

WASH Innovations and Good Practice

**Improving Deep ground Water supply
availability in Afar Region Ethiopia**



AID & INTERNATIONAL
DEVELOPMENT FORUM

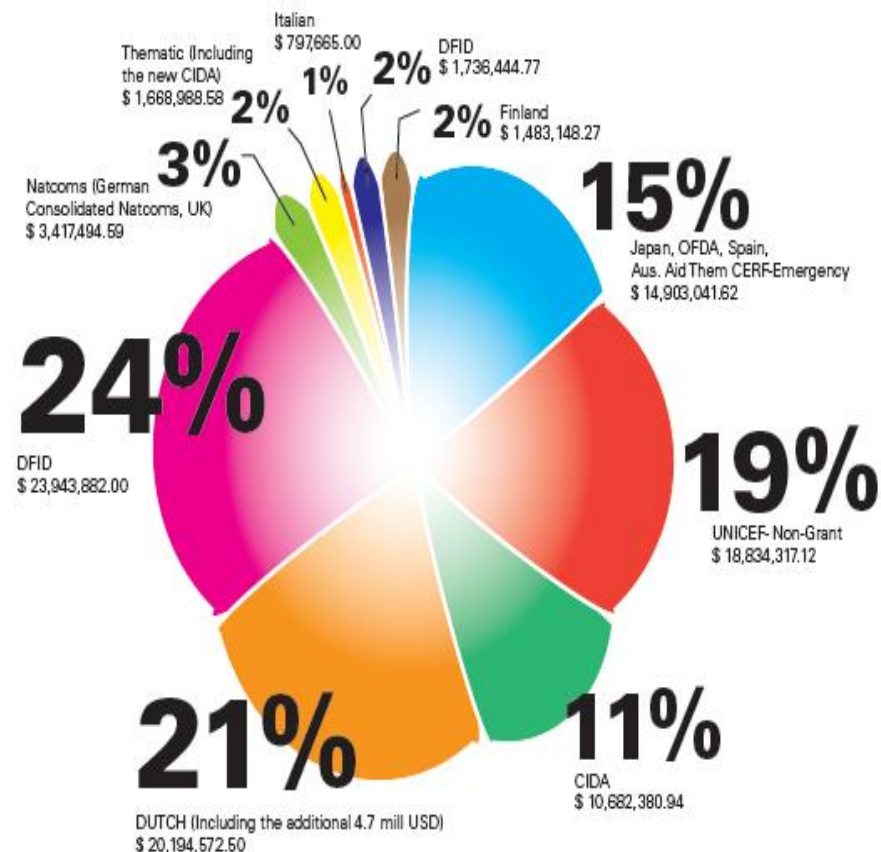
Presentation Structure

- **PART 1:** UNICEF Ethiopia WASH programme
- **PART 2:** Emergency WASH in Ethiopia
- **PART 3:** Improving Deep ground Water supply Availability in Afar Region of Ethiopia

PART 1: UNICEF Ethiopia

UNICEF Ethiopia WASH

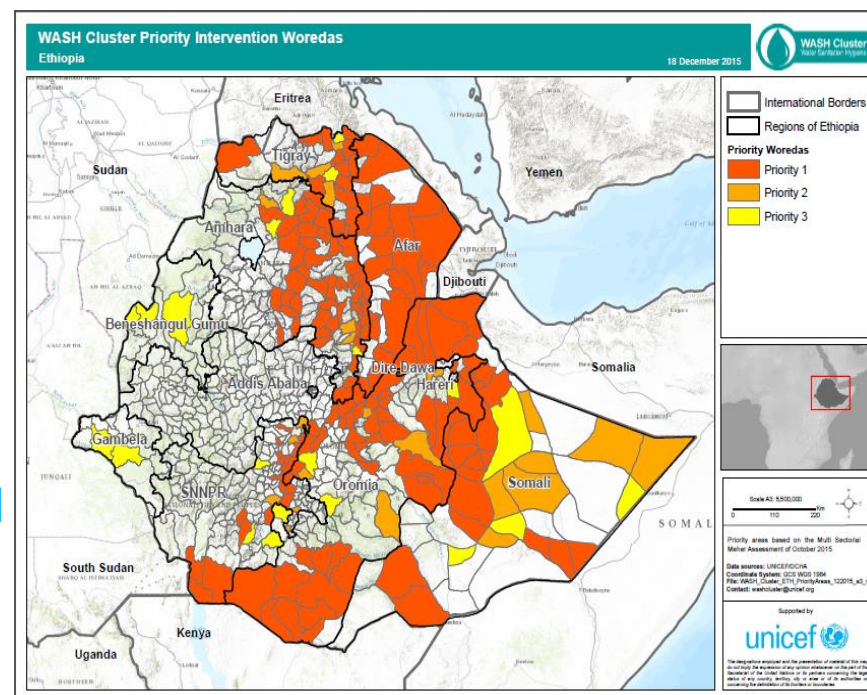
- **WASH programme - 4 pillars:**
 1. WASH sector coordination
 2. Rural WASH
 3. Urban WASH
 4. Emergency WASH
- **WASH Financial Resources**
- Annual >USD 35 million
- **WASH Human Resources**
- Staff – 44 officers in 8 field offices



