



د افغانستان اسلامي جمهوریت
د کورنیو او پراختیا وزارت

جمهوری اسلامی افغانستان
وزارت احیاء و انکشاف دہات



Islamic Republic of Afghanistan
Ministry of Rural Rehabilitation & Development

ISLAMIC REPUBLIC OF AFGHANISTAN/NORWAY

MRRD-NORAD/NORPLAN Capacity Building and Institutional Cooperation in Hydro-geological Study CBIC PROJECT Annual Meeting Review



Oslo
March 14/ 2014

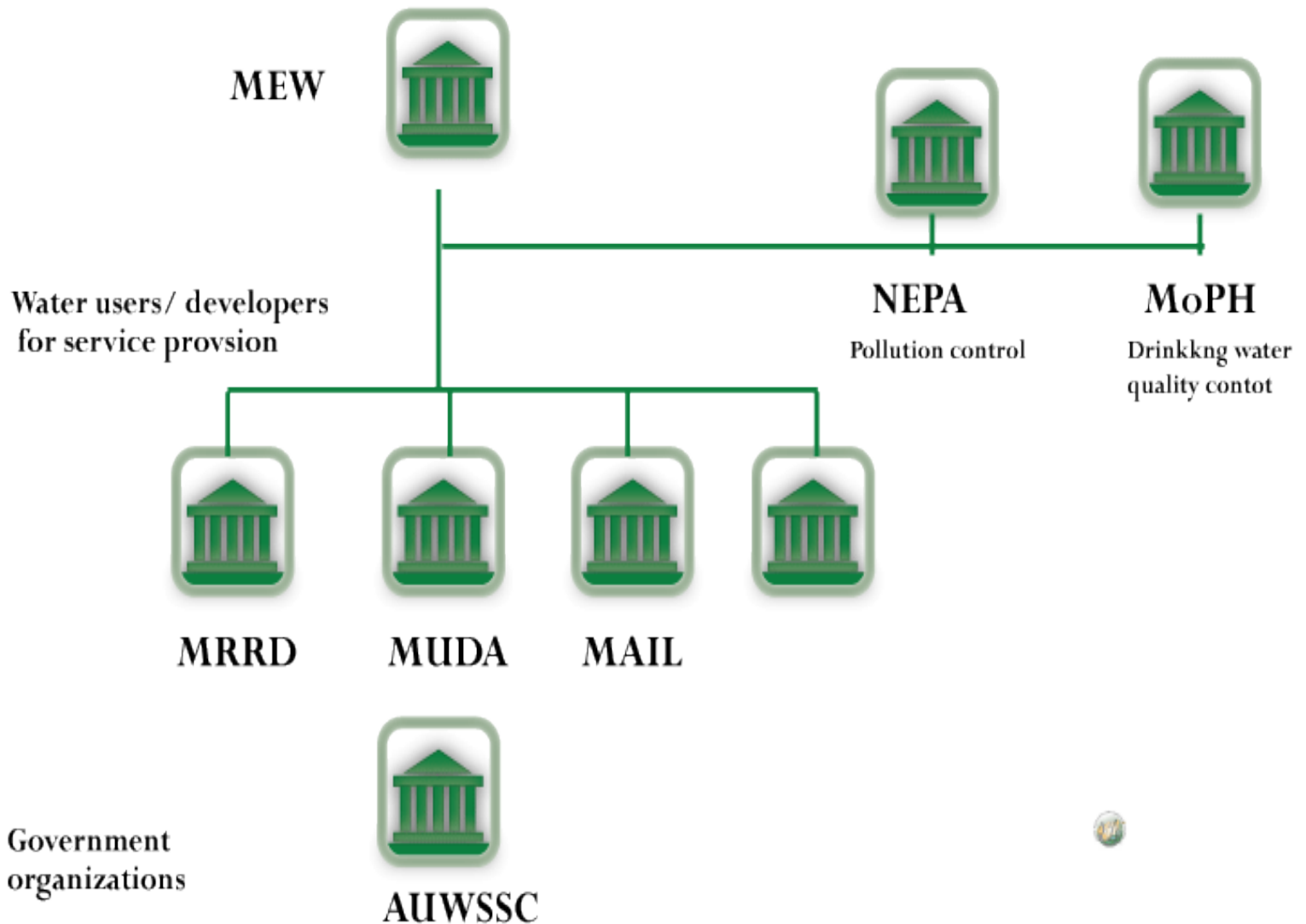
In this Presentation

- Water Resource Management Set up
- RuWatSIP/MRRD Roles
- National Priorities
- Pre-requisite Factors for Provision Sustainable Water Supply and Sanitation Services
- WASH Sector Donors
- Global and Regional Partnership
- Existing Situation
- Logic Behind CBIC Project
- CBIC Practical and Potential Response to the Challenges
- Findings

Water Resource Management

Surface water resopurces
