

# LOCAL STAKEHOLDER CONSULATION

## DISTRIBUTION OF ONIL STOVES - PROJECT 1 and PROJECT 2

2 June 2022

VERRA-Verified Carbon Standard (VCS) &  
SD VISta



C-Quest Capital Stoves Asia Limited



# PURPOSE OF THE MEETING

To explain the background and purpose of ONIL Stoves distribution project in Guatemala

To introduce VCS and SD VSta standard under VERRA

To seek feedback from participants on project design and implementation

To address questions from participants about the proposed project and its implementation



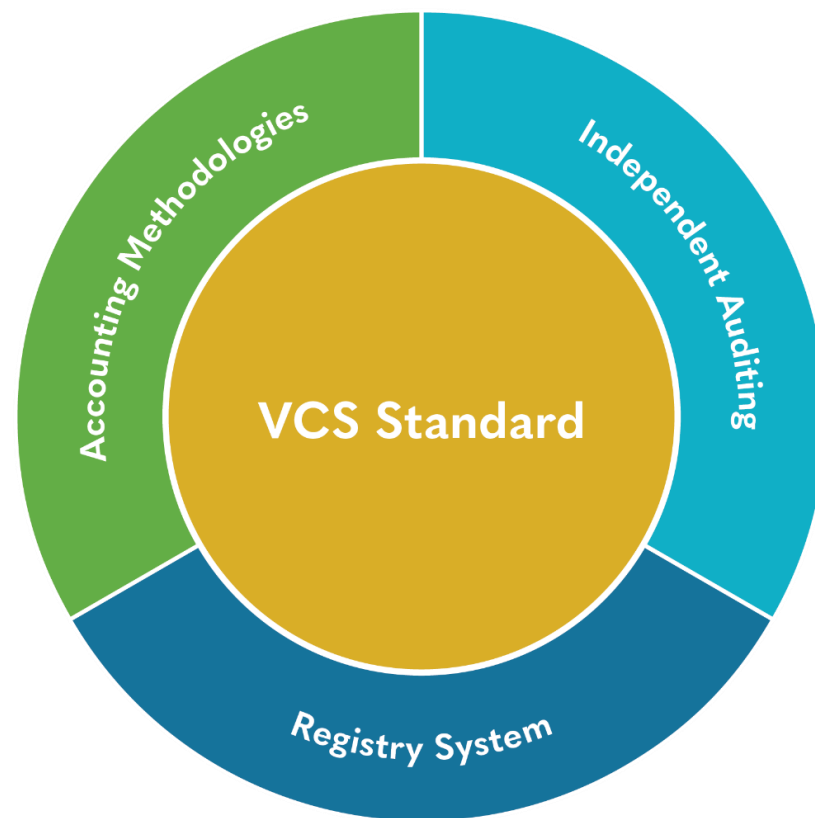
# Verified Carbon Standard (VCS)

The VCS Program is the world's most widely used voluntary GHG program.

**Independent Auditing:** All VCS projects are subject to desk and field audits by both qualified independent third parties and Verra staff to ensure that standards are met, and methodologies are properly applied.