PART 3: 2015/6 Drought: Emergency WASH Response

Emergency WASH Response Activities

- **WASH Sector Needs:**
- 7.5million People in 6 Regions-211 Districts
- Financial Requirement – US \$73.5 mill
- **Response Strategy**
- Reduce non functionality rates
- Develop new resilient supply systems
- Address Hygiene and sanitation related issues



Map of Ethiopia Showing Emergency WASH hotspot areas

PART 4: Accessing Deep Ground water supply

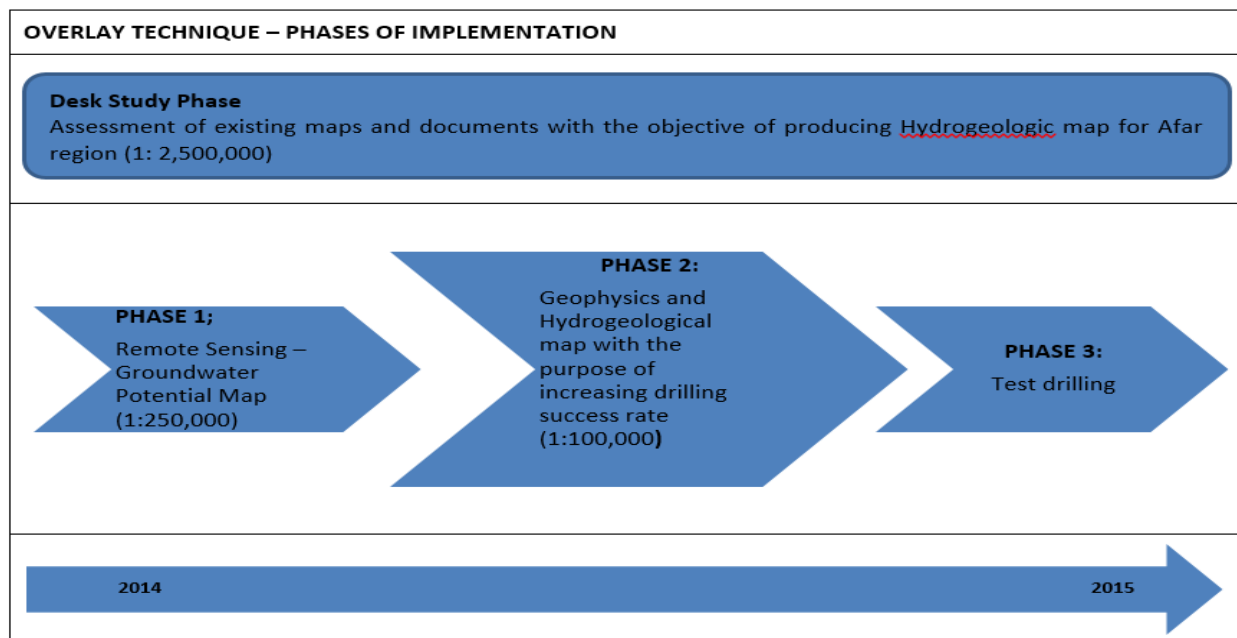
UNICEF Added Value Ethiopia WASH

- **Partnership:**

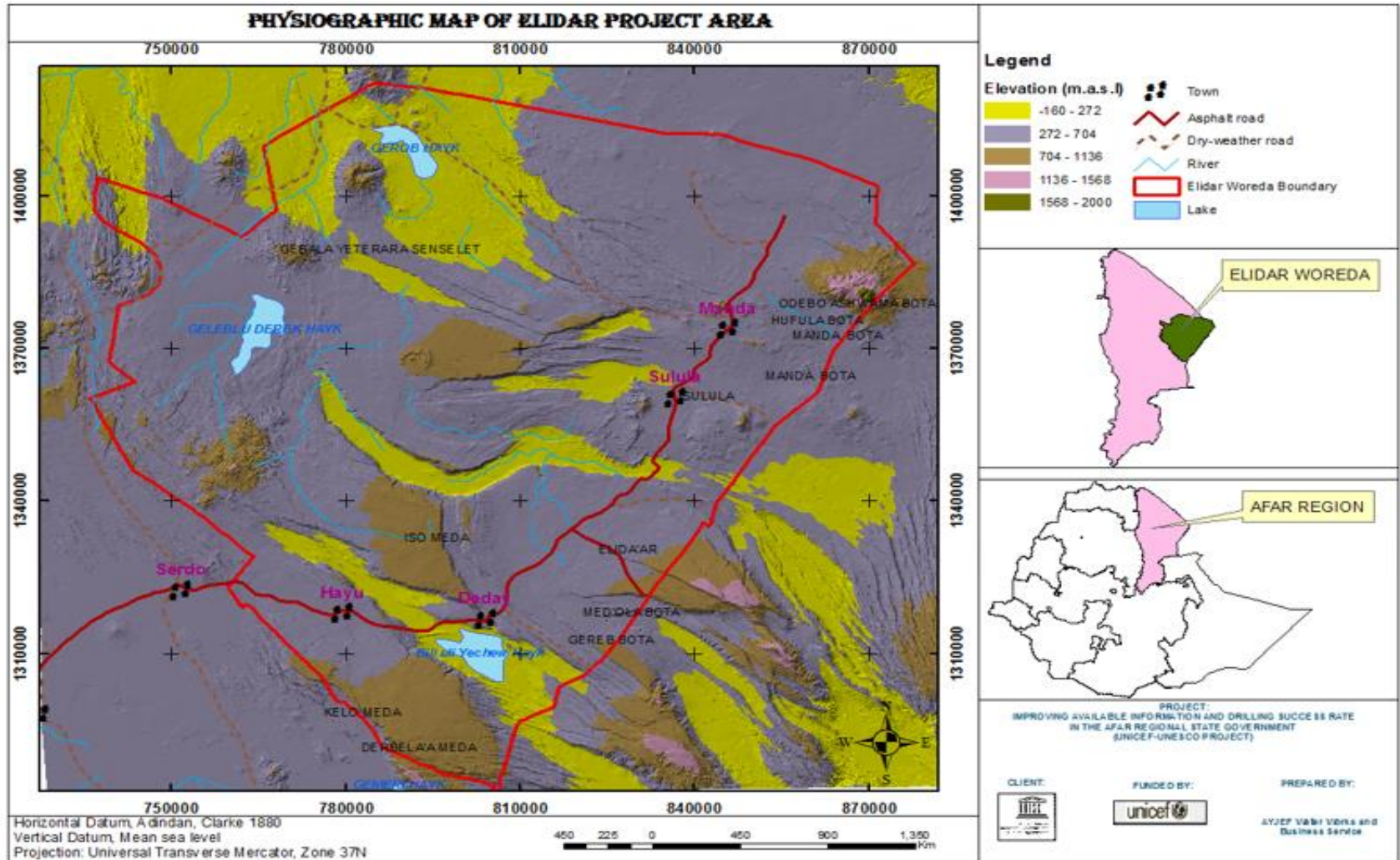
A Joint UNICEF/UNESCO Groundwater Investigation partnership to reduce probability of dry or negative boreholes

