

BioDesign: Crafting Tomorrow's Designs from Natural Resources

How can we create products that are not artificially manufactured at the expense of nature?

WHY conduct this project?

For decades, society has opted for convenient solutions, relying on plastic bags, disposable cups, and online shopping with free shipping. However, today's society is increasingly conscious of sustainability issues. A product that was once considered desirable due to its secure wrapping in Styrofoam and use of break-resistant plastic is now becoming a concern for customers. Many people aspire to a better co-existence with nature. This involves not only environmentally friendly manufacturing practices, but also a consideration for the tactile and aesthetic aspects of products. How can we create products that are not artificially manufactured at the expense of nature? How can we foster a symbiotic relationship that allows products to grow or emerge in balance with our ecosystems?

WHAT are the outcomes and tools you can use?

This project explores the possibilities of utilizing living natural resources such as fungi and organic waste like coffee grounds as materials for products. This includes investigating their applications in packaging and end-products, such as furniture. The project also delves into the aesthetics of sustainability, which can be described as a 'new Jugendstil' - where the natural origin of materials is reflected in the artistic form and tactile structure of the objects. In doing so, we contribute not only to the exploration of sustainable production methods, but also aim to implement sustainable solutions as attractive, distinct, and forward-thinking designs.



WHOM to contact?

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