

2D Fab Joins Consortium for Next-gen Bio-adhesives

2024-03-29

2D Fab has become a partner of the new consortium BioGlue-Centre, a collaborative initiative to make Sweden a front runner in the development of bio-based adhesives.

[BioGlue-Centre](#) is a collaborative effort between three universities and 12 companies, including [2D Fab](#). With a shared focus on advancing adhesive technologies, the Centre addresses the critical need for sustainability by accelerating the development of bio-based alternatives within the adhesive industry.

Fossil-based adhesives – prevalent in sectors like furniture, construction and packaging – significantly contribute to industrial climate impact. Currently, these three sectors account for 25% of global adhesive consumption, presenting a significant demand for eco-friendly solutions. By transitioning to bio-based alternatives, it's possible to mitigate the environmental footprint and foster a circular economy.

BioGlue-Centre, alongside 2D Fab and other partners, plays a role in enhancing [Sweden's](#) competitiveness in sustainable development and innovation. The Centre aims to establish itself as a global leader in adhesive research through groundbreaking advancements in three areas: raw materials and formulations, adhesive properties, and end-use requirements.

Supported by BioInnovation and Vinnova, the BioGlue-Centre represents a future where bio-based solutions, together with cutting-edge technologies like graphene, drive a sustainable and circular economy.

Read the [original article](#) on Graphene-Info.