Ground water resopurces
- Polity development
- Resource Mapping
- Monitoring, Regulation, Enforcement

Quality control
and environmental control



National Priorities

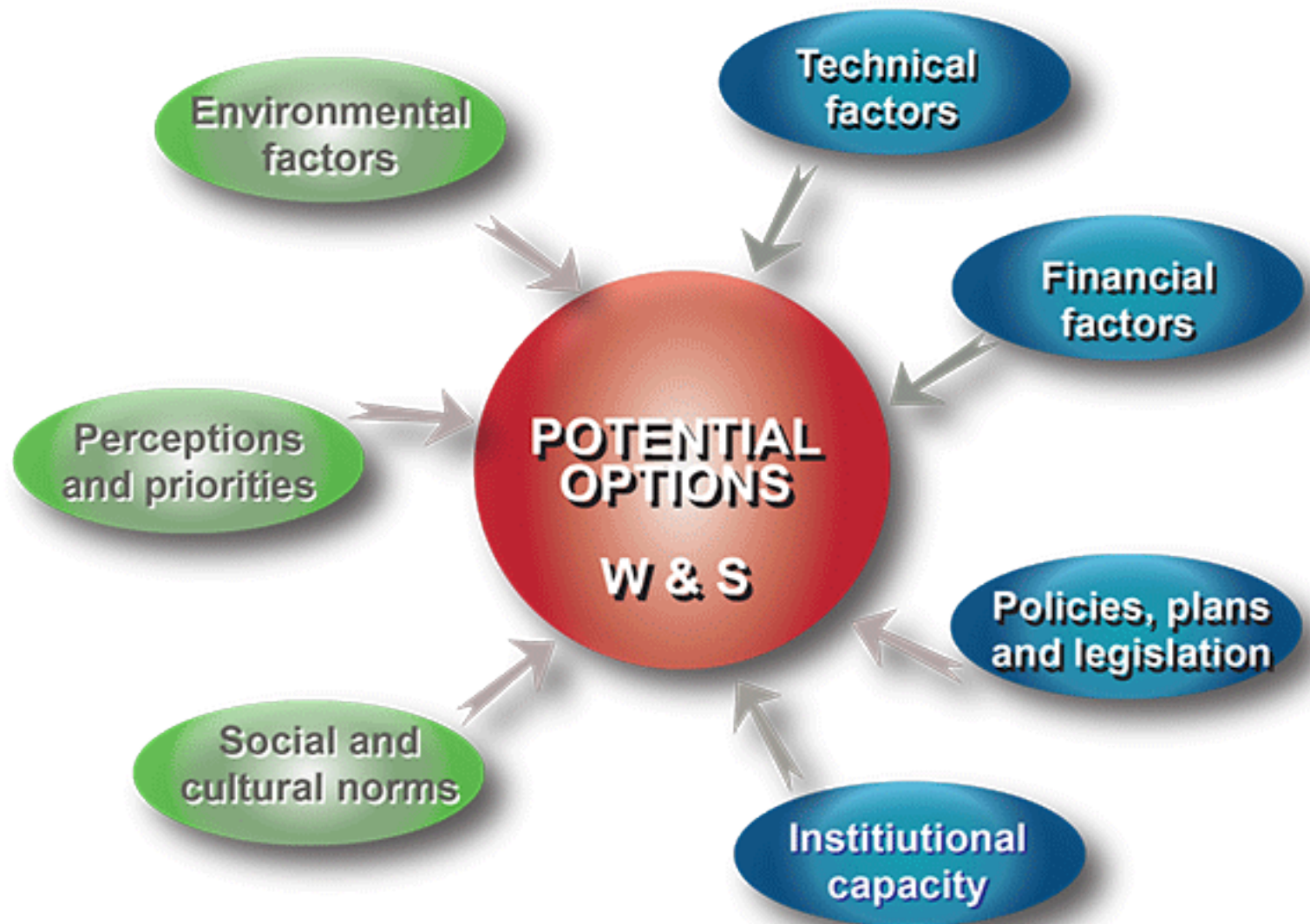
- **ARD Cluster NPP I National Water and Natural Resources Development:** to ensure effective utilisation, together with proper management, of existing water and other natural resources to accelerate agricultural productivity and provide safe drinking water and a hygienic environment, with viable rural energy options for rural prosperity.
- Regional and Global partnership and commitments (SWA, SACOSAN, GLAAS ...)
- National water quality standards, Sanitation, CLTS implementation manuals, finalized.
- O&M strategy, Guidelines for water quality are under development
- Standardization of water and sanitation designs and manuals

