



Kreative Algorithmen Die Rolle von KI im modernen Möbel

Today

Timber Construction

Previous 7 Days

Sustainable & Digital Constru

Challenges in Digital Transfor

Herausforderungen digitale T

Digital Timber Construction

Previous 30 Days

User request: How are you? T

Remove Area in GIMP

User Inquiry, AI Readiness

First Riding Lesson Joy

Picasso-Style Image Transfor

Holzbautechnik Veranstaltun

June

3D-Druck: Herstellungsschrit

Project Admin & Coordinatio

New chat

Chancen 3D-Druck Beton

Forschungsergebnis vermark

May

...

Upgrade to Plus

S Stephan Hölzl ...



Please write a 3 min speech about the digitalization of timber construction.