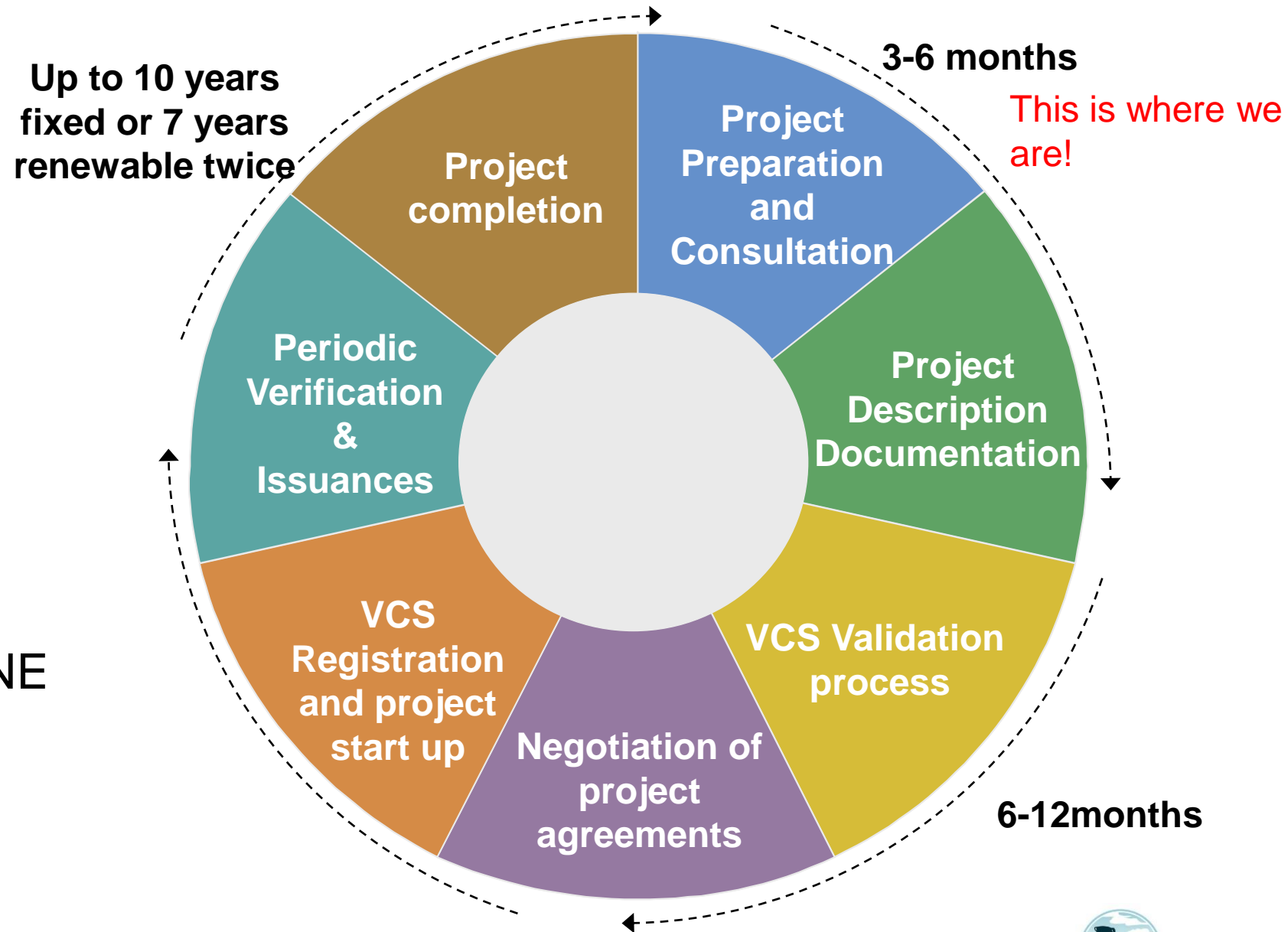
**Accounting Methodologies:** Projects are assessed using a technically sound GHG emission reduction quantification methodology specific to that project type.

**Registry System:** The registry system is the central storehouse of data on all registered projects, and tracks the generation, retirement and cancellation of all VCUs. To register with the program, projects must show that they have met all standards and methodological requirements.





## VCS PROGRAM TIMELINE





# Sustainable Development Verified Impact Standard (SD VISTA)

Applies to projects that aim to deliver sustainable development benefits

## SUSTAINABLE DEVELOPMENT GOALS



# Sustainable Development Verified Impact Standard (SD VISta)



The Verra registry tracks the generation, retirement and cancellation of any SD VISta asset

# DISTRIBUTION OF ONIL STOVES - PROJECT 1 and PROJECT 2

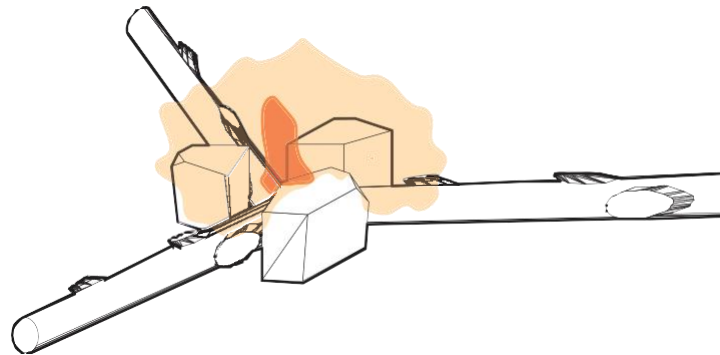
# BACKGROUND

- Significant population (48 percent) lives in rural areas of Guatemala with limited access to resources
- Majority of the population still uses inefficient stoves which impact women and children
- Consistently breathing in wood smoke can cause diseases such as stroke, ischemic heart disease, chronic obstructive pulmonary disease (COPD) and lung cancer.
- The project aims to improve the cooking scenario of the rural population by distributing clean and efficient ONIL stoves