RuWatSIP Roles:



- Improvement in the quality of life of people through their improved access to safe and sustainable drinking water and sanitation services .Water source protection by recharging of ground water through implementation of small scale irrigation projects
- Increased adoption of hygienic practices at the personal, household and community level, resulting in: (i) reduced morbidity and mortality rates (particularly under five child mortality) and(ii) enhanced peoples productivity and well-being.
- Capacity building of the rural communities for better O&M and sustainability of WASH services.

Pre-requisite Factors for Provision Sustainable Water Supply and Sanitation Services (after WEDC)



Ru-WatSIP Donors



Islamic Republic of Afghanistan
Ministry of Finance



**APRP
UNDP**



NORAD



SAARC



SPANISH



THE WORLD BANK

Working for a World
Free of Poverty



SWA



GLASS

Global, Regional
Partnership and
Cooperation



SACOSAN



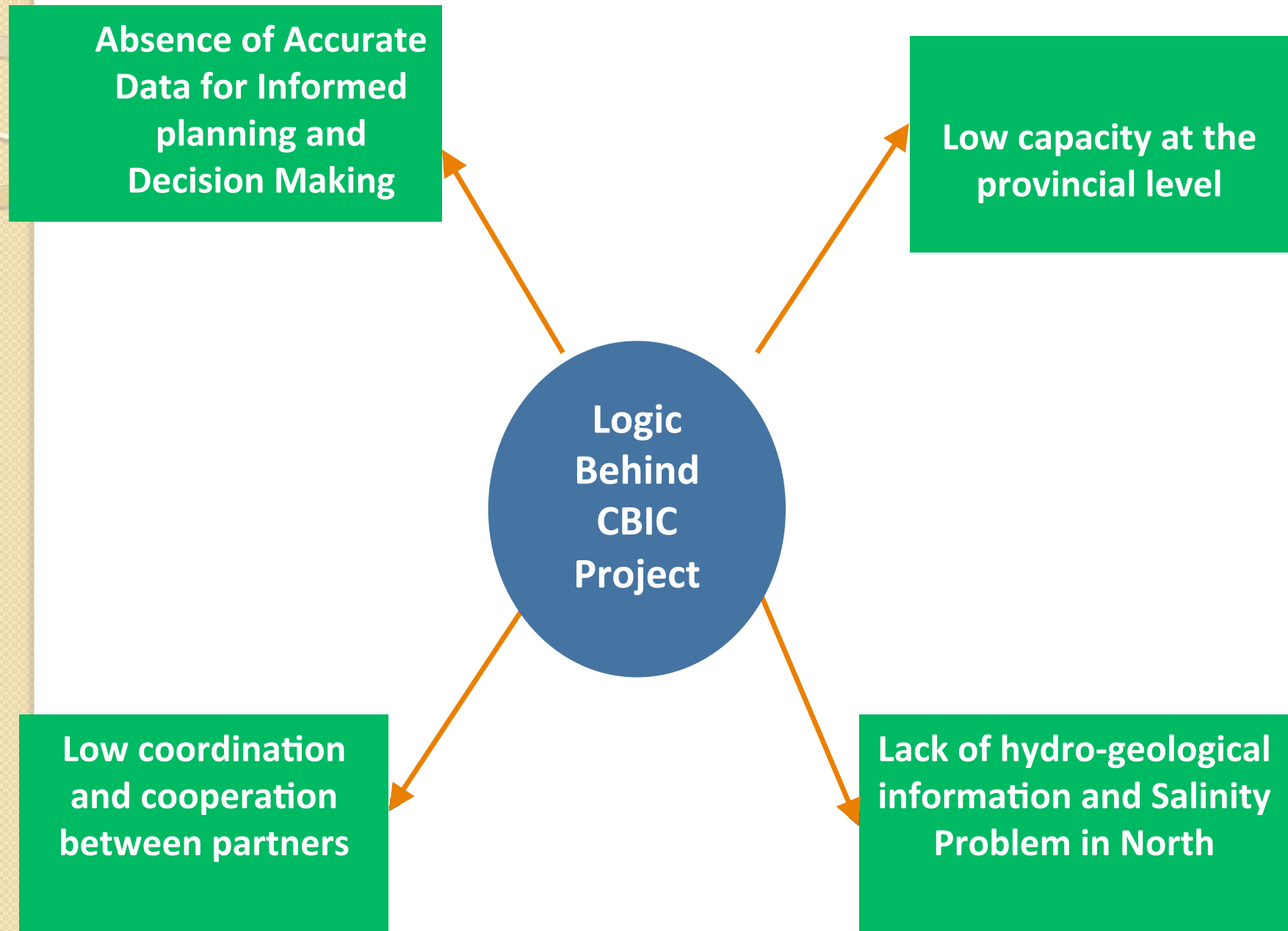
SAARC



Current Situation



- Access to safe drinking water at the national level **45.5%** (Rural only **39.4%**) according to the draft NRVA 2011/12
- Access to improved Sanitation at the national level **8.3%** (Rural only **2.4%**)
 - Infants mortality rate (111/1000)live birth or 11.1%
 - Under five mortality rate **97/1000** live birth or **9.7%**



