



Agou Avedje, Togo Project Update 3/30/07 and Summary

Project Title

Agou Avedje Development Project Phase 1: Water Resources Alternative Assessment

Village Need

- 600 People
- No widespread sanitation system – one operating public latrine (only for the school)
- 8 poorly protected hand-dug wells that dry-up during the 2 annual dry seasons
- Malaria and Dysentery Endemic

Project Approach

A holistic, multi-disciplinary approach to achieving sustainable results.

To ultimately achieve sustainable results, a holistic, multi-disciplinary community development project approach is used. The project emphasis is on the importance of community development as a whole and the interdependence of its parts – basic human needs, culture, economics, and education. Since our approach is holistic, a multidisciplinary team is critical to understanding all of the community's parts. Our team has professionals focused on each part and are coordinating on a regular basis. Our primary focus is on basic human needs of an adequate water supply and proper sanitation. This part is essential and is supported by the village's economics, cultural acceptance, and their understanding. If neither of these supporting parts is addressed together, the essential human needs will not be sustainable and the project will eventually fail. We are committed to making any implementation project sustainable by utilizing this multidisciplinary, holistic approach.

Phase 1 Scope of Work: No implementation for the first phase

- Site Assessment
- Health Assessment
- Establish NGO Partnership
- Community Development **Options** Report focusing on Water and Sanitation Issues (village government will provide feedback after July delivery deadline).

Sponsor: Private Donor - John Akolt, Greeley, CO

Collaborating Organizations:

- Togo Peace Corps,
- CADO
- Boulder Valley and Kpalime Rotary Clubs
- School of Mines - Golden, CO
- Christian Vineyard Fellowship
- **Water For People**

CADO: The *Centre d'Assistance aux Démunis et Orphelins*, « CADO » (Centre for Assistance to the Deprived and Orphans), supporting Non Government Organization of Development Initiatives at the base, is a non-profit-working organization, adhering to no religious or political group. It is created by young Togolese volunteers. Its head office is at Agou-Avédjé (Agou district, Togo).

Accomplished Objectives

Site Assessment – February 3-17, 2007

Preliminary EWB-USA Health Assessment - village health assessment questionnaires

Ongoing Objectives

- NGO Partnership - Memorandum of Understanding is currently being drafted to formalize a partnership with CADO and eventually interested Rotary Clubs once implementation trips are decided on by the village.
- Preliminary Design: Investigating Alternatives (Options) for any of the following potential future implementation projects:
 1. Sanitation - Latrines
 2. Water Supply and Storage
 3. Irrigation
 4. Point-of-use Water Treatment
- Community Development Options Report focusing on Water and Sanitation Issues (village will provide feedback after July delivery deadline).
- Developing a Public Health Database based on the historical data (10 years of thorough historical data for the village and surround villages) maintained in the village clinic

Togo Project Outlook

EWB-USA Denver Chapter will apply for each implementation project individually once the village approves of the implementation project sequence (follow-on phases).

Team:

Matt Bliss (CDM - Denver) - School of Mines Irrigation Design Team Advisor and Fundraiser Manager

Travis Bogan (CDM - Denver) - Water Resources Project Engineer

Kelly DiNatale, PE (CDM - Denver) - Senior Water Resources Engineer and Team Mentor

Chris Fahlin (CDM - Denver) - Project Lead Volunteer, Sanitation Design Team member, and School of Mines Water Treatment Design Team Advisor

Mark McCluskey, PE (CDM - Denver) - Contact Coordinator

Donavon Paschall (CDM - Denver) - Financial Sustainability Task Leader

Scott Rank (CDM - Denver) - Site Assessment Team member and Site Data Coordinator

Keith Simpson (CDM - Denver) - AutoCAD Designer and Construction Feasibility Task Leader

Hanna Sloan (CDM - Denver) - Site Assessment Team member and School of Mines Water Storage Design Team Advisor

Curtis McHaley, PE (CDM - Albuquerque) - Site Assessment Team member (Health Point Person) and Health Assessment Team Member

Erin Margolious, PE (CDM - Chelmsford) - International Project Advisor

Togolese Teammate: Farouk Banna (CDM – Raleigh) - Translator, Engineer, and Togo Relations Manager

Judith Kronenberger (CDM - Denver) - Health Assessment Team member and assistant Fundraiser Manager

Erica Ferro (Kaiser-Permanente) - Medical Anthropologist and Health Assessment Team member

Stephanie Moraga-McHaley (University of New Mexico) - Epidemiologist, Health Assessment Team member, and Site Assessment Team member

Ken Hamilton, PE (K.C. Hamilton Engineering, Inc) - Sanitation Design Team member

David Sloan (Roseroad Construction) - Avedje Goodwill Ambassador and Carpenter

Bill Cocke (Former Togo Peace Corps Volunteer) - Togo Country Advisor