

EFFICIENT COOKING INITIATIVE FOR OFF-GRID COMMUNITY

Key Project Information

With joint initiative from the Value Network Ventures (VNV) Advisory Services and the Environment Protection Center, Nepal “**Efficient Cooking Initiative for off-grid Communities**” is implemented in the off-grid households at Tangiyabasti. Tangiyabasti is a settlement located in ward no. 16 of Jitpur Simara Sub-metropolitan City and is not connected with the national electricity grid. The households that use firewood in traditional cooking stoves for cooking are the project beneficiaries. Since, consumption of firewood is high in traditional cooking stoves, locals spend their significant time for managing firewood. The traditional cooking stoves consumes more firewood and also emits smoke polluting the indoor environment which has adverse impact on human health. Improved cooking stove is designed to allow more oxygen flow such that there is complete combustion in the stove. As the fire burns more easily and emits less smoke, it is beneficial from the environmental and human health point of view. The use of improved cooking stove (ICS) consumes less firewood as compared to the traditional cooking stove, users save their time for collecting firewood and utilize in some other productive work.

The ICS implemented by the project has higher efficiency compared to traditional cooking stoves used in pre-project scenario. Since, improved cooking stoves distributed under this program is installed free of cost, every target household have benefited from the program. Project developers are responsible for all the expenses required for construction, distribution and installation of ICS. Similarly, the project developers will also train locals for troubleshooting minor problems encountered in the ICS. This program is intended to be registered as a Gold Standard voluntary emission reduction project and the costs associated with it will be recovered through trade of emission reductions generated from the project.

आयोजना सम्बन्धि मुख्य जानकारी

Value Network Venture (VNV) Advisory Services, Singapore तथा Environmental Protection Centre Nepal को संयुक्त पहलमा टाङ्गीयावस्तीको घरधुरीहरूमा "Efficient Cooking Initiative for off-grid Communities" आयोजना सञ्चालन गरिएको छ । टाङ्गीयावस्ती जीतपुर सिमरा उप-महानगरपालिका वडा नं १६ मा अवस्थित रहेको छ यहाँ केन्द्रिय विद्युत प्रसारण लाइन पुगेको छैन । यस क्षेत्रमा रहेका परम्परागत चुलोमा दाउराको प्रयोग गरी खाना पकाउने घरधुरीहरू यस आयोजनाका लाभान्वितका रूपमा रहेका छन् । परम्परागत चुलोमा खाना बनाउँदा दाउराको खपत बढी हुनुका, धुवाँको उत्सर्जन पनि बढी रहने तथा दाउराको खपत बढी हुने हुनाले वातावरण तथा मानव स्वास्थ्यमा प्रतिकूल प्रभाव पर्नुका साथै प्रयोगकर्ताहरूको अधिकांश समय समेत दाउराको जोहो गर्न खर्च हुने गर्दछ । सुधारिएको चुलो प्रयोग गर्दा चुलोमा हावाको पर्याप्त मात्रामा प्रवाह हुने हुँदा आगो सजिलै बल्छ र धुवाँ पनि निकै कम मात्रामा निस्कन्छ, जसका कारण घरभित्र हुने प्रदूषण कम भई मानिसको स्वास्थ्यमा कम असर पर्ने देखिन्छ । यसरी सुधारिएको चुलोको प्रयोग गर्दा दाउरा पनि निकै कम खपत हुने भएकोले स्थानीयहरूले दाउरा खोज्न खर्चिने समय अन्य कुनै सृजनात्मक कामका लागि प्रयोग गर्न सक्नेछन् ।

परम्परागत चुलो भन्दा सुधारिएको चुलो निर्माण गर्न धेरै खर्च लाग्दछ । यस कार्यक्रम अन्तर्गत वितरण गरिने सुधारिएको चुलो सबैलाई निशुल्क प्रदान गरिएको छ । चुलोको निःशुल्क वितरण तथा जडान गरिएको हुँदा निम्न वर्गका परिवार समेत पनि यस कार्यक्रमबाट लाभान्वित भएका छन् । सुधारिएको चुलोको निर्माण, वितरण तथा जडानको लागि लामो सबै खर्च प्रस्तावकले वेहोर्ने छन् । यसका साथै यस चुलोमा आउने सानो तिनो समस्या समाधान गर्नको लागि स्थानीयहरूलाई तालिमको व्यवस्था गरिनेछ । यस आयोजनालाई Gold Standard स्वैच्छिक उत्सर्जन न्युनीकरण आयोजनाको रूपमा विकास गरी यस अन्तर्गत लामो सम्पूर्ण खर्च उत्सर्जन न्युनीकरणको बिक्रीको माध्यमबाट जुटाउने लक्ष्य लिइएको छ ।