

## **Notice for Stakeholder Feedback Round**

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Value Network Ventures (VNV) Advisory Services Pte. Ltd. has developed a clean cooking project in Nepal since the beginning of 2017. The mud ICS installed at the beneficiary households have completed the four years of their estimated device life. Currently, the mud-ICS are being replaced by even more efficient metallic ICS. The first crediting period of the project will end on 31 December 2021 and the project developer has initiated a process to renew the crediting period. In this regards, all necessary documents are updated in line with the latest requirements of the Gold Standard and applied methodology. A summary of change regarding this is uploaded in our website ([www.vnvadvisory.com](http://www.vnvadvisory.com)) while the registered PDD can be accessed from the Gold Standard impact registry (GS project ID: 6212). In this backdrop, the project developer initiates this stakeholder feedback round for the crediting period renewal for the project entitled “Promoting Clean Cooking Solutions for the Disadvantaged Households”. The stakeholders are hereby notified to share their views, concerns and feedback to the following address at the earliest but not later than two months from the date of publication of this notice.

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## GS PROJECT 6212: SUMMARY OF CHANGE FROM CP-1 TO CP-2

Particulars	CP-1	CP-2
Technology	Type: Natural draft mud-ICS	Type: Natural draft metallic-ICS
	Efficiency: 22.1%	Efficiency: 27.88%
	Device life: 4 years	Device life: 6 years
Baseline firewood consumption	4.23 tons/HH/yr	4.4 tons/HH/yr
No. of beneficiary household	17,936	14,721
Methodology	AMS.II.G (ver. 09)	AMS.II.G (ver. 12)

### 1. Introduction

In the first crediting period, the project disseminated a locally made mud-brick ICS (fixed type single pot rectangular/cylindrical rocket stoves) to the disadvantaged communities to the project households. The project start date for the project was 01/01/2017. The life of the stoves was taken as 4 years. Though most of the ICS are still in operation, project developer started replacing the ICS from 01/01/2021 as stipulated in the section C.1.2 of registered PDD (Version 2.4 dated 30/12/2018). Instead of replacing the mud stoves by the same types of stoves, project developer has opted replacing the mud stoves by metallic stoves with better efficiency. ICS under the project are being disseminated for free of cost and the associated cost will be recovered through carbon financing. The project developer has obtained necessary right to trade the emissions reductions attributed to the project units.

Originally the project aimed reaching disadvantaged people, specifically dalits and janajatis with the clean cooking solutions in form of rocket ICS prepared of mud. Project implementer trained people to cater the households with stove construction service. Female stove makers were trained to the extent possible. Those stove makers were compensated against the stove constructed by the households. Once the installation was complete, the project developer performed paperwork and the stove was recorded in the database.

### 2. Technologies/Measures

The project initially promoted mud rocket stove which is an improved stove design developed by Larry Winiarski and the Aprovecho Institute. The project developer has started replacement of the mud ICS with more efficient and durable metallic ICS. The replaced stove is “NEP Star-2” metallic stoves. It is the biomass based natural draft single pot stove developed by Environment Protection Centre Nepal. The life of the stoves is 6 years. The stoves can serves to cook food for the households with up to 10 members. The stoves has efficiency of 27.88% and has been tested by Renewable Energy Test Station (RETS) to ensure compliance with Nepal Interim Benchmark for Solid Biomass Cookstoves (NIBC) 2016. With the high power combustion, emission of indoor air pollutants is minimized rendering a smoke-free kitchen. Figure-1 and Figure-2 present the new stove and replaced stoves.



Figure 1: NEP STAR-2 Metallic Stove



Figure 2: A typical mud ICS replaced

### 3. Baseline and beneficiary

The baseline firewood consumption have been updated for the second crediting period as revealed from the new survey. To calculated the “Annual quantity of woody biomass that would have been used in the household in the absence of the project activity to generate thermal energy equivalent to that provided by the project devices”, the survey was undertaken to identify the consumption of the baseline firewood consumption for this crediting period. The survey was conducted in August, 2021 for the province-2 that includes the samples households from 8 districts that still use solid biomass based traditional cookstoves to meet their cooking requirement. The baseline firewood consumption taken for in the first crediting period was 4.23 tons/HH/Yr. The recent survey reveals the baseline firewood consumption as 4.4 tons/HH/Yr and same shall be applied for the second crediting period.

Originally the project devices were installed in 17,936 households. While the project developer wishes to replace the mud ICS with metallic ones in all those households, with the upgradation of the mud ICS with metallic ICS with higher efficiency, the same number cannot be retained in order for the project to remain within the small scale threshold. Hence, for the CP-2 the total number of beneficiary households have been reduced to 14,721.

### 4. Conclusion

Apart from the information discussed above, all other data and information have remained unchanged across the crediting periods. There are several changes in the documents though, but they are changes related to the compliance with the GS principles and standards and compliance with the impact quantification methodologies.