

Sustainable Sanitation: A Maintenance Plan

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Need: There is a fundamental need for maintenance for clean water sources inside of healthcare facilities.

Approach: To provide a maintenance plan for the NDH to reduce infections post-hospitalization within the institution.

What's in Place:

- The Uganda Village Project implements community constructed shallow well projects
- WASH provides washing stations / other technology and training
- Water source maintenance is needed



The Problem:

- WHO / UNICEF Report recorded that WASH is limited in rural health centers
- Demonstrated need for an accountability plan that can maintain set plans



Project Plan:

- Sustainability and maintenance plans to support the placed sanitation system.
- Create more data for further usage
- Improve sanitation

Methods to Maintain: Three Phase Action Plan

Build & Maintain a Team

Execute Education Plans

Consistent Follow Ups

Future Plans:

Monthly

Check in to the NDH to collect checklists

Year 1

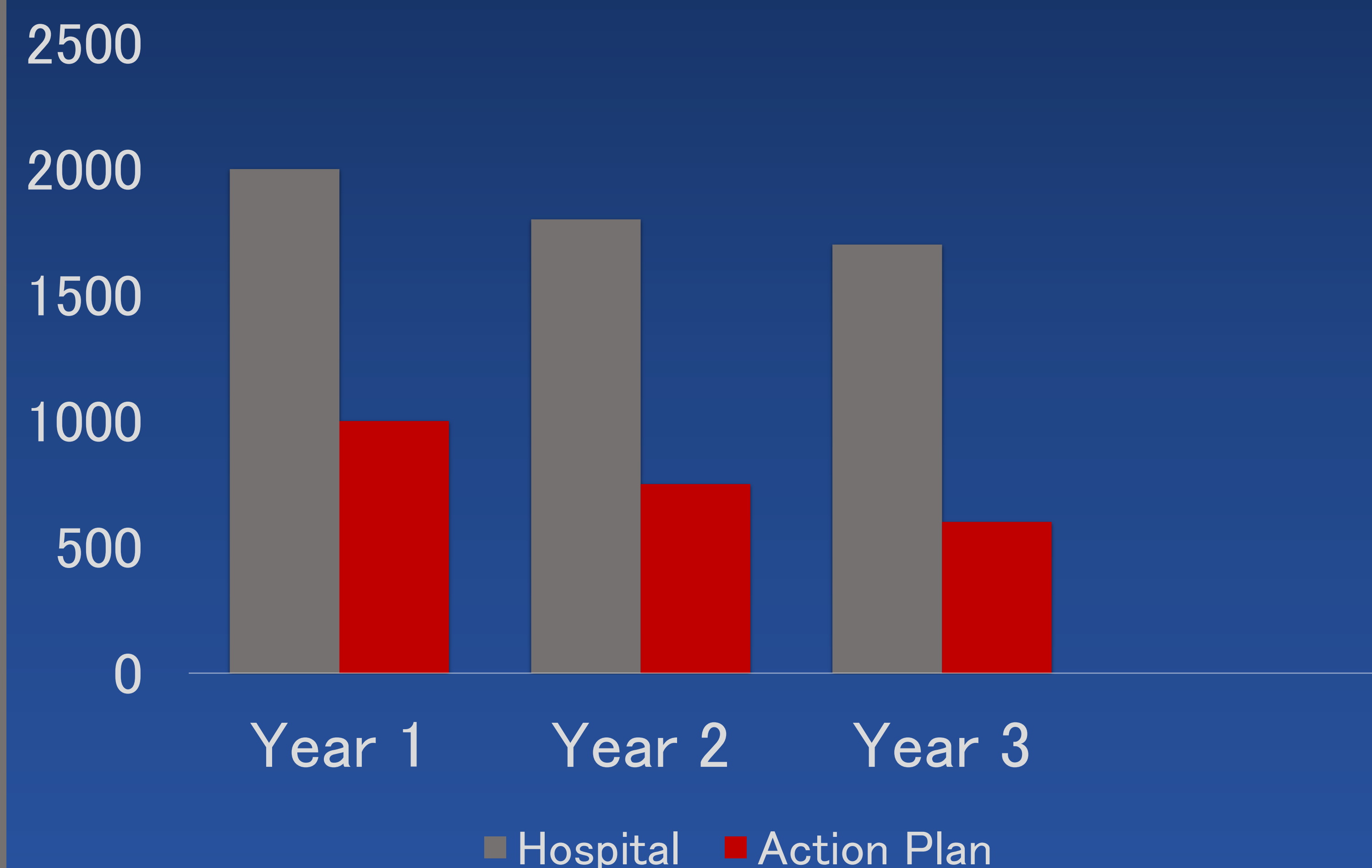
Annual

Receive feedback on overlying issues

Year 3

**3 Year
checkup**

Infections Post-Hospitalization



Conclusion:

- Improve the current standard for implementation of Water Sanitation Services in the NDH
- Create a Model for international usage
- UN Global Goals #6 Clean Water & Sanitation for all

References

Schwemlein, S., Cronk, R., & Bartram, J. (2016, March). Indicators for Monitoring Water, Sanitation, and Hygiene: A Systematic Review of Indicator Selection Methods. Retrieved November 28, 2017, from [https://www.researchgate.net/publication/309211111-Indicators-for-Monitoring-Water-Sanitation-and-Hygiene-A-Systematic-Review-of-Indicator-Selection-Methods](#)

Health Services, D. O. (2010). WASH For Mothers: Importance of Clean Water and Sanitation During Pregnancy. (2016, August 15). Retrieved November 28, 2017, from [https://www.researchgate.net/publication/309211111-Indicators-for-Monitoring-Water-Sanitation-and-Hygiene-A-Systematic-Review-of-Indicator-Selection-Methods](#)

Miller, Katie. (2015, March 25). Needed: Clean Water, Toilets, and Soap in Hospitals. Retrieved November 16, 2017, from [https://www.researchgate.net/publication/309211111-Indicators-for-Monitoring-Water-Sanitation-and-Hygiene-A-Systematic-Review-of-Indicator-Selection-Methods](#)

Petty Officer 2nd Class Jesse B. Awalt, U.S. Navy March 2, 2009