



# Health Innovation and Collaboration to Support the UN SDGs

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SUSTAINABLE  
DEVELOPMENT



## How can the private sector contribute?



*As a valuable  
source of funding*



Driver of  
*sustainable  
economic growth  
and  
value creation*



*As an actor  
in global  
development*



**Collective action** and partnerships, united all global stakeholders, are required

*By innovating and collaborating together, real solutions for sustainability can be delivered.*



# ***NRS International and Corporate Responsibility***

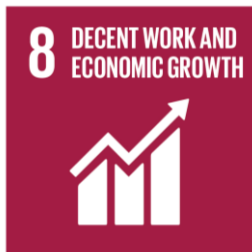




## Our responsibility



7,000 employees in Pakistan, supporting a wider community of 25,000.



Protection of workers' rights, guarding against exploitation and improvement of health and safety.



We set aggressive emission and production waste targets, and recycle and reuse throughout the production process.



## Our responsibility



## Our responsibility



Reducing disease caused by the transportation of water in unhygienic containers.



Spreading light and connectivity by tapping into the power of the sun.



## Our responsibility to the global community



## Our responsibility to the global community



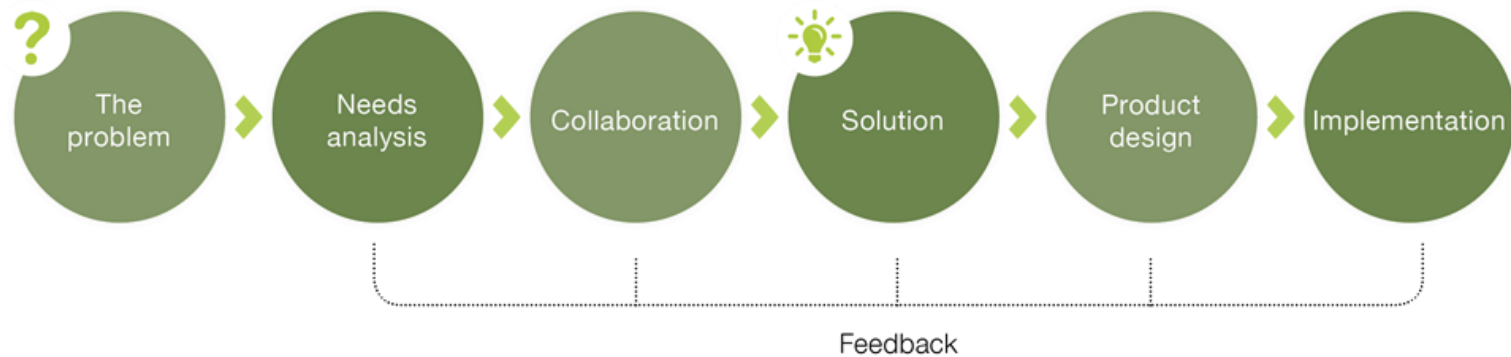
We never stop innovating so that the needs of the global humanitarian community are met.

**To meet the ambitious targets of the SDGs, we collaborate with all stakeholders to pioneer novel, breakthrough products and technology.**

We call this approach...



## Innovation cycle



## *Health Innovation and Collaboration to Support the SDGs*

**3** GOOD HEALTH  
AND WELL-BEING



### **SDG 3:**

**Ensure healthy lives and  
promote well-being for all  
at all ages**

## Fighting malaria

How far  
we've  
come

**37%** drop in global malaria incidence rate since 2000.

**60%** drop in malaria mortality rate since 2000

**MDG malaria target achieved**

What  
still  
needs to  
be done

**1/2** of the global population remains at risk from malaria.

**Drug resistance** is growing.

**97** - number of countries where malaria remains endemic.

*Collaboration and innovation is vital to continue the fight.*



## *Innovation in action:* **Fighting malaria in Greater Mekong Subregion**

### ***The problem:***

- Slash-and-burning in the Mekong Delta means loggers sleep in the deep forest.
- This population is highly vulnerable to malaria – especially due to growing artemisinin resistance.

### ***Collaborating for success:***

- **TANA Netting** collaborated with Institute of Tropical Medicine Antwerp and communities in Cambodia.