# BASELINE SCENARIO

Locals of communities of Guatemala are using the following stoves to meet similar thermal energy needs as provided by project cookstoves in absence of project

- Three (3) Stone fire conventional cookstove using firewood
- The baseline conventional cookstove with no improved combustion air supply or flue gas ventilation, that is without a grate or a chimney



# HOW IT WORKS

- Replacing traditional open fires with improved cook stoves reduces firewood consumption & results in reduction of greenhouse gases (mostly Carbon Dioxide).
- SD VISta labelled Verified Carbon Units are issued by VERRA
- The finance obtained from selling carbon credits is used for subsidizing the ONIL Stoves for households



Emission Reduction  
Projects

VCS  
& SD VISta



SD VISta labelled  
Verified Carbon  
Units

VCUs are used for subsidizing ICS for rural households

# HOW REVENUE FROM CARBON CREDITS IS USED

- Improve stove affordability and availability to a wider range of households
- Finance training on use and maintenance of improved stoves
- Finance project management & dissemination to targeted beneficiaries
- Finance ongoing monitoring, verification of use, and communication about good stove maintenance



# GEOGRAPHICAL EXTENT

The political boundary of Guatemala will be the geographical boundary of this project.



# WHY ONIL STOVE ?



## Energy Efficient

Reduces wood consumption by 65%



## Eco-Friendly

Reduced smoke emission leads to better indoor air quality and reduces stress on environment



