

## Agrobiodiversity Innovation Challenge Finalists



**NovFeed (Tanzania)** — *Diana Orembe, Co-founder & CEO*

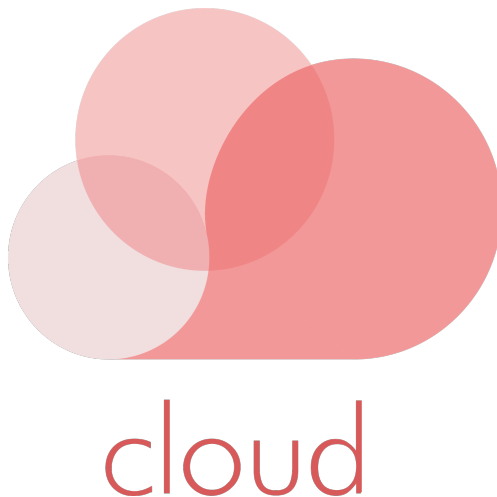
NovFeed uses chemical-free biotechnology to transform organic waste to produce new cost-effective and sustainable protein ingredients using bacteria single cell protein to replace unsustainable sources such as fish meal and soy meal.



**SeaSoilution**

**SeaSoilution (Dominican Republic/Germany)** — *Constantin Weberpals, Project Lead; Reynaldo Valdez Garcia, Business Development*

SeaSoilution uses the excessive amounts of foul-smelling brown algae, or Sargassum, resulting from climate change and overfertilization to produce a nutrient-rich Biostimulant, an organic fertilizer 2.0 that improves the soil quality and the long-term growth of plants.



**Cloud Pads (UAE, Lebanon, MENA)** — *Yara Haydar, Co-founder & Marketing/PR; Sarah El Harouny, Co-founder & CEO*

Cloud Pads is redesigning the period experience by using banana fiber waste with organic cotton and bioplastic to create disposable period pads that are better for menstruators' bodies and the environment. The pads are healthy, natural, responsible, and convenient, yet 100% biodegradable and compostable.

The logo for SABEXNG, featuring the text "SABEXNG" in a bold, black, sans-serif font, centered within a light blue rectangular background.

**SABEX (Nigeria)** — *David Apenda, Lead/Product Manager*

SABEX is a digital commodity trading and warehouse receipt financing platform built on blockchain, offering a significant price-risk management solution for both buyers and sellers and providing transparency to all players.



**Irri-Smart (Morocco)** — *Prof. Aziz Abouabdillah, Innovation Author*

Irri-Smart is a free application that optimizes on-field drip irrigation by providing farmers with necessary irrigation parameters (including location, irrigation system, crop, and soil) from weather stations or satellite data without the need for any equipment installation on-field.



**Koolmill (India, Nigeria, UK)** — *Penny Morton, Project Engineer/Manager*

Koolmill has pioneered a paradigm shift in rice processing, offering a simpler, gentler, ultra-low power, off-grid technology. Through their novel Machinery as a Service Business Model, their technology is affordable and accessible to all, delivering more food from existing harvests with less loss, less power, and less environmental impact.



**SwitchON (India)** — Avro Basu, Project Manager

SwitchON works with farmers in India to enhance knowledge and training on sustainable practices and organic agriculture, as well as to address the absence of markets for organic produce. SwitchON has made farmers self-sufficient and created a zero-waste farm production model. To date SwitchON has helped over 350 farmers by linking them to various government schemes and facilitated seed procurement licenses.



**NjordFrey (Rwanda)** — Lars Hededam, Founder & CEO

NjordFrey provides developing smallholder farmers access to advanced and sustainably designed aquaponic-based solutions as part of a credit model, that will reduce levels of malnutrition while increasing their economic growth.



**Hook & Delivery (H&D) System (Italy)** — Isabella Fiorello, Founder

H&D consists of a miniature biodegradable patch with dissolvable bioinspired microhooks which anchor to plant leaf surfaces and access plant vascular tissues for in situ leaf applications, providing high precision, high efficiency, and low biodiversity impact molecular and micro/nano vehicle delivery for a range of markets.



**Rural Farmers Hub / Capture (Nigeria, Namibia, Burkina Faso) — Gabriel Eze, Co-founder & COO**

Capture is a precision management and crop intelligence solution for crop health & soil quality assessment for small farmers, plantations, and out-growers. It uses big data to advise on the optimal farming decisions that are personalized and delivered in near real-time, accessible via SMS and mobile apps.