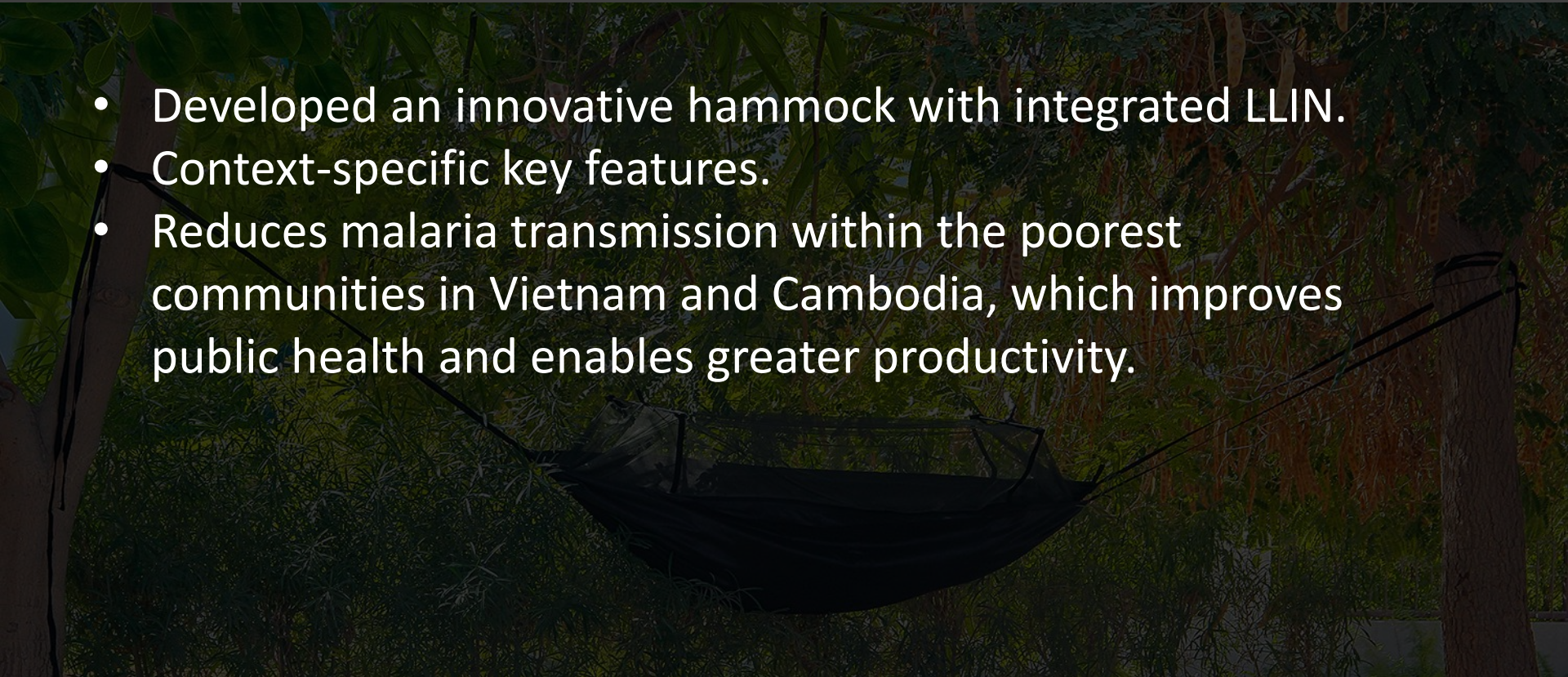




***Innovation in action:***  
**Fighting malaria in Greater Mekong Subregion**

***The solution: Canopy Hammock***

- Developed an innovative hammock with integrated LLIN.
- Context-specific key features.
- Reduces malaria transmission within the poorest communities in Vietnam and Cambodia, which improves public health and enables greater productivity.





