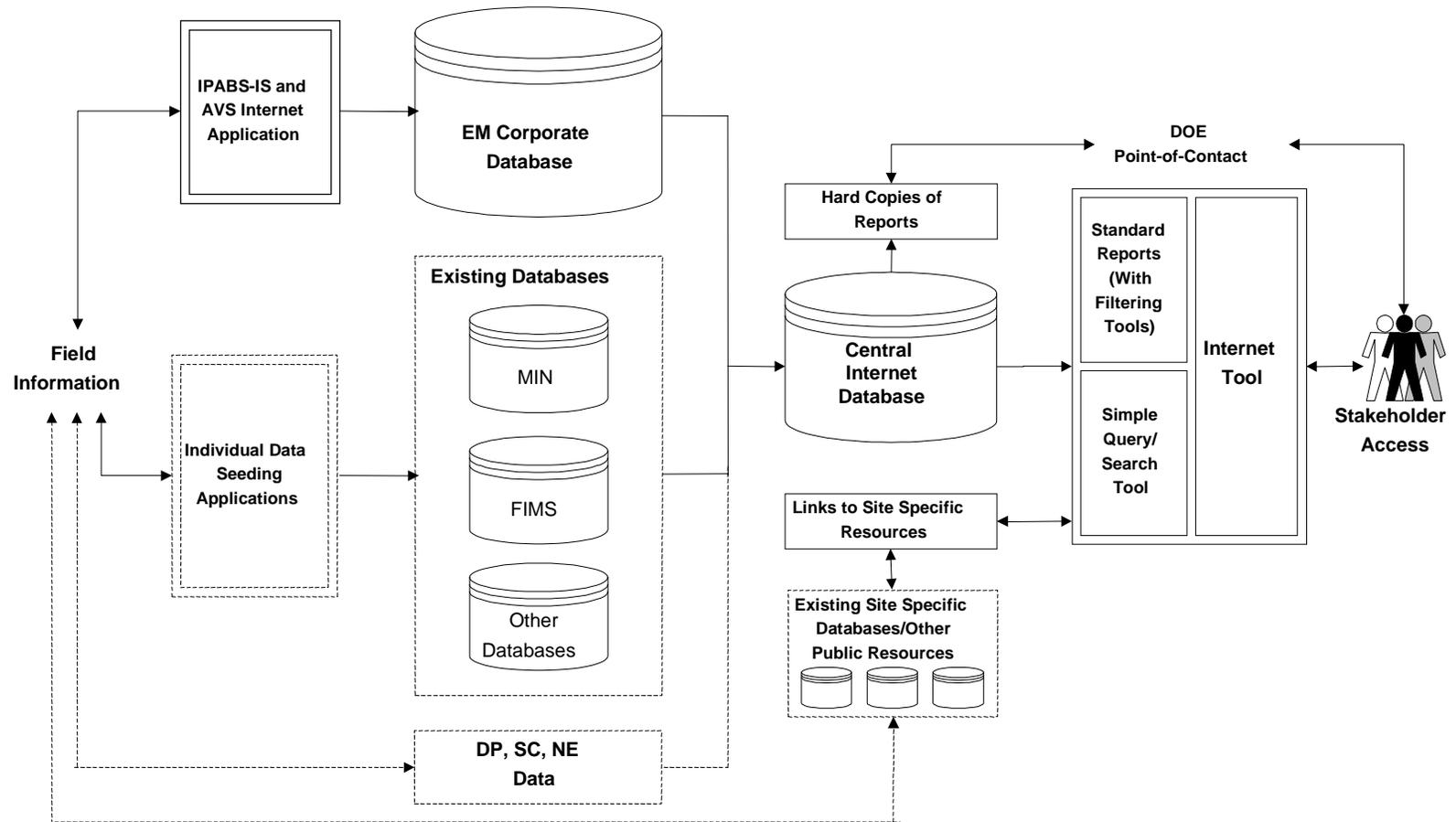
# Analysis of Data Sources

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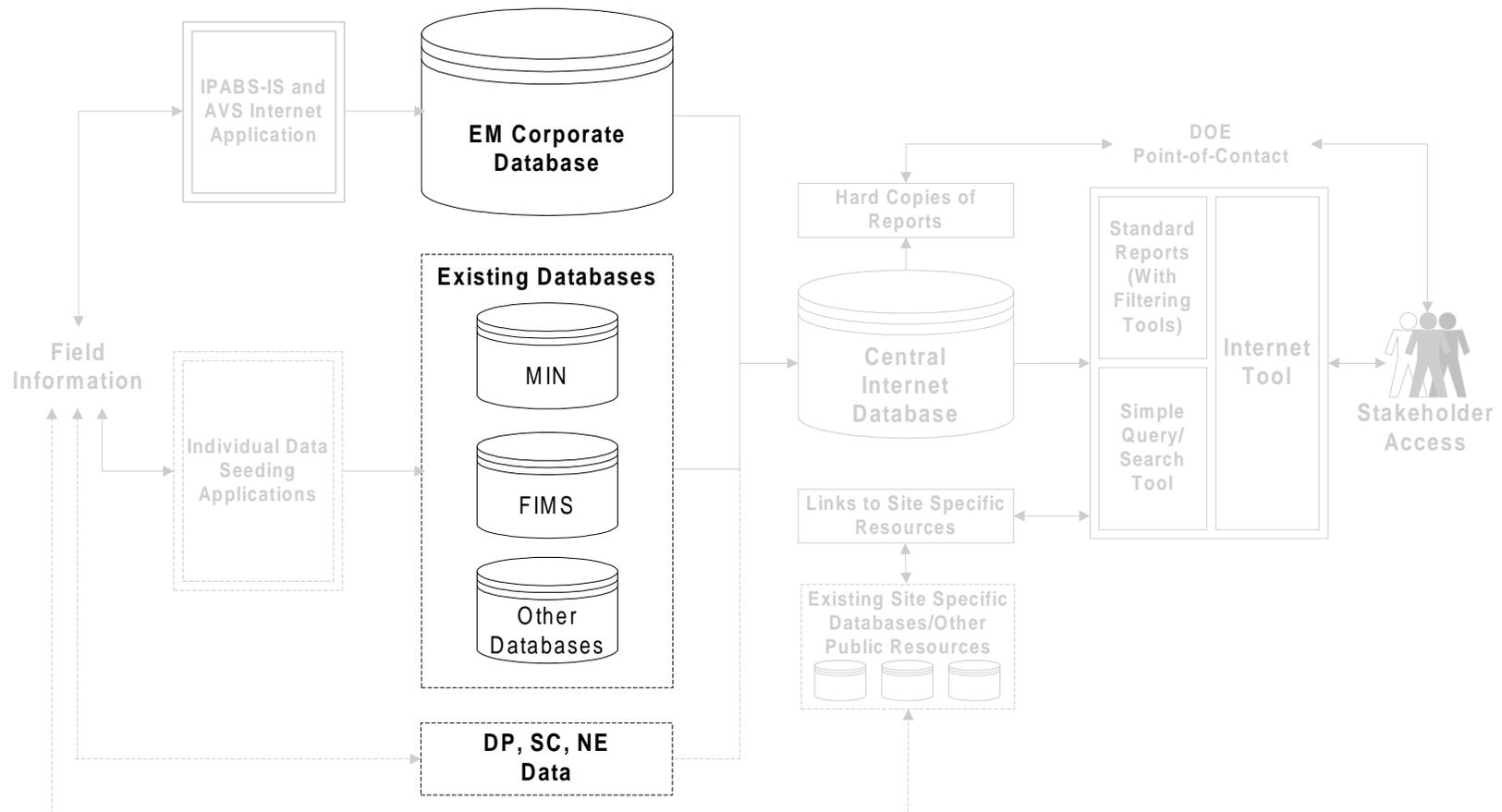
*DOE conducted a detailed review of the structure and content of current national level DOE databases.*

- Goal: Identify sources of data to be integrated into the Central Internet Database
- Each source was analyzed to identify specific elements of information that are relevant to the Central Internet Database

# Data Analysis: Concept of Operations



# Data Analysis: Concept of Operations



# Analysis of Data Sources

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- The major source systems for the Central Internet Database are...
  - **EM Corporate Database:** EM waste and media information (possibly DP, SC, and NE waste information)
  - **Facility Information Management System (FIMS):** EM, DP, SC, and NE facility information
  - **Spent Fuel Database:** DOE-managed SNF information

# Analysis of Data Sources (Cont.)

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- **Materials in Inventory (MIN):** Excess fissile material and other radioactive material inventory information (not updated)
- ***Annual Report of Waste Generation and Pollution Prevention and the Toxic Release Inventory:*** Non-radioactive hazardous waste and toxic chemical information

# Results of Data Analysis

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- Most of the information will be provided from the EM Corporate Database
- Non-EM offices may provide data through the EM corporate database mechanism
- Data from different sources are organized in similar ways
- All of the information required by the settlement can be provided through these sources (no major gaps)

# Results of Data Analysis

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- Issues...
  - Update schedules are not consistent
  - Data from multiple sources need to be reconciled
  - Some databases are not well populated
  - Much of the data will not be available until Fall 1999

# Initial List of Data Linkages

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- Data sources that will be integrated into the Central Internet Database
  - Toxic Release Inventory
  - Pollution Prevention Database
- Links to other Databases
  - DOE Environmental Compliance Database
  - EPA's CERCLIS
- Links to Reports and Tables
  - ES&H DOE Site Profiles
  - LLNL Site Conditions
- DOE will continue to review and update the linkages

# Tasks to Be Completed

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- Define user needs and priorities
- Define technical requirements  
(e.g., database software)
- Move data from source databases to  
Central Internet Database
- Develop report and query capabilities
- Design Web page (“user interface”)
- Review and update linkages