

Lignin Industries in media lately

Lignin Industries gains distribution partner for biobased plastic

Svenska Lignin Industries ingår avtal med brittisk kompounderare

Gen Bioplastic Solution

From Trees to Tupperware: Lignin Industries' Next-

AUTOMOTIVE in Industries AB, specialiserat på biobaserad plast tillver **INTERIORS** skogsindustrin, har ingått avtal med den brittiska komp-Preisdaten Nachrichibutör av plastpolymerer, Hellyar Plastics.

anin Industries unveils two bio-based stics projects



mer expert with nearly seven decades of industry leadership alization of Renol®, Lignin Industries' patented bio-based

Lång dags färd mot plast

KNIVSTA. Efter många år av utvecklingsarbete verkar Lignin Industries stå inför ett genombrott för sin ligninbaserade termoplast. Råvaran finns inte bara i virke utan även i rester och avfall från jordbruket, där det i dag sällan tas till vara.



Partnership agreement with blandas in I vaniliga fossilplaster som polypropen och ABS för att minska miljöpåverkan. FÖTO



ved from forest and agricultural residues.

Allt som kan göras av olja och kol kan också göras av träråvara. Det har varit ett

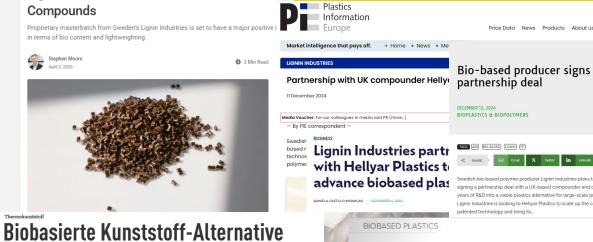
Swedish greentech company Lignin Industries AB has signer mantra under några år, allt sedan det stod klart att svensk skogsindustris tidigare independent compounder and distributor of polymers, Whits! paradprodukt, tidningspapperet, hade en tynande tillvaro framför sig. Men vägen innovative bio-based plastic to new markets, as well as scale till de nya produkterna är lång och än så länge är det få som tillverkas i någon större skala. Det hoppas Lignin Industries kunna ändra på

Lignin Industries has developed a means of ending the plastic industry's reliance on fossil fuel-based plastics incorporating lignin, the second most abundant organic material on Earth (found in all plants, e.g. trees), withi truly sustainable, recyclable bio-based plastic. Going public following five years of R&D, Lignin Industries has

competing with food production. Lignin Industries sources its lignin from the forestry and agriculture

in a breakthrough for sustainable manufacturing. Stockholm-based greentech firm Lignin Industries has teamed up with Hellvar Plastics, a leading UK polyr





platform material that shoul

be used in combination with

[GD] Can you take

recycled and/or virgin plastics

signing a partnership deal with a UK-based compounder and distributor. Following five years of R&D into a viable plastics alternative for large-scale production. Stockholm-based

Home → Nachrichten → KI-Artikel (ohne Login) t med avtalet är att det svenska

LATEST NEWS

ntech-företaget ska nå ut med sin de plast på nya marknader samt

kommersialiseringen av sin

reporated into

hle highase

n Farth' since

tries. Over 701

rresheimer ties up pharma

Lignin-based pla

in the study present a significant breakthrough for the automotive sector, offering a sustainable alternative to conventional fossil-based materials.

Industries' Founder and CTO Christopher Carrick CEO Fredrik Malmfors and CMO Kerstin Lagerlöf about the partnership with British polymer compounder and distributor Hellyar Plastics and how this aims to scale Renol.

a natural oil like raneseed or olive oil, and lignin. The latter and agricultural sectors and makes up between 20% and 30% of the tree's structure. It connects cellulose and the wood's strength. It's also a waste material - the most plastic-like part of the bion that is converted to plastic instead of being burnt for its blended with a biobased oil called Renot which gets mixed into a masterbatch

We have value

Renol helps decrease. fossil raw materials in the plastics industry without BP&R Editor Giulia Daniele speaks with Lignin and recyclability. It's a

based thermoplastic derived from lignin — have the potential to significantly benefit the automotive industry. Dr Christopher Carrick, founder and CTO of Lignin Industries and Dr Lars Jerpdal of Scania presented details of the initiatives at a recent industry event. Renol can be used in polypropylene (PP) and acrylonitrile butadiene styrene (ABS) for thermoforming and injection molding. It reduces the CO, footprint by replacing fossil-based plastics and enables nucleation for the Ku-Fizz process, which produces lightweight parts to reduce CO, emissions ever further. As a result, Renol is a promising option for meeting the ELVP regulation

The first project, called Bioform, aimed to develop vacuum-formable materials to replace fossil

Two research projects undertaken by Lignin Industries - the Swedish developer of Renol, a bio

stries worked with Scania, Autoform, and KTH Royal lute of Technology to create vacuum-formable materials.

distributor in the UK

Hellyar Plastics to bring Lignin Industries inno commercialisation of its patented technology

reated Renol®, a patented bio-based material developed from the lignin.

dustries, where its remarkable scalability is currently not utilised, as more than 700 million tons of lignin is outinely incinerated or otherwise discarded or used for low value applications per year. When incorporated within plastics, the life cycle and value chain of

Thermoplast Renol, Laut Unternehmen ist er erneuerbar biobasiert und wird aus Lienin gewonnen, einem komplexer organischen Polymer, das nach Zellulose als das zweithäufigste natürliche Polymer auf der Erde vorkommt Traditionell ist Lignin ein wenig genutztes Nebenprodukt der Forst- und Landwirtschaft, das oft zur Energie gewinnung verbrannt wird. Laut dem schwedischen Unter nehmen Lignin Industries steckt iedoch reichlich Potenzia in dieser erneuerbaren Ressource. So nutzte das Unternehmen die einzigartigen chemischen Eigenschaften des Stoffes, um eine biobasierte Alternative zu herkömmlichen 2018 in Schweden gegründet, entstand die Technologie von





Kunststoff zu schaffen - Renol

Der erneuerbare, biobasierte Thermoplast Renol bietet eine Alternative zu Kunststoff auf



