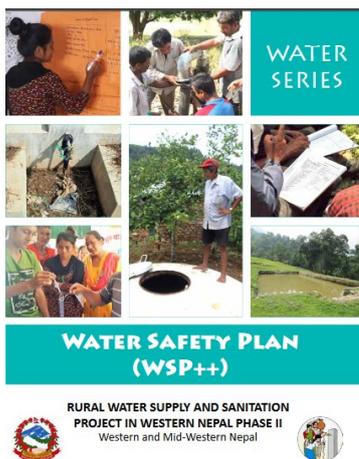


# Research Briefs by RWSSP-WN

## Theme: Functionality & Sustainability

- 🟢 *Research Briefs Issue 1:*  
Theme Sanitation & Hygiene
- 🔴 *Research Briefs Issue 2:*  
Theme Menstruation
- 🟠 *Research Briefs Issue 3:*  
Theme Functionality
- 🟡 *Research Briefs Issue 4:*  
Theme CCA/DRR



Water Safety Plan ++ is the key tool for functionality. For more, see Research Briefs Issue 4: Theme CCA/DRR. [Click here for WSP++ thematic leaflet](#)

In WSP++, on '+' stands for water tariff and Operation & Maintenance (O&M) fund. [Click here for a study titled Towards Reliable Operation & Maintenance Fund Management of Drinking Water Supply Schemes](#)

*In this issue:* introducing the research done in Rural Water Supply and Sanitation Project Phase II (RWSSP-WN) relating to its Result 2 Access to safe, functional & inclusive water supply services for all achieved and sustained in the Project working municipalities

### RWSSP-WN II & SDGs - Where do we stand?

This Brief reflects the work of RWSSP-WN II in fulfilling the goals of the Agenda 2030 and analyzes the Project results against the JMP criteria. This sets the overall scene for the functionality and service levels of the water supply schemes funded by RWSSP-WN.

[Click here for the RWSSP-WN Brief 4-2018 RWSSP-WN II & SDGs - Where do we stand?](#)

[Click here for related two-pager](#)

### Functionality of water schemes & women

This Research Brief focuses on women as Water Users and Sanitation Committee (WUSC) members. The data originates from the Project water supply scheme database, from gender-focused survey and from the lift schemes' survey. Are the water supply schemes more likely to be more functional if the WUSC has more women?

[Click here for the RWSSP-WN Brief 3-2019 Thinking Equal, Building Smart, Innovating for Change](#)

#WomensDay2019  
#BalanceforBetter #IWD2019

### Functionality and lift water schemes

Over the past 8 years, RWSSP-WN has supported 172 lift schemes, both solar and electric. This study contains exactly 100 lift water supply schemes that had been in operation for at least 12 months at the time of survey.

Study was presented at the International Conference on "Water, Environment and Climate Change: Knowledge Sharing and Partnership", April 10-12, 2018, Kathmandu, Nepal by Rautanen, Sanna-Leena & Ghimire, Dinesh (2018) *101 Lift Schemes + Comparing Electric and Solar*

*Lift Water Supply Schemes in Western Nepal.* [Click here for the full paper](#) and [click here for the presentation.](#)

[Click here for the RWSSP-WN Brief 10-2018 Lift water schemes functionality Learning from 100 schemes](#)

## Functionality of tube wells

RWSSP-WN II is committed to serve the unserved. Most Terai inhabitants have an access to shallow tube wells but these are usually considered unimproved due to the risk of bacteriological and arsenic contamination. This Brief presents findings of recent studies considering various functionality aspects of tube well schemes. The study findings question some of the general assumptions that have guided tube well construction in the Project.

Click here for the [RWSSP-WN 11-2018 Tube well scheme functionality - Learning outcomes of RWSSP-WN II](#)



## Learnings on long-term sustainability

WaterFinns ry took the challenge to evaluate the long-term sustainability of Finland—Nepal WASH cooperation results. Supported by the Ministry for Foreign Affairs of Finland and Maa- ja vesiteknikan tuki ry, the organization launched the NAPA WASH project. Altogether six master's theses, one bachelor's thesis and a comprehensive quantitative analysis were completed.

Click here for the [RWSSP-WN Brief 3-2017 A Quarter Century of Bilateral Finland-Nepal Cooperation](#)

Click here for the [WaterFinns' new project in Nepal](#)



Balikot solar lift scheme at Harinas Rural Municipality, Syangja district. Inaugural budget speech by Ms. Gita Nepali, WUSC member, in March 2018. The scheme serves 351 population and one school. Its O&M fund is saved in the local cooperative. [Click here for study on Cooperative as an Option for WUSCs](#)

## Functionality of sanitation

This Brief focuses on functionality of sanitation. It covered total 316 **public, institutional and school sanitation** facilities constructed 2009-2013 in RWSSP-WN Phase I, each re-visited again in 2014 as Phase II baseline. The questions included: How to ensure that public, institutional and school toilets are accessible to all, that they are child-gender-differently-able friendly? What have we learned from the past? What are we proposing for the future? What to recommend for the Institutional Management Committees of these facilities?

Click here for the [RWSSP-WN Brief 1-2016 Public, Institutional & School Latrines: WASH at Your Service?](#)

FCG



Ministry for Foreign Affairs of Finland

Rural Water Supply and Sanitation Project in Western Nepal Phase II was a bilateral development cooperation project funded by the governments of Nepal and Finland, and implemented through local governments and users' groups under the Department of Local Infrastructure at the Ministry of Federal Affairs and General Administration. RWSSP-WN II worked in 14 districts in Gandaki Province and Province 5 of Western and Mid-Western development regions in Nepal. During the final year the Project was implemented by 50 Municipalities and their M-WASH Units.

The Technical Assistance consultant for the Project was FCG International Ltd. (Finnish Consulting Group) [www.fcg.fi](http://www.fcg.fi)

Phase I: 08/2008—08/2013 Phase II: 09/2013—08/2019 Facebook: [/rwsspwn](#) Instagram: [/water\\_for\\_life\\_nepal](#)

This Research Brief series disseminates the findings of work by Rural Water Supply and Sanitation Project in Western Nepal Phase II. They carry the names of the authors and should be cited accordingly. The findings, interpretations, and conclusions expressed are entirely those of the authors. They do not necessarily represent the view of the Government of Nepal or the Government of Finland who funded the work. Research Briefs are available online at [www.rwsspwn.org.np](http://www.rwsspwn.org.np)