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graph TD; A((CBIC Inputs in Institutional and Technical Capacity Building in 2013)) --> B[Training on GIS/MIS for the Staff of Key Ministries, Departments and University Students]; A --> C[Training on Applied Geophysics for Groundwater Exploration at National/ Provincial level]; A --> D[Training on Discipline of hydro-geology: Well Drilling, Hydraulics, Development and Construction]; A --> E[Enhance Coordination among the Key sector Ministries, Universities departments: MRRD, MEW, AGS, ANSA];
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**Training on GIS/MIS
for the Staff of Key
Ministries,
Departments and
University Students**

**Training on Applied
Geophysics for
Groundwater
Exploration at National/
Provincial level**



**Enhance Coordination
among the Key sector
Ministries, Universities
departments: MRRD,
MEW, AGS, ANSA**

**Training on Discipline of
hydro-geology: Well
Drilling, Hydraulics,
Development and
Construction**

Gaps/Challenges

- The same Training Materials for Junior and Senior Trainees.
- Low Capacity and understaffing at the Provincial and District Level
- Training proved to be Focused on the National Level
- Absence of Logical Sequences of Training Modules
- Hydro geological Parameters Like Transmissivity, Transmissibility, Drawdown Recovery and Radius of Influence Not Covered in Field work

Way Forward

- Establishment of web based MIS/GIS system
- Extension of MRRD water quality lab, QC
- On job trainings and capacity building in water quality and well drilling methods at national and provincial level.
- Focus on SWA and SACOSAN Commitment
- Establishing a good inter ministerial coordination mechanism for sharing hydrogeological data and information.