***Protection***



***Context-specific***



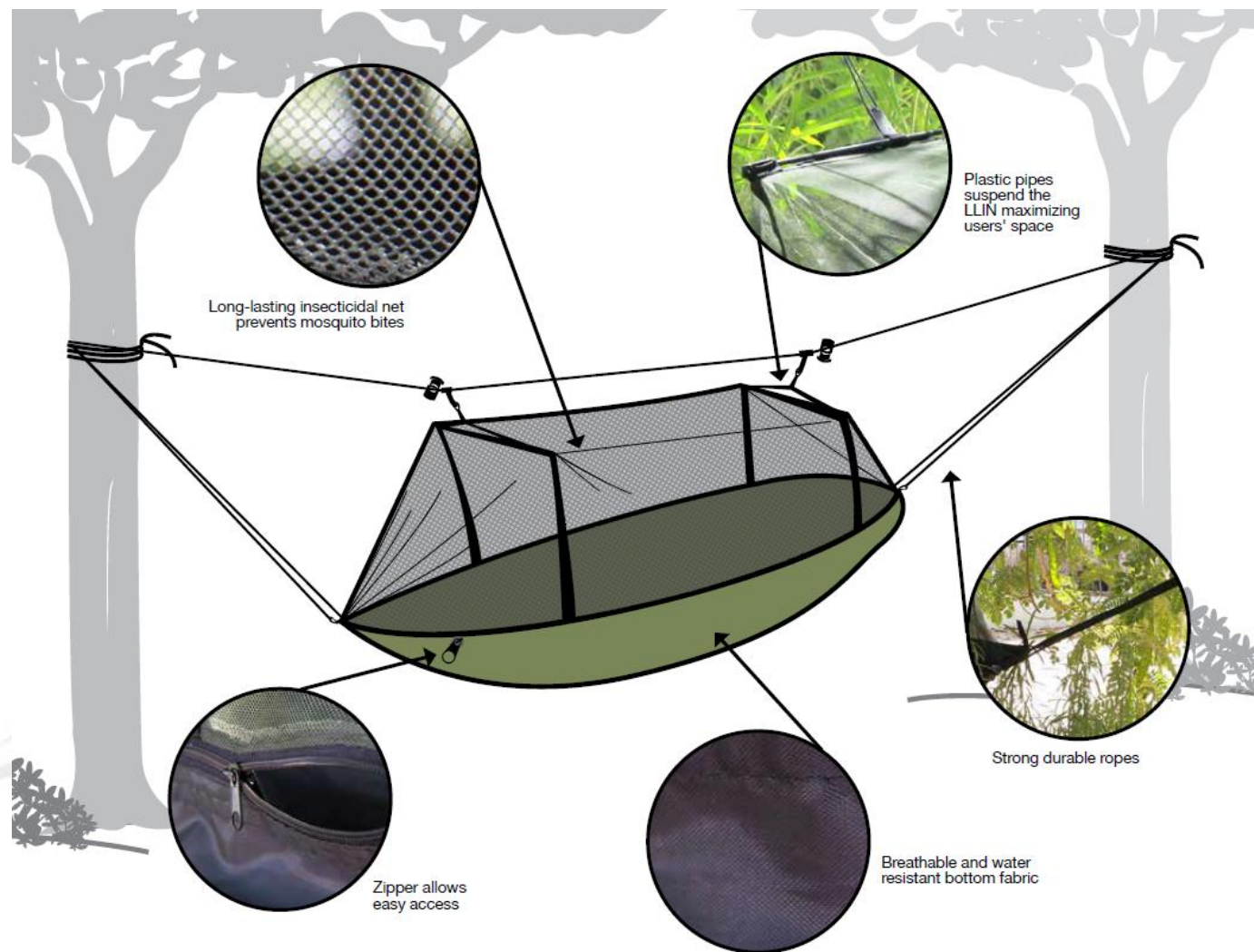
***Multi-purpose***



***Comfortable***



***Collaboration  
for success***





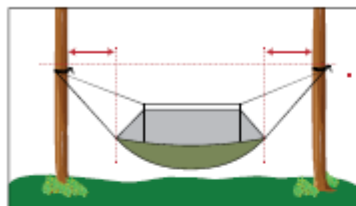


## DUAL PURPOSE:

The product can be used elevated as a hammock or on a level surface as a tent

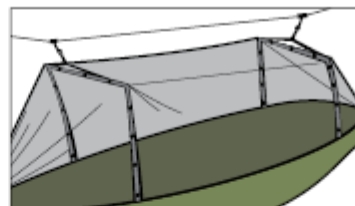


## Instructions to use



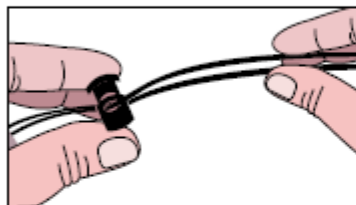
### 1. Hanging your hammock

Hang the Canopy Hammock between two points (e.g. trees, posts) about the right distance apart. Attach the end of the four straps to a higher point to give the hammock a comfortable, loose sag.



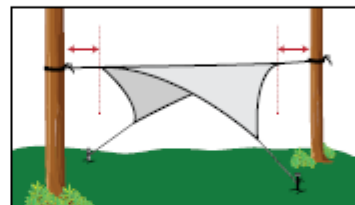
### 2. Pole sticks

Unzip the hammock. The integrated pole sticks in the four inner corners build a free-standing canopy that avoids contact with the integrated insecticidal net.



