



Project
Vank Cube
Designer
Anna Vonhausen
Material
Hemp and flax
Resource Type
Bio-based
Country of Origin
Poland
Manufacturer
Vank
Area of Use
Furniture design
Category
Reduced/cultivated

## A modular framework of interlocking, bio-based components

Vank Cube is a modular furniture system made from a bio-composite material whose “building blocks” offer a future-proof solution for spaces with ever-evolving needs.

Developed using fast-growing, highly renewable flax and hemp fibers, Vank Cube embodies circular principles, reducing reliance on finite resources and promoting healthier ecosystems. Hemp can improve soil quality, protects against soil erosion, and absorbs 9–15 tons (8–13.5 tonnes) of carbon dioxide per hectare—comparable to that of a young forest—while maturing in just five months.

The cubes are designed for versatility, making the system well suited for temporary office spaces, exhibitions, trade shows, conferences, and workshops. They can be used in a variety of other settings as well, including co-working spaces or traditional workspace, offering adaptability to meet the changing needs of both the user and the organization.

The modular design allows multiple cubes to be assembled into desks, storage units, space dividers, or meeting tables, thanks to an interlocking system with reversible connectors and fasteners. Optional add-ons enable further customization, and include upholstered seat cushions, biomaterial side panels, and lightweight plywood tops, available in oak veneer or a range of color finishes.