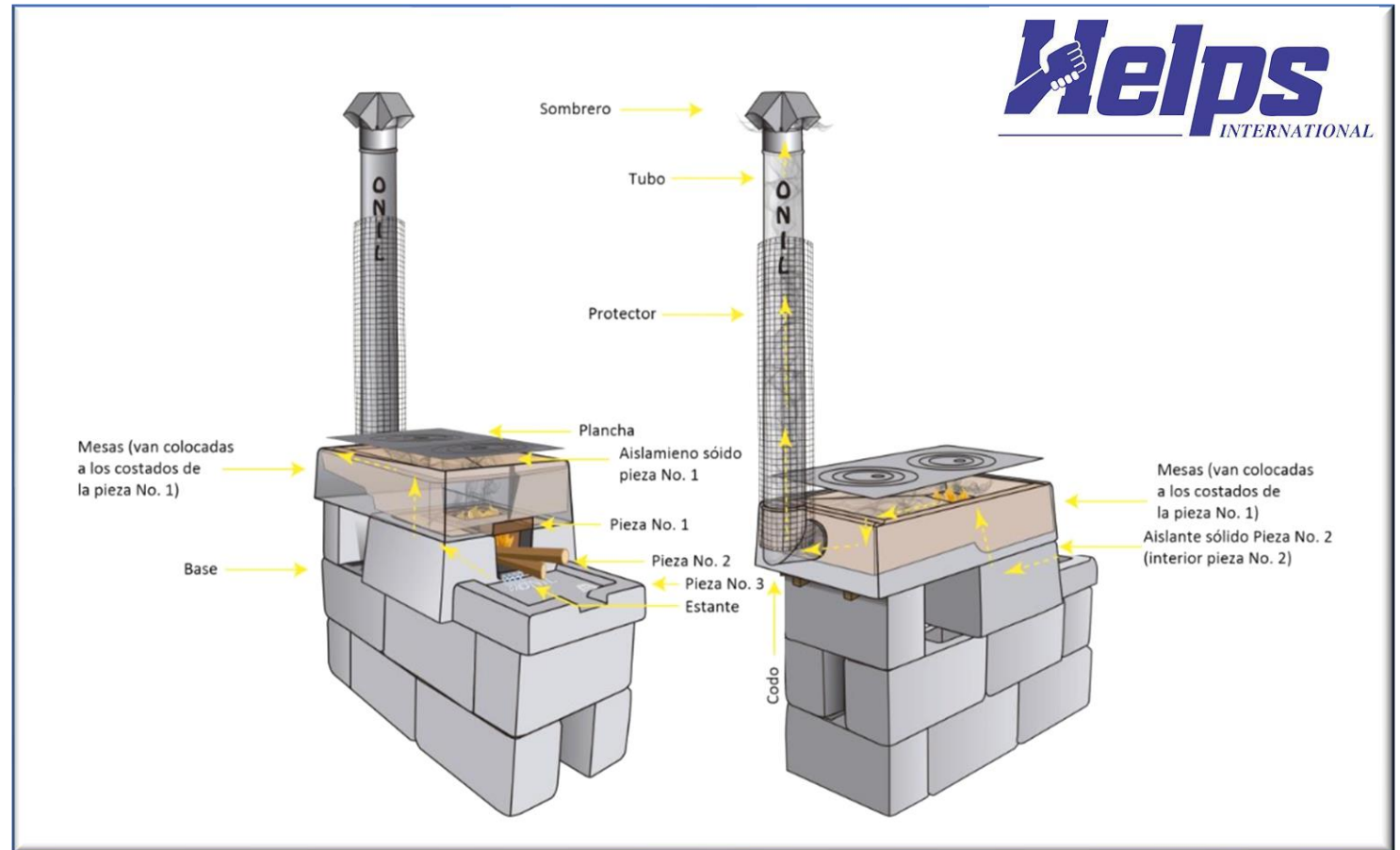
## Saves time

Requires shorter cooking duration; saves time needed for collection of firewood



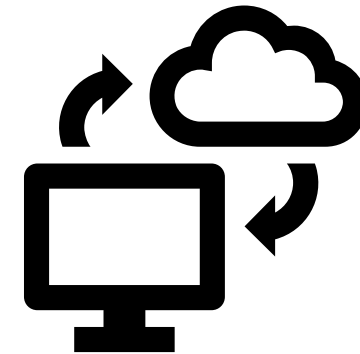
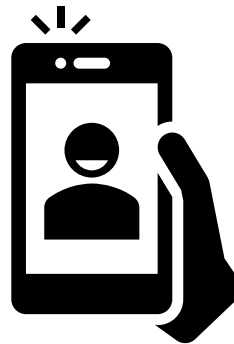
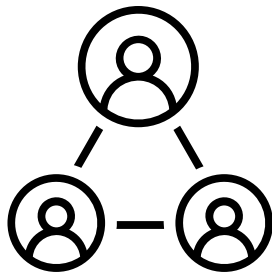
# TECHNOLOGY - ONIL PLANCHA STOVE<sup>1</sup>

- Combustion chamber is designed to take advantage of a high percentage of the energy generated and reducing fuel consumption
- Thermal Efficiency: 31.67%
- Production Material: Concrete and Steel



# PROJECT IMPLEMENTATION

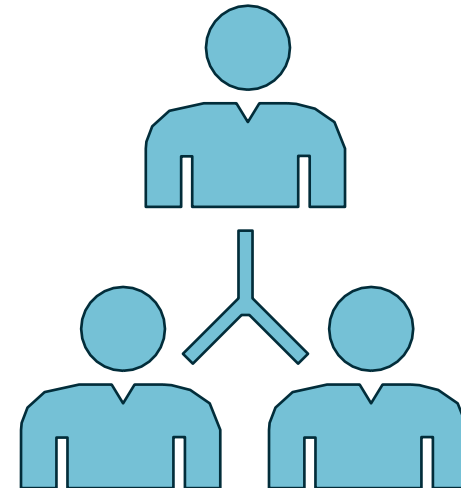
- Implementation partners work closely with local authorities to install stoves in households within a village or district.
- The registration of each stove includes assigning a unique serial number and collecting end-user information including location information, signature/thumbprint, photographs and date of installation.
- Registration information is collected via a Smart Phone App and it is submitted to a cloud database.



# CONSTANT COMMUNICATION

Local stakeholders can continue to engage with the project through the following ways:

- C-Quest Capital's contact information provided at the end of this presentation
- Through local, implementing partners, once they have been identified
- Contact information that is provided to all end-users and stakeholders during the implementation of the project



# SUSTAINABLE DEVELOPMENT Contribution by Project (1/2)



Provision of access to basic services



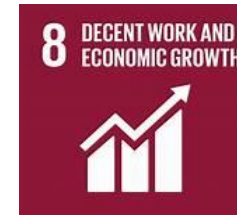
- Reduced exposure to harmful air emissions and respiratory and cardiovascular ailments
- Reduced risk of burns and other injuries
- Improved quality of life due to healthier, cleaner and enhances socio-economic status of the beneficiaries



- Generation of employment opportunities for local women via adoption of stove program
- Reduction in drudgery



