

## European Solar and Energy Storage Solutions

# Gabon talus renewables



## Overview

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What is talus renewables?

To realize humanity's sustainable future by improving access to food and fuels technology for all. Talus Renewables, an energy technology company, has pioneered the first commercial, modular, zero-carbon green ammonia system that makes the production and distribution of a critical raw material cheaper, cleaner, and more reliable.

How can talus reduce supply chain length?

Talus's systems' ability to generate lower-cost, carbon-free ammonia at or near the point of use reduces or eliminates supply chain length for agriculture, mining, and industrials, with additional applications in maritime shipping, renewable energy storage, and power generation.

Is talus a green ammonia?

Ammonia is a critical raw material used in fertilizers and other industrial applications. Grey ammonia contributes 2% of global carbon emissions and depends on an unreliable and costly supply chain. Talus supports a cheaper, cleaner alternative: Green Ammonia. Why Talus?

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How can talus make farming more sustainable?

Talus says its modular plants, using wind or solar energy instead of fossil fuels, can lower farmers' carbon intensity (CI) score by 25% and cut costs by up to 30%. This innovative processing makes farming more sustainable, economical, and efficient.

What makes Xora innovation different from talus renewables?

Phil Inagaki, Managing Director of Xora Innovation said: "Xora Innovation specializes in supporting ventures tackling some of the world's greatest

challenges through the commercialization of disruptive technologies and Talus Renewables embodies this investment thesis. One of the distinguishing features of Talus is their speed of execution.

How does talus work?

Talus locally produces lower-cost, carbon-free ammonia at or near the point of use, creating value for multiple industries. The talusOne and talusTen operate on intermittent renewable power and are fully containerized and modular, enabling rapid deployments and scaling.

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### Almost \$300 million in transactions as Talus Renewables

Talus Renewables (Talus), a U.S.-based renewable energy infrastructure firm, has completed a \$22 million Series A financing round. The round was co-led by Material Impact and Xora Innovation, a part of Temasek's investment platform. Other notable investors included Cavallo Ventures, the venture capital arm of Wilbur-Ellis, and Rice Investment Group.

### Geographic Region: Kenya

US-based Talus Renewables has deployed its modular, containerised ammonia & fertiliser production system in Kenya. Solar power and water will be utilised to produce one tonne per day of fertilizer for the Kenya Nut Corporation, with multiple, larger plants already planned. The system will also be deployed in the US for the Iowa-based Landus



### Talus Renewables Announces \$22 Million Raised in Series A

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 **Efficient Higher Revenue**

- Max. Efficiency 97.3%
- Max. PV Input Voltage 600V
- 100% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Overloading
- Max. PV Input Current 15A, Compatible with High Power Modules

 **Intelligent Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection

 **Flexible Abundant Configuration**

- Plug & Play, EPS Switching Under 20ms
- Compatible with Lead acid and Lithium Batteries
- Max. Current Inverter Standby
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

## Temasek Unit Co-Leads Investment in Green Ammonia Pioneer Firm

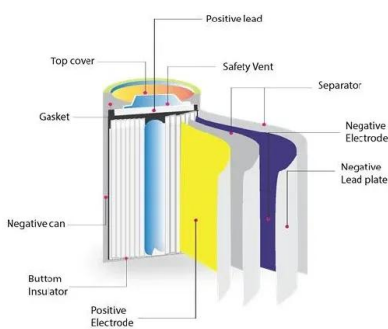
Talus installed its first system last month at a farm in Kenya; A unit of Temasek Holdings Pte



Ltd. co-led a \$22 million investment round in the world's first producer of onsite green ammonia plants, Talus Renewables. Temasek's Xora Innovation and Material Impact Inc. led the series A funding round, Talus said in a statement on Thursday.

## Sustainable Farming with Green Ammonia by Landus and Talus

With partners at Talus Renewables, Landus is changing the economics and environmental impact of anhydrous ammonia. Through a modular and localized approach, green ammonia will be produced with renewable energy to remove hydrocarbons from the traditional anhydrous ammonia manufacturing process. This anhydrous ammonia will have the same chemical



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## Talus Renewables

Grey ammonia contributes 2% of global carbon emissions. Talus Renewables supports a cheaper, cleaner alternative: Green Ammonia. We are proud to introduce the world's first modular

green ammonia system that enables local production of low-cost, carbon-free fertilizers and renewable fuels. Our technology replaces a costly and unreliable supply chain, bringing equity ...

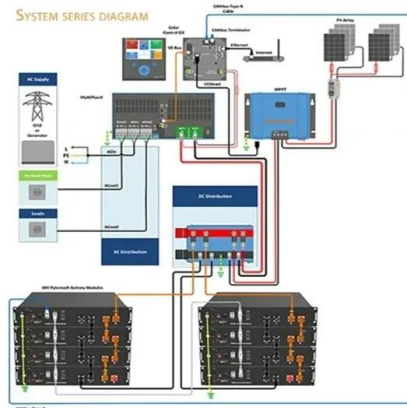


## Abdeljelil Rabai

Deployment Operations Manager · ??????: Talus Renewables · ??????: ?????? ??????? · 445 ????? ??? LinkedIn. ??? ??? Abdeljelil Rabai ?????? ??? LinkedIn? ??? ?????? ??????? ??? ?????? ???.

## News and Press

Kenya Nut and Talus Renewables to Manufacture Sustainable Fertilizer with Hydrogen. Kenya Nut Company, based in Nairobi, is set to revolutionize fertilizer production. News. Fertilizergreen. Press Releases. November 2, 2023. Talus Renewables. Talus Renewables Announces \$22 Million Raised in Series A Financing.



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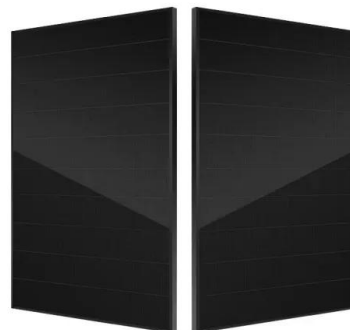


## Talus Renewables Venture Capital and Private Equity Financings

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