# Rainwater Harvesting System in Nepal; An impact evaluation of Ashden Domestic Rainwater Harvesting Project (BSP-Nepal)

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## Acronyms and Abbreviations

| | |
|---|---|
| AEPC | Alternative Energy Promotion Center |
| BSP | Biogas Support Program |
| BSP-Nepal | Biogas Sector Partnership Nepal |
| CBS | Center Bureau of Statistic |
| DDC | District Development Committee |
| ED | Executive Director |
| HH | Household |
| KFW | Kreditanstalt fur Wiederaufbau of Germany |
| MDG | Millennium Development Goal |
| NP | Nagarpalika/Municipality |
| RHCC Nepal | Rainwater Harvesting Capacity Center Nepal |
| RHS | Rainwater Harvesting System |
| R & D Unit | Research and Development Unit, BSP-Nepal |
| Rop. | Ropani |
| RWH | Rainwater Harvesting |
| SNV/N | Netherlands Development Organization in Nepal |
| VDC | Village Development Committee |
| WHO | World Health Organization |

## Abstract

*Ashden Domestic Rainwater harvesting Project is also putting a remarkable mark in the emerging RHS technologies to solve the water problem in water scarce areas. It is not able to reduce total women's drudgery but again reducing in some level and also minimizing the social conflict related to water. In the hill areas most of the settlements are located on the hilltop. Where the water supply is very unreliable and also suffering from the seasonal water scarcity. Availability of water in RHS is supporting users to improve the quality of life from different aspects and contributing to MDG too.*

*Main objectives of this study is to assess the socio-economic, health-sanitation and educational impacts of Ashden Domestic RHS Project of BSP-Nepal. Random sampling method has been selected for the individual questionnaire survey for this study. Both the quantitative and qualitative data has been collected for this study. And MS Excel computer programe is used to analyze the data from the field.*

*This study had included 34 HH RHS at least from 1 year and 7 neighbor HH which don't have RHS at their house. Though, using period of this RHS has not been longer and is difficult to measure the benefit. Initial investment to the RHS is somehow high but will be fully returned within the period of 1-2 years of operation. Each HH is saving 3.5 hrs per day (NPR 38.00, equivalent to the per day women's wage in local level). Saved time through the availability of water is being utilized in different activities by the users and started to realize positive impacts on their livelihood.*