Reduced consumption of fuelwood for daily cooking needs



Generation of employment opportunities

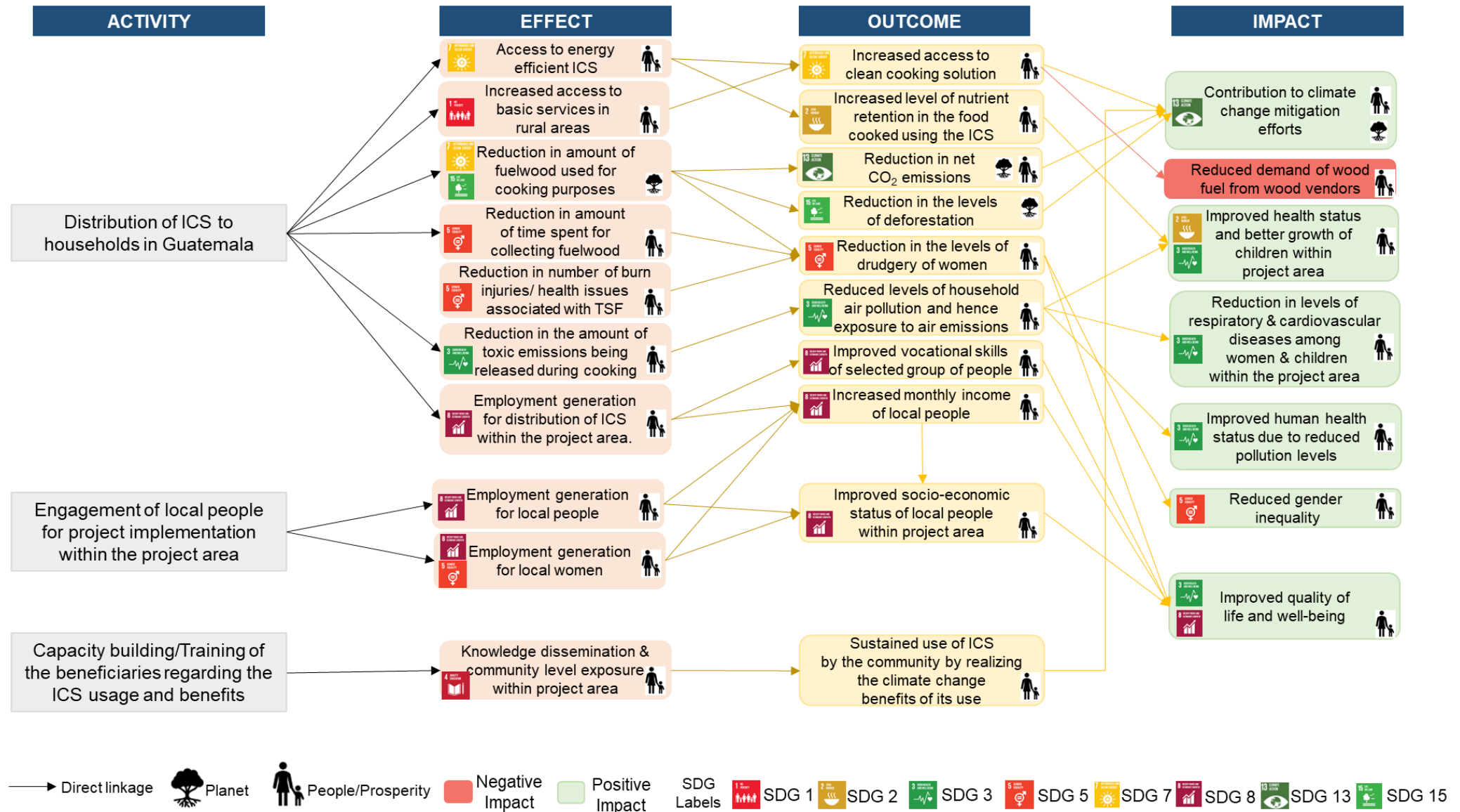


Reduction in net CO<sub>2</sub> emissions released into the atmosphere



Reduced deforestation due to decrease in fuel consumption

# SUSTAINABLE DEVELOPMENT Contribution by Project (2/2)



# QUESTIONS AND ANSWERS SESSION



**Carbon Powered Community  
Development**

**We are open for Queries and  
discussion**

**Contact Us:**

Email: [CQC\\_CSAT@CquestCapital.com](mailto:CQC_CSAT@CquestCapital.com)

website: <https://cquestcapital.com/>

Address:

C-Quest Capital LLC, 1015, 18th Street, NW, Ste 730, Washington, DC 20036, USA.

C-Quest Capital Stoves Asia Limited , Brumby Centre, Lot 42, Jalan Muhibbah, 87000 Labuan, Malaysia

Phone Number: 502-57840501 ; José Luis Loarca, Executive Director, HELPS International

*Thank You!*