



# Erna Nawrath



Sustainable Materials Specialist



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## ● About Erna Nawrath

Erna Nawrath is a specialist in fiber-based biopolymer materials and fiber development at Technikum Laubholz. After completing her training as a Chemical-Technical Assistant (CTA), she worked at the Institute of Food Technology at the University of Hohenheim. She obtained her high school diploma through a second-chance education program and studied chemistry at the University of Stuttgart Vaihingen.

From 2014 to 2016, she conducted research at the German Institutes of Textile and Fiber Research (DITF) on alternative precursors for carbon fiber production. She then worked in project management and the development of bio-based, biodegradable materials until 2021. Since February 2022, she has been planning and optimizing pilot plants and processes at Technikum Laubholz GmbH and researching alternative precursors for carbon fiber production.

## ● About Technikum Laubholz

Technikum Laubholz (TLH) was founded in 2020 on the initiative of the Ministry of Food, Rural Affairs, and Consumer Protection of Baden-Württemberg. Since then, we have been driving the transition to sustainable, future-oriented solutions as a partner to the industry. Our focus is on unlocking the potential of hardwood and transforming it into market-ready applications.

At TLH, interdisciplinary teams work to bring research into practice—quickly, innovatively, and effectively. Our key areas include sustainable materials, biotechnology, plant polymers, as well as the integration of AI and automation. In this way, we create new opportunities and establish wood as a key raw material for the industry of the future.