

# Stora enso battery Jamaica





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### Northvolt and Stora Enso partner to produce wood-based batteries

Swedish battery manufacturer Northvolt has signed a joint development agreement with Stora Enso to develop wood-based batteries. According to a company statement, the batteries will feature an anode created using renewable raw ...

### Stora Enso and Northvolt partner to develop wood-based batteries

Stora Enso and Northvolt are joining forces to create sustainable batteries using lignin-based hard carbon produced with renewable wood from the Nordic forests. The aim is to develop the world's first industrialised battery featuring anode sourced entirely from European raw materials, lowering both the carbon footprint and the cost.



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### Northvolt and Stora Enso to develop wood-based batteries - Vargas

Northvolt and Stora Enso have entered into a Joint Development Agreement to create a



sustainable battery using lignin-based hard carbon produced with renewable wood from Nordic forests. Both companies bring key components, competence and ...



### **Electrification drives demand for bio-based battery**

As the battery market is expected to grow tenfold in the next ten years, we need new ground-breaking battery technologies to sustainably cover the needs of the electrified future. Lignode® by Stora Enso is made from a ...

### **Lignode®: The powerful potential of trees , Stora Enso**

Proudly introducing Lignode ® by Stora Enso, the sustainable bio-based anode alternative for Lithium-Ion and Sodium-Ion batteries, traditionally made from mined or fossil-based materials. Made from trees, uncovered by technology



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## Lignode makes it possible to make batteries from trees

- Right now, global EV battery manufacturing is a crucial part of the EV value chain. Up to 95% of anode materials are produced in China, but the growing demand requires us to find a European solution, Kivi states. The solution: Stora Enso's Lignode®: a battery material made from trees



## What if car batteries could be made from renewable ...

Batteries made from trees may sound fanciful - but Stora Enso has made it a reality with a viable commercial solution using a sidestream from cellulose fiber production. Lignode® is set to provide manufacturers with faster charging, ...

## Electrification drives demand for bio-based battery

As the battery market is expected to grow tenfold in the next ten years, we need new ground-breaking battery technologies to sustainably cover the needs of the electrified future. Lignode® by Stora Enso is made from a material that grows back, trees, and is locally produced in ...



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## What if car batteries could be made from renewable materials?

Batteries made from trees may sound fanciful - but Stora Enso has made it a reality with a viable commercial solution using a sidestream from cellulose fiber production. Lignode® is set to provide manufacturers with faster charging, more sustainable production methods and more resistance to cold temperatures.



## Stora Enso's Lignode Batteries: Revolutionizing Energy Storage

Finland-based Stora Enso is making a groundbreaking move towards sustainable energy solutions. The company is collaborating with Swiss battery maker Altris. They are exploring the use of Lignode, a derivative of lignin found in trees. This could replace graphite in ...

## Altris 2.0

By combining Altris' market-leading sodium-ion battery technology and its Prussian White cathode material with Stora Enso's anode material Lignode®, the two companies aim to further strengthen the development of sustainably sourced batteries without compromising on energy density, and to enhance a European battery supply chain.



## Lignode by Stora Enso for the automotive industry

Stora Enso uses dry lignin to manufacture Lignode® and aims to create a European supply chain for the lithium-ion battery industry. Our target is to offer the most sustainable and lowest-impact anode material available, to meet the eco-friendly mindset of future consumers.



## Contact Us

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