HUSK VENTURES

Transforming agricultural waste into climate-positive solutions

A COMPANY SUPPORTED BY:

innovations against poverty

COMPANY SNAPSHOT

Country: Cambodia & Vietnam

Year Founded: 2017

Sector: Agri-Food & Energy

WHAT WE DO:

HUSK transforms rice husks and agricultural byproducts into smart biochar-based fertilizers and biostimulants that regenerate soils, increase yields, and sequester carbon.

IMPROVING RURAL LIVELIHOODS WHILE FIGHTING CLIMATE CHANGE

Smallholder farmers across Southeast Asia face **soil degradation, poor yields, and the worsening impacts of climate change**, limiting their income potential and food security. Meanwhile, rice production byproducts often go to waste, contributing to greenhouse gas emissions and lost value.

HUSK is an award-winning company that produces smart biochar-based fertilizers and biostimulants that improve soil quality, reduce reliance on chemical inputs, and deliver significant yield increases, creating **stronger, more resilient rural livelihoods while contributing to global climate action.**

HUSK's scalable model **transforms rice husks and other agricultural waste into biochar-based fertilizers, carbon-based soil enhancers, and liquid biostimulants**. Using a smokeless pyrolysis technology installed in rice mills, HUSK products regenerate soil, boost farmer yields, and permanently store carbon in the soil.

Husk products include:

- High-performance biochar soil enhancers
- Granulated carbon-based fertilizers
- Liquid plant biostimulants
- Natural biopesticides
- European-certified carbon removal credits

"I've been using Husk products for over three years, and they've transformed my farm. My income has increased, I'm seeing new earthworms in the soil, and I have less disease without spending money on chemical fertilizers. I'm so satisfied, I'm recommending Husk to all my neighbors to encourage organic farming and help mitigate climate change."

— Mrs. SOM Sitha, Husk customer

Last updated: July 2025

INNOVATING TO REGENERATE SOILS AND CAPTURE CARBON

Since 2017...

4,600+
hectares of soil regenerated

2,400+
tonnes of carbon removed from the atmosphere

5,600+
livelihoods improved across rural Cambodia

30%
average yield increase

Husk operates with a unique business model, where certified carbon removal credits generated through biochar sales make Husk products affordable for smallholders.

Rice feeds over 50% of the global population, with the global rice market alone forecasted to reach **$358 billion by 2025.**

HUSK is the first biochar company outside of the US and EU certified to sell carbon removal credits, and has conducted **250+ farm trials to date.**

With support from IAP, HUSK has scaled product commercialization in Cambodia's rice and horticulture sectors and expanded operations into Vietnam.

HUSK is a pioneer of climate-positive solutions, establishing the world's first rice mill biochar plant using continuous flow pyrolysis technology. The company was recognized as the **winner of the 2024 Ship2B Impact Startup Award.**

Funding to date:
$10 million USD
from Mekong Capital, IAP, and others

Funding needed:
$15 million USD

2024 Revenue:
$635,000 USD

2024 PBT:
-$1.2 million USD

HUSK aims to expand its market share in Cambodia, scale into Vietnam and across Southeast Asia with a new partnership model. The company seeks partners and capital to accelerate product commercialization, build new agribusiness partnerships, and scale carbon credit sales.

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Funded by: Sweden Sverige

Managed by: SNV

In collaboration with: Inclusive Business Partners, bop inc

Learn more about Innovations Against Poverty and IAP grantees

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