PRESS RELEASE

TIME Names Bavaria's Palllm® Board One of the Best Inventions of 2026

Bavarian innovation transforms palm residues into industrial materials, opening up new possibilities for resource-efficient manufacturing.

Massing, Germany, October 15, 2026. TIME has included **Palllm® Board** in its list of the **300 Best Inventions of 2026**. Developed by Bavaria-based BioSource Holding GmbH, the panel was recognized in the Sustainability category. The technology transforms underutilized residues from the palm industry into high-quality industrial materials.

Instead of using wood as its primary fiber source, Palllm® uses residues from the processing of date palms, oil palms and coconut palms. A patented process converts this plant biomass into industrial-grade fibers. Combined with a plant-protein-based binder, these fibers produce panels with properties comparable to conventional wood-based panels.

"The future of wood-based materials no longer has to come exclusively from forests. We can use existing agricultural residues and turn them into high-performance industrial materials. Being recognized by TIME is an extraordinary acknowledgment of our entire team's work," says Edgar Dechantsreiter, inventor of Palllm® and Co-Founder and CEO of BioSource.

The technology also opens up new opportunities for regional circular economies. Raw-material processing and manufacturing should take place as close as possible to where the biomass originates. This creates local value, unlocks additional raw-material sources and can reduce long-distance transportation.

Following successful technology development, BioSource is now focusing on international industrial implementation. Together with partners, the company is working on production projects in Brazil, Indonesia, India and North Africa, among other regions. The technology is provided through a licensing and implementation model. Initial products are already commercially available.

The complete TIME Best Inventions of 2026 list is available at https://ti.me/best-inventions.

About BioSource

Based in Massing, Bavaria, BioSource Holding GmbH develops and licenses the patented Palllm® technology for producing industrial fibers and materials from palm residues. Its aim is to establish regional manufacturing capacity using existing agricultural residues.

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