



IMPROVED COOK STOVE MARKET DEVELOPMENT IN RURAL NEPAL



Document Prepared by VNV Advisory Services Pte. Ltd.

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1 SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

The project, initiated in October 2018, tackles the significant problem of Household Air Pollution (HAP) prevalent in rural and impoverished communities of Nepal. These areas heavily rely on solid biomass fuel for cooking, leading to adverse health effects and environmental damage. By implementing improved cook stoves (ICS) in ten districts, namely Baglung, Argakhanchi, Bara, Chitwan, Gulmi, Kaski, Makwanpur, Myagdi, Parbat, and Syangja, the project has facilitated the distribution of 15,292 ICS units. With a fixed crediting period of 10 years, ending on October 31, 2028, the project has made notable contributions to Sustainable Development Goals (SDGs) 13, 7, and 3, specifically addressing climate action, clean energy access, and improved health conditions through reduced smoke emissions:

1. *SDG 1: The project has provided access to clean cooking solutions through improved cookstoves to 15,292 to proportion of population living in households with access to basic services.*
2. *SDG 7: The project has provided access to affordable improved cookstoves to 15,292 households.*
3. *SDG 13: During the monitoring period from 01/11/2018 to 31/10/2020, the project has prevented the emission of 46,931 tonnes of CO₂ into the atmosphere by installing ICS in 15,292 rural households.*

2 PROJECT CONTRIBUTIONS

Table 1 : Sustainable Development Contributions

Row number	SDG Target	SDG Indicator	Net Impact on SDG Indicator	Current Project Contributions	Contributions Over Project Lifetime
1)	1.4.	Number of households with access to basic services	Implemented activities to increase	In this monitoring period, the project has provided access to basic services from use of improved cookstoves to 15,292 Households	The project has provided 15,292 improved cookstoves in low-income households across Nepal enabled
2)	7.1	Number of households with primary reliance on clean fuels and technology	Implemented activities to increase	In this monitoring period, the project has provided affordable improved cookstove to 15,292 low-income rural households to get access to affordable and reliable clean energy.	The project has provided affordable improved cookstove to 15,292 low-income rural households to get access to affordable and reliable clean energy.
3)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	By installing ICS to 15,292 rural households, the project has prevented the release of 46,931 tonnes of CO2 into the atmosphere during the monitoring period 01/11/2018 to 31/10/2020.	By installing ICS to the rural households, the project is estimating to prevent the release of 319,830 tonnes of CO2 into the atmosphere over project lifetime.

APPENDIX 1: SUPPORTING EVIDENCE

S.No.	Supportive document
1.	SDG 7 & SDG 1: Project database
2.	SDG 13: ER sheet and Joint PDMR of MP 01