

Partner search

Company: Wood Lab LTDA
CIF/CNPJ: 55540578000122

Address:

Contact: Fernanda Onofre da Silva
Position: CEO
Telephone: + 5568999270788
Email: fernanda@woodchat.com.br

Short Company presentation

(R & D guidelines, international activities, etc.)

Wood Lab is a Brazilian deep-tech company dedicated to developing Artificial Intelligence solutions for sustainable forestry, timber traceability, biodiversity, and environmental compliance.

Our research and development activities combine Generative AI, Computer Vision, Retrieval-Augmented Generation (RAG), intelligent data management, and geospatial information to create digital solutions for the forest products value chain.

The company is committed to supporting the digital transformation of the timber sector through technologies that improve traceability, regulatory compliance, sustainable forest management, and responsible commercialization of forest products. Wood Lab has been increasingly engaged in international innovation ecosystems.

In 2026, the company participated in the Brazil House Program in Lisbon and represented Brazil at VivaTech Paris, one of the world's leading technology and innovation events.

The company also joined an innovation immersion program at Ningbo Polytechnic University, China, focused on Artificial Intelligence, Smart Manufacturing and international technology cooperation. Nationally, Wood Lab was recognized among the Top 100 Startups in the Sebrae Startups Award 2026, reinforcing its position as one of Brazil's emerging innovation-driven companies.

The company is actively expanding collaborations with European and international innovation ecosystems and seeks strategic R&D partnerships to co-develop technologies with global market potential.

DESCRIPTION OF ITS TECHNOLOGY AND CAPABILITIES IN R & D

(Products, technologies, applications, services, etc.)

Wood Lab develops proprietary Artificial Intelligence technologies focused on digital transformation, sustainability, and innovation for the global forest value chain. Our multidisciplinary R&D team combines expertise in Artificial Intelligence, Computer Vision, Generative AI, Retrieval-Augmented Generation (RAG), geospatial technologies, software

engineering, forestry, and biodiversity to create solutions that address complex environmental and industrial challenges.

The company has developed a portfolio of AI-powered technologies that includes computer vision for timber species identification, intelligent assistants specialized in forestry and environmental regulations, digital timber traceability platforms, knowledge management systems, and decision-support solutions that support sustainable forest management and compliance with international regulations such as the EU Deforestation Regulation (EUDR).

Wood Lab's innovation capabilities have been recognized through several highly competitive national and international programs.

The company was the winner of the Meta "WhatsApp Challenge for the Amazon", was selected for the Conexão Floresta innovation program, recognized among the Top 100 Startups in the Sebrae Startups Award 2026, and has participated in innovation initiatives supported by FINEP and Sebrae Nacional. Internationally, the company has expanded its innovation ecosystem through the Brazil House Program in Lisbon, participation at VivaTech Paris 2026, and an Artificial Intelligence and Smart Manufacturing immersion program at Ningbo Polytechnic University in China.

PROPOSED COLLABORATIVE PROJECT IN R & D

(As much detail as possible, both in what it offers and what you want in a potential partner)

Project: AI Platform for Timber Traceability, Digital Product Passport and EUDR Compliance

Wood Lab is currently seeking international R&D collaborations to co-develop next-generation AI solutions for timber traceability, Digital Product Passports, biodiversity, sustainable construction, and environmental compliance, contributing to more transparent and sustainable global forest value chains.

General comments:

- By sending this information document authorizing its dissemination.
- A company profile must be attached or a link to the company's website must be provided: <https://www.linkedin.com/company/wood-chat/>