- **Methodology:**

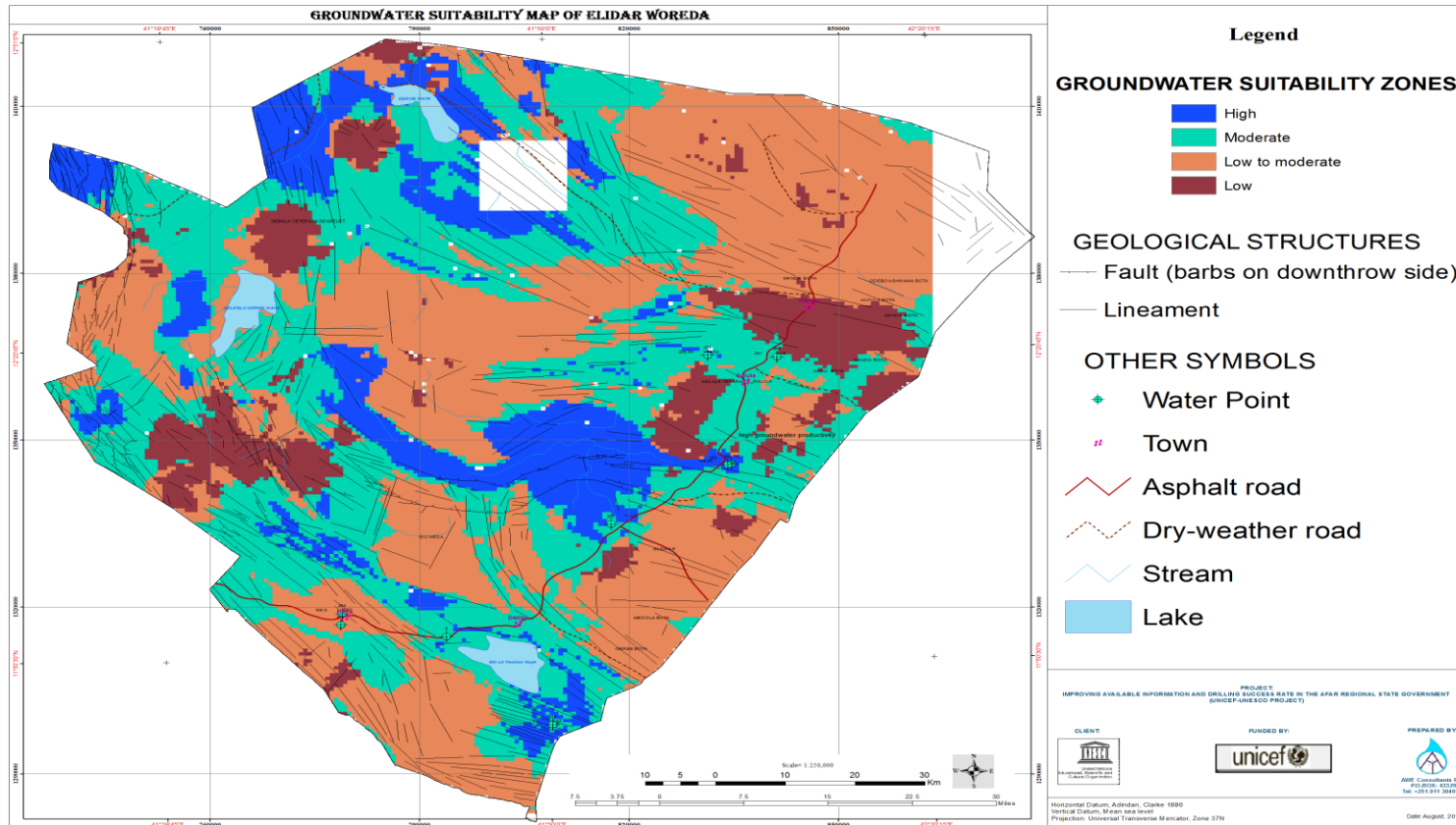
Three Phase approach: Combined remote sensing and hydrogeological investigation methods in Afar Region



Location of Study Area



Ground Water Suitability Map





Thank You

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