### 3. Adjusting the drawstrings

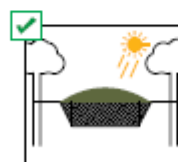
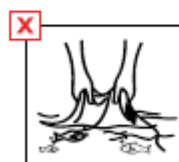
Tighten or loosen the elastic strings on each side of the hammock net to ensure comfort and safety. Keep in mind that the tighter you pull your hammock, the greater the forces will be on the suspension and anchor points.



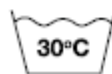
### 4. Installing the RainFly

Drape the RainFly over the hammock for rain and wind protection. Tie two strings around the trees and fix two strings onto the ground (e.g. using nails, steel pegs, bushes, etc.)

## ⚠ Caring for your hammock



- Wash gently in a receptacle, such as a bucket or basin.
- Cold wash with mild soap and keep the long lasting insecticidal net away from direct sunlight.
- Dry in the shade.
- Please ensure when drying that the hammock is reversed so that the LLIN is not facing directly into the sun.



Cool wash



No bleach



No ironing



No dry cleaning



No tumble

Keep away from sources of ignition.

### Precautions for LLIN:

If any irritation occurs, rinse with water.

In case of eye contact, rinse immediately with plenty of water.

*Innovation in action:*  
**Fighting malaria in Greater Mekong Subregion**

*User acceptance*

**94.6%**

- Beneficiaries drove the design process, and so the product had an extremely high acceptance rate
- Qualitative data also confirmed preference for the Canopy Hammock over existing LLHTNs.

# **New field hospital solutions for humanitarian field operations**

## *Innovation in action:* **Next generation field hospital**

### ***The problem:***

- Internal research and feedback from the field revealed the need for a new generation of field hospital, that was:
  - Resistant to disinfectants and detergents
  - Robust enough to cope with all weathers
  - Lightweight to enable rapid deployment by air
  - Cost-effective yet high quality

### ***Collaborating for success:***

- **NRS Relief** collaborated with major aid agencies, NGOs and health workers in the field.

## *Innovation in action:* Next generation field hospital



### *The solution: HuggyPRO*



#### **High-performance**

Innovative tent design with newly-engineered lightweight steel frame and high-performance laminated polyethylene cover



#### **Multi-purpose**

Lightweight, multi-purpose tent for medical, educational, office or accommodation use



#### **All climate zones**

Adaptable to different climate zones. High wind and snow load resistance



#### **Disinfectable**

Ideal for medical purposes, easy to clean with disinfectants



#### **Eco friendly**

All materials can be reused, recycled or safely disposed.



Reflective  
guy ropes

Improved shade  
cover design

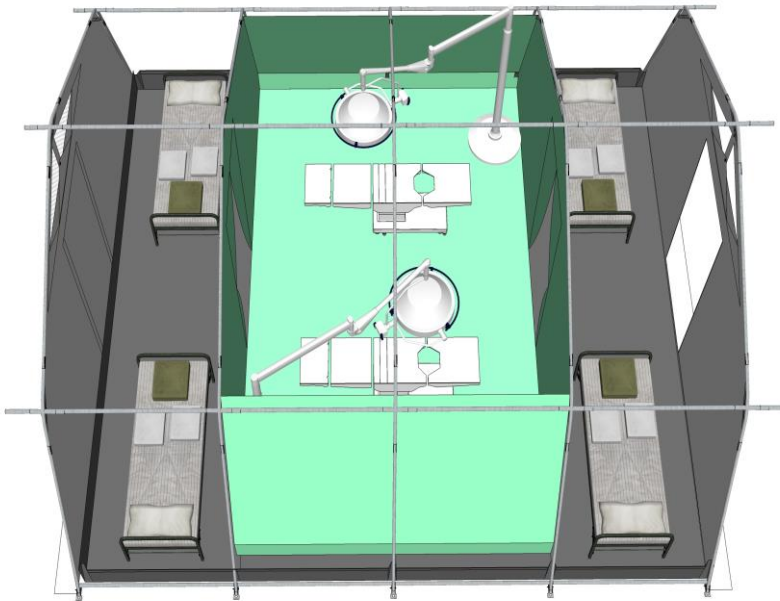
Advanced  
ventilation

Stronger frame  
and lower weight

Single piece  
cover design for  
easy setup

Large windows





- *Innovation is dynamic problem-solving among partners*
- We follow a cycle of innovation that invites our customers and beneficiaries to contribute to the optimal product.
- It is through this process that together we can **ensure healthy lives and promote well-being for all at all ages.**



**Thank you**