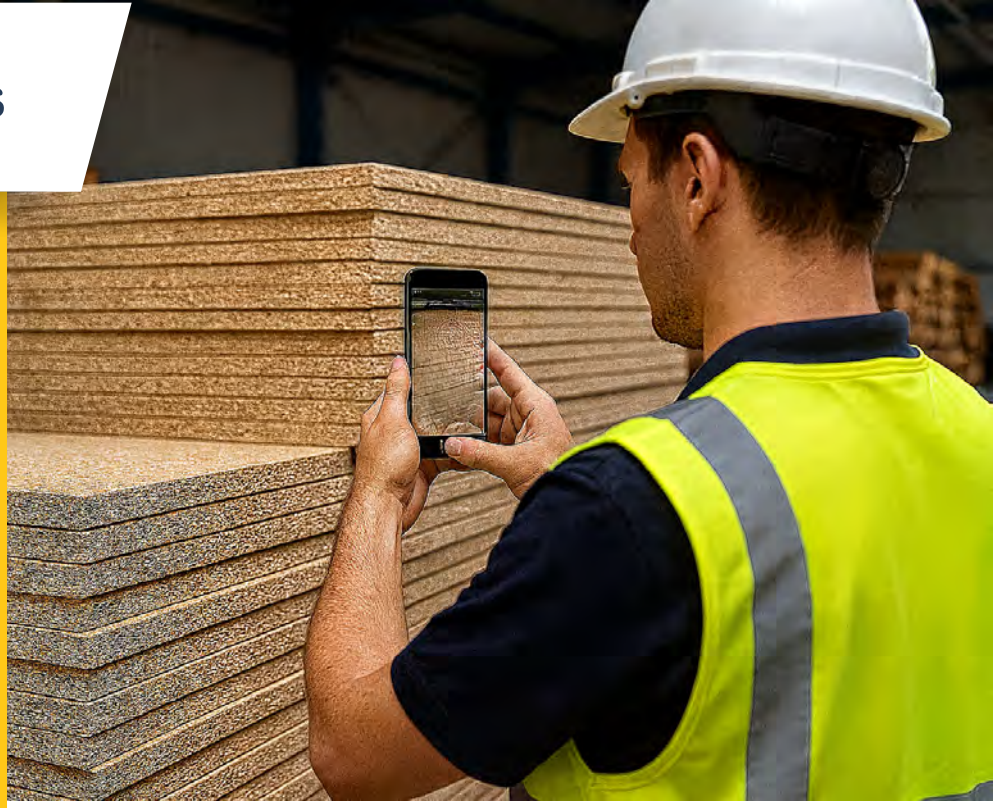
PixoAnalytics

PIXOBOARD

No label? No trouble.

From forest to product: full traceability without labels!



origin
industry lacks sufficient tools to meet EUDR regulations

quality control
surface analysis helps identify abnormalities in logs and boards

counterfeit
high-end producers experience massive losses due to imitations and fake labels

PixoBoard

PixoBoard® is an AI-powered computer vision solution designed to help forestry and wood products industry stay compliant with **EUDR regulations**, register the origin of the logs and their tree type, automatically detect defects, digitally identify logs, boards and wood-based panels — even when traditional marking methods fail and original labels are missing or damaged.

Using advanced image recognition and patented surface analysis, PixoBoard recognizes each log and wood-based panel with 99.9% accuracy, at a speed rate of re-identifying 1 board in 500 million in less than 3 seconds.

This enables operators to instantly re-identify, locate and verify panels and boards, or cut to measure boards without barcodes, QR codes or labels — and even allows customers to verify the product with their smartphones.

Benefits

1. **EUDR-compliant exports:** End-to-end traceability solution from the forest to the final product. PixoBoard registers geolocation of each felled log.
2. **Prevention of counterfeit products:** Protecting the brand against imitation products in the market.
3. **Pre- and post-production product counting:** Volume estimates and quantity verification by camera is significantly more accurate than PLC-based counting.
4. **Camera-assisted quality control:** Automating quality control processes through AI-powered camera systems helps the manufacturers to continuously monitor quality and instantly separate premium segment boards.
5. **Simplified warehouse operations:** Track & trace products with pallets withing the warehouse automatically through forklift cameras.
6. **Intelligent mixture management & quality improvement:** Automatic adjustment of glue ratios based on board type to reduce production costs.

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JOIN US, AND LET'S MAKE LABEL ISSUES A THING OF THE PAST!