



User Interface and Arch. and Data Committees Meeting



Water for the World IEEE Water Panel

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The Challenge

- ◆ Over one billion people without safe drinking water
- ◆ Water insufficient to support crops-Food Security issues
- ◆ Industrial development limited
- ◆ Wildlife and biodiversity affected

Approach

- ◆ **Global, world-recognized study panel develops**

Actionable Vision

- ◆ **Actionable Vision includes**

Pilot Projects

- ◆ **Pilot Projects result in**

Significant Progress

Panel Membership



- ◆ **Recognized Experts**
- ◆ **International**
- ◆ **Innovative**
- ◆ **Results-oriented**

Phases

- ◆ **Phase 1: The Vision**
- ◆ **Phase 2: Pilot Projects**
- ◆ **Phase 3: Institutionalization**

Phase 1: The Vision

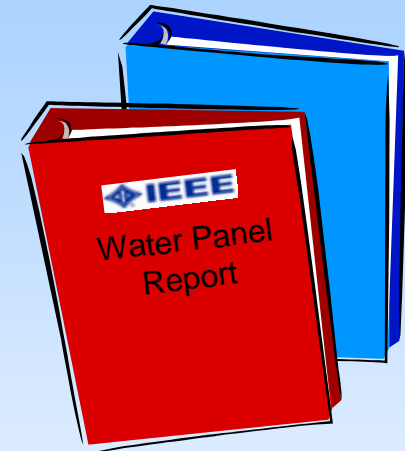


- ◆ Actionable
- ◆ Global
- ◆ Comprehensive
- ◆ Innovative
- ◆ Achievable
- ◆ GEO-relevant



Phase 1 Report Outline

1. Background
2. Overview of water Issues
3. Changing water Availability
4. Effects of Land Use and Water System Change on Water Cycling
5. Water Use Monitoring
6. Exploration and Development of new water resources
7. Deteriorating water quality
8. Integrated sector needs
9. Integrated water management
10. Solving the world's water problems through technology
11. Summary and next steps



Report Events

May 2008

Toronto

Initial Sparse Draft

July 2008

Geneva

Review Existing Activities

August 2008

Denver

First Complete Draft

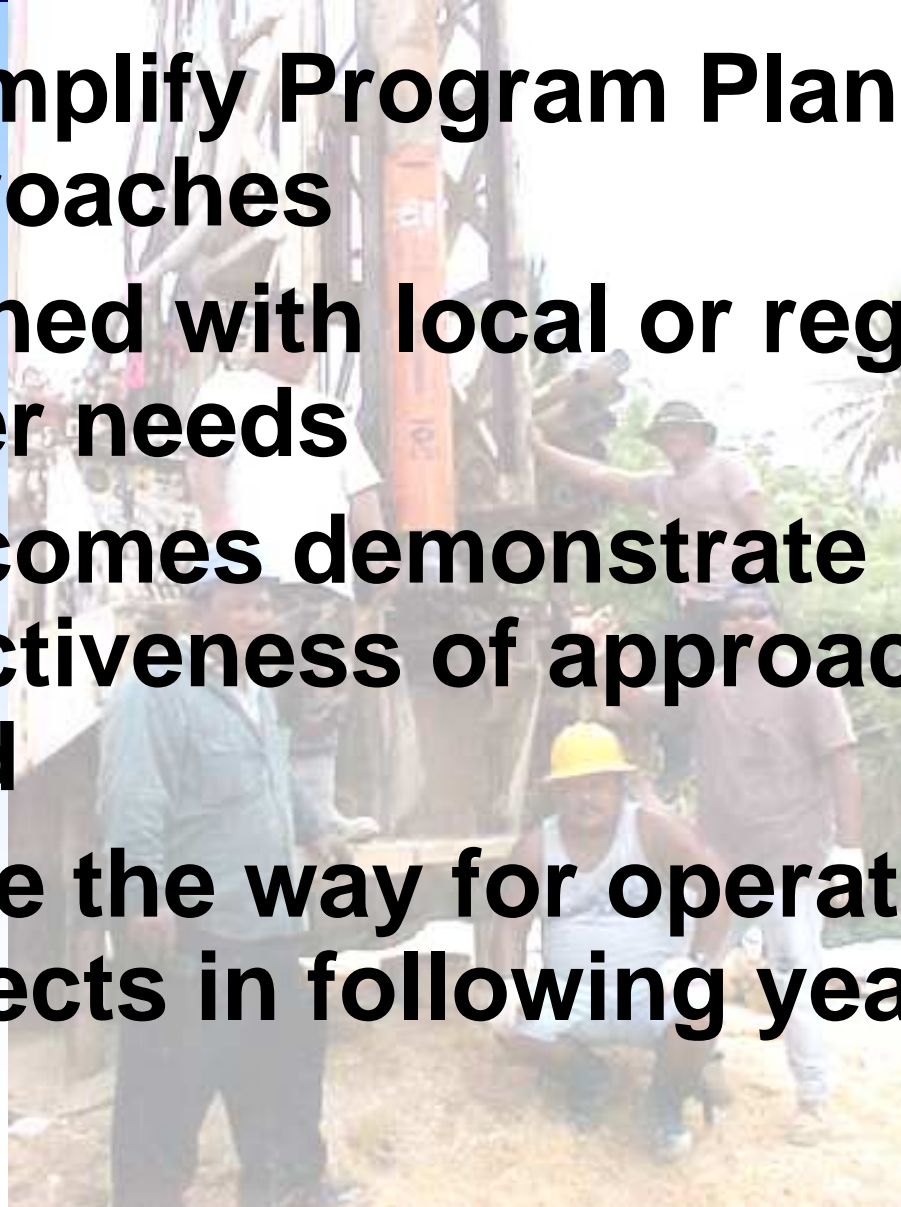
November 2008

Beijing

Final Report Issued

Phase 2: Pilot Projects

- ◆ Exemplify Program Plan approaches
- ◆ Aligned with local or regional water needs
- ◆ Outcomes demonstrate effectiveness of approaches used
- ◆ Pave the way for operational projects in following years.



Pilot Project Features

- ◆ Realizable in the field within one year
- ◆ Focused in developing countries
- ◆ Sustainable
- ◆ Repeatable
- ◆ Scalable
- ◆ Reusable
- ◆ Fundable

Phase 3: Institutionalization

- ◆ **Builds on Pilot Projects**
- ◆ **Encourages local ownership of the plans**
- ◆ **Water for the World, owned and directed by users and beneficiaries**

Summary

- ◆ **IEEE Water Project Underway**
- ◆ **Global Panel working**
- ◆ **Actionable Vision in 2008**
- ◆ **Pilot Projects in 2009**



Water for the World