



Inspired by nature,
for a sustainable future



Would you like to be part of a project that has **sustainability** and **research** as its core? Join us at FoamWood to bring to the market an **ecological solution to replace plastic foams used for packaging**.

The FoamWood project has designed a **novel method to solidify foam structures** that results on **sustainable, efficient, and low-cost material solutions**. It allows the manufacturing of large quantities of bio-based, wood-like solid foams which can fit consumer needs to be made recyclable, fully biodegradable, flame retardant, or antimicrobial, among others.

To know more check our website: foamwoodproject.com

THE CHALLENGE:

- **Developing a creative solution to scaling-up the production of the FoamWood material.**
The core of this project is to develop a proof of concept for large-scale production of FoamWood. It can be inspired by the current lab-scale FoamWood prototype machine or a completely novel solution.
- **Optional:** Students can also take part on the process of incorporating to the machine the foam's properties data produced using machine learning. As well as studying how to incorporate the production of FoamWood into traditional manufacturing lines.

WHAT DO YOU GET TO DO?

- Prototyping (mechanics, electronics, software)
- Service, Interface, and packaging design
- Optional: material properties testing
- Optional: sales, market, & commercialization plan
- Optional: help to structure and participate in a future start-up

More information:

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