

The Need for Capacity Development to Enhance Rural Water Supply and Sanitation Service Delivery: The RWSSC/JICA Approach in Nigeria

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1: Introduction

- Effort to improve rural water supply & sanitation service delivery in Nigeria
- JICA & NWRI entered a collaboration on a training and research project “ The project for enhancing the function of Rural Water Supply & Sanitation Centre for Capacity Development (RWSSC) at NWRI
- 2010 (45 months period) MoU Signed



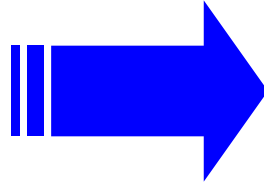
2.Objectifs / Objectives

- To enhance service delivery in rural water supply and sanitation in Nigeria through capacity development of stakeholders.
 - ▣ Produce capacity development plans of sector organizations for improved services delivery
 - ▣ Provide training courses appropriate to the various sector stakeholders
 - ▣ Develop and produce appropriate training modules and manuals, monographs, as well as extension materials
 - ▣ Establish and effectively manage the National Water Resources Capacity Building Network
 - ▣ Support the production and upgrading of Hydro geological maps
 - ▣ Establish a National Water Resources Website accessible to all stakeholders



Project Purpose

Rural Water Supply and Sanitation Centre for Capacity Development (RWSSC) is effectively operated.



Project Outputs

- Capacity gaps of RWSSC (NWRI) and RWSS stakeholders at States, LGAs and Community levels are identified
- Responsive and effective training system (Modules, materials, and facilities, etc.) is developed.
- Trainers capacity in RWSS is enhanced
- Trainings are delivered based on a Plan-Do-Check-Act (PDCA) cycle
- Management of RWSSC is improved



4. Méthodes/Methods

- Conducting institutional assessment of sector organisations to produce capacity development plans for improved service delivery;
- Conduct training Needs & Impact assessment
- Conduct trainings/Applied research (CLTS)
- Development and production of appropriate training modules and manuals; as well as extension materials and monograms;
- Establishment and effective management of the National Water Resources Capacity Building Network;
- Conducting hydrogeological assessments and supporting the production and updating of hydrogeological maps; and
- Development and maintenance of a National Water Resources website accessible to all stakeholders.



5. Résultats / Results

- Capacity gaps (low level of capacity)
- Training needs identified
- Development of actions and plans
- Implementation of CLTS approach triggered provision of more latrines/end of open defecation practices and boreholes
- Outcome of Institutional Assessment, resulted in passing of enabling law for some RWSSA's Institutions

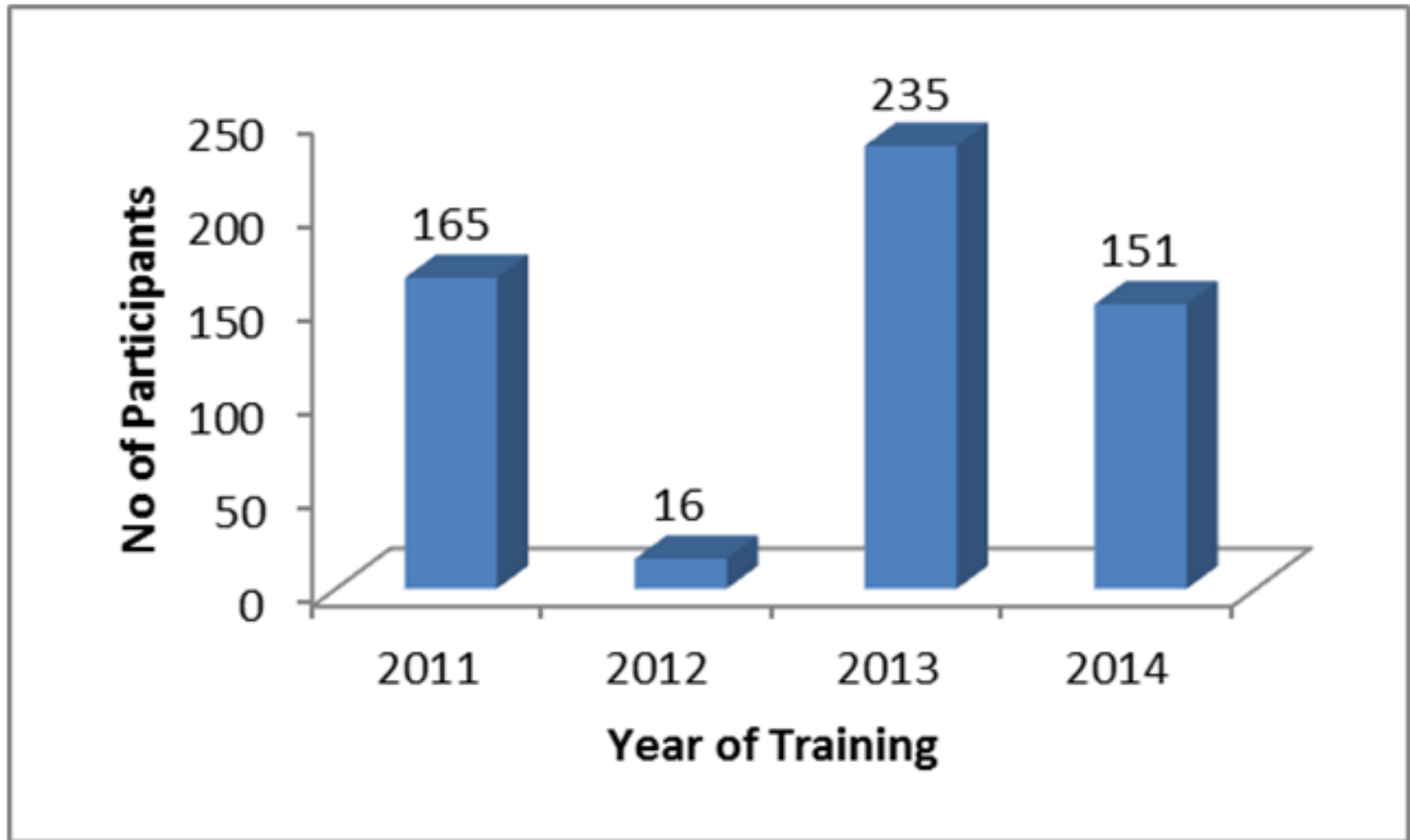


Résultats / Results cont.

- 29 Training & practical (567 trained)
- 11 Training courses manual developed
- 2389 constructed against 1106 planned
208% achievement
- Support RUWATS with Drilling rigs/compressors and other machinery and equipment



Summary of trainings conducted by RWSSC (2011-2014)



9. Leçons apprises / Lessons Learned

- Institutional Assessment very relevant in capacity gap identification
- Improve overall productivity of outputs
- Equipment, machinery and tools are better serviced and maintained
- Need to define sources of funding
- Age of staff should be considered to avoid early exit after trainings

9. Conclusion

- 96.6 % of Trainees rated training methods as appropriate, skills highly improved
- Trainings are reviewed based on Plan-Do-Check-Act (PDCA) cycle & very efficient
- Management of RWSSC is highly improved for service delivery
- Impact has improved water and sanitation service delivery at the rural areas.





Sanitary facility built by a community member



Water supply facility provided in UnguwarBagudu

Remerciements / With thanks to

Sanitation facility built by community and boreholes drilled by NWRI/RWSSC for the community at Karuga and Unguwar Bagudu in Kaduna State, Nigeria



I: Some training activities and facilities provided during the Project

Remerciements / With thanks to

Training sessions (NWRI, 2014)

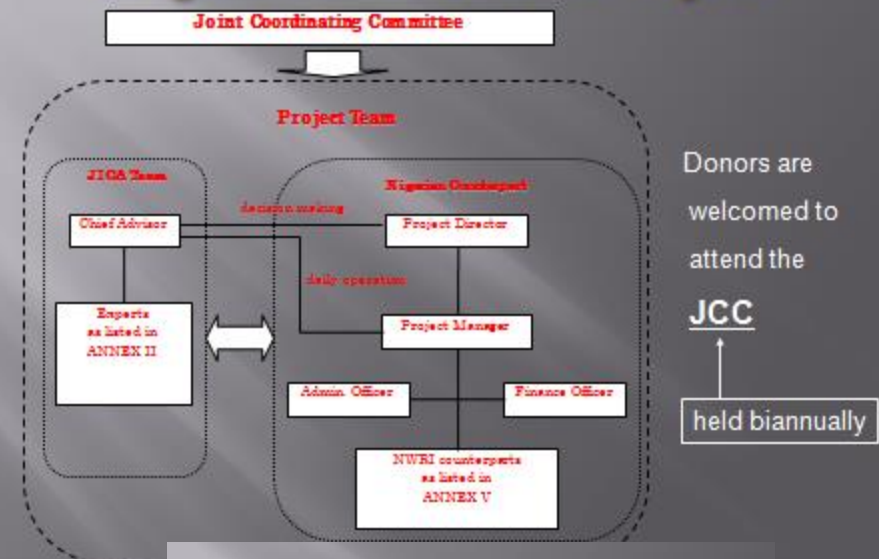
Pictures

Proposed Training courses (tentative)

1	Groundwater Investigations Techniques (General methods and Geophysical Surveys)
2	Borehole Construction and Completion
3	Drilling Technology
4	Hand pump Installation, Operation and Maintenance
5	Borehole Rehabilitation and Maintenance
6	Alternative Water Supply Sources: a) Hand Dug well Construction, (b) Spring Development, (c) Rain Water Harvesting
7	Drilling Machinery Maintenance Technology
8	Sanitation and Hygiene Practices
9	Community Mobilization and Sensitization

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Organization of the Project



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To improve rural water supply and sanitation in Nigeria...

NWRI's activities

- Training
- Research
- Library and Documentation Services
- Technical Services

Establishment of RWSSC

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9



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24

