



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 7,115,853 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 side, a traditional wood-burning stove is visible, with a large metal pot on top. A hand is seen at the bottom right, holding a piece of wood to be added to the stove. The overall scene suggests a rural or traditional cooking environment.

822,265
tCO₂

in the first credit period (from
02/05/2022 to 31/03/2023)

1 tCO₂ = 1 credit



Grouped Projects for Cambodia Improved Cookstove

ESTIMATED GHG EMISSION REDUCTIONS OR REMOVALS

Year	Estimated GHG emission reductions or removals (tCO ₂ e)
Year 1 (02/05/2022-01/05/2023)	7,574,801
Year 2 (02/05/2023-01/05/2024)	7,470,068
Year 3 (02/05/2024-01/05/2025)	7,366,382
Year 4 (02/05/2025-01/05/2026)	7,263,733
Year 5 (02/05/2026-01/05/2027)	7,162,111
Year 6 (02/05/2027-01/05/2028)	7,061,505
Year 7(02/05/2028-01/05/2029)	6,961,905
Year 8 (02/05/2029-01/05/2030)	6,863,301
Year 9 (02/05/2030-01/05/2031)	6,765,683
Year 10 (02/05/2031-01/05/2032)	6,669,041
Total estimated ERs	71,158,530
Total number of crediting years	10
Average annual ERs	7,115,853



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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.



Grouped Projects for Cambodia Improved Cookstove

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:

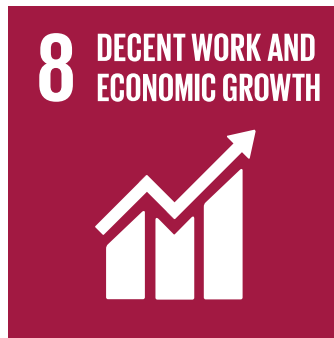
SIPCO purchases improved cookstoves (ICS) directly from the cookstove manufacturer named Viet Charcoal Production Company Limited. The cookstove purchase contract shall be signed between the two parties for each project activity (project instance) in this grouped project. Every contract will be attached 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



THE GLOBAL GOALS



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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