



SIPCO

A member of
INTRACO Holdings

CAMBODIA

Improved COOKSTOVE

Project ID: VCS 2925

**GROUPED PROJECTS
FOR CAMBODIA
IMPROVED COOKSTOVE**

**DATE OF REGISTRATION
05/07/2023**

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Grouped Projects for Cambodia Improved Cookstove

PROPONENT

Organization name	Sustainability Investment Promotion and Development Joint Stock Company (INTRACO Holdings' subsidiary)
Contact person	Mr. Hoang Anh Dung
Title	Chairman
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Grouped Projects for Cambodia Improved Cookstove

DESCRIPTION

The project activity targets households with no previous improved cookstove (ICS) access and often use traditional three-stoned cookstoves for cooking. The geographical boundary is in Cambodia. ICSs are distributed free of cost to users. Sustainability Investment Promotion and Development Joint Stock Company (SIPCO) financed the implementation of the project in full.

The Project activity aims to reduce wood fuel consumption and contribute to improving public health problems. It also promotes the dissemination of energy-efficient ICS, which will in turn reduce deforestation and degradation of forests in Cambodia through the participation of the people in adopting energy-efficient stoves. This will also contribute to improvement in the quality of life of Cambodians through the reduction of drudgery, time and money spent on fuel wood collection and through the improvement of indoor air pollution. Globally, the project will contribute to sustainable development and climate change response by reducing the emission of GHG into the atmosphere.

The Grouped project will distribute free 800,000 ICSs to targeted households. All the project instances to be included in this grouped project will be from within Cambodia only. The estimate of annual average GHG emission reductions of the grouped project is 3,058,020 tCO₂e/annum.



CREDITING PERIOD

Grouped Projects for Cambodia Improved Cookstove

Fixed crediting period has been chosen

Start date of crediting period: 02/05/2022

End date of crediting period: 01/05/2032

Total number of years : 10 years, 00 months

A woman with dark hair is shown in profile on the left side of the image, looking towards the right. The background is a rustic interior with wooden beams and a large, light-colored cloth hanging. On the right, a wood-burning stove is visible, with a fire burning inside. A large metal pot sits on top of the stove. A hand is seen in the foreground, holding a piece of wood that is being placed into the stove. The overall scene suggests a traditional cooking method in a rural or developing area.

1,752,015 credits

have been issued for the 2022
and 2023 vintage

1 tCO₂ = 1 credit



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ESTIMATED GHG EMISSION REDUCTIONS OR REMOVALS

Year	Estimated GHG emission reductions or removals (tCO ₂ e)
2022	356,611
2023	1,395,404
2024	2,286,000
2025	3,163,860
2026	3,651,480
2027	4,082,400
2028	3,919,104
2029	3,723,149
2030	3,499,760
2031	3,254,777
2032	1,247,664
Total estimated ERs	30,580,209
Total number of crediting years	10
Average annual ERs	3,058,020





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TECHNOLOGY

A typical project activity instance will replace traditional firewood stoves with higher efficiency ICS that are more efficient than traditional firewood stoves as they reduce heat loss and improve heat transfer and/or combustion efficiency. The ICSs are fuel efficient, resulting in a decrease in fuel use in comparison to conventional pre-project stoves while also reducing particulate matter and carbon emissions. Design considerations have also streamlined assembly and construction to reduce cost and production times.

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These stoves deliver the same energy output as thermal energy supplied in the baseline scenario with traditional stone fire.



The Ecozen stove allows for significant savings of firewood compared to traditional stoves and is especially suitable for the cooking habits of the people in the target group. Its design ensures efficient combustion of fuel and cleaner fire and therefore uses considerably less fuel as compared to traditional stoves. This means speedy cooking, time and fuel savings, cleaner pans, kitchen walls and a cleaner indoor atmosphere.



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OWNERSHIP

The ownership of carbon credits is exclusivity with the Sustainability Investment Promotion and Development Joint Stock Company (SIPCO), SIPCO is the Coordinating and Managing Entity of the grouped project, the ownership of carbon credits shall be demonstrated through the following indicative information:

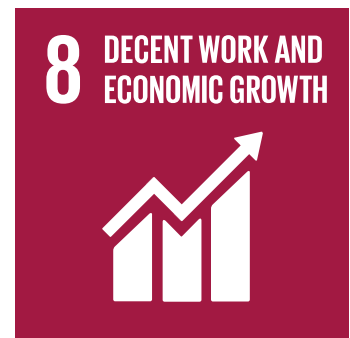
SIPCO purchases improved cookstoves (ICS) directly from the cookstove manufacturer named Viet Charcoal Production Company Limited. The cookstove purchase contract shall be signed between the two parties for each project activity (project instance) in this grouped project. Every contract will be attached with a statement or/and a beneficial agreement between the project owner (SIPCO) and the cookstove manufacturer, the statement or/and beneficial agreement is to confirm that all carbon credits right from the purchased cookstoves for the project activity shall be remained to the project owner without affected result with cookstove manufacturer.

The ownership of carbon credits also is demonstrated through a beneficial agreement between the project owner, SIPCO, and the household that gets a free distributed improved cookstove, the household shall be the end user, and the beneficial agreement shall confirm that the household shall irrevocably transfer all rights to any carbon credits that may be generated by the operation of the improved cookstove to SIPCO, and to take all reasonable steps to affect such transfer; the household irrevocably waives any rights to carbon credits in exchange for the free supply of the improved cookstove.



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SDGs





THANK YOU

We work to reduce poverty and improve the local environment while slowing climate change. We develop projects that help people access energy-efficient cookstoves, safe drinking water, and renewable energy. We leverage carbon finance and social finance to bring these projects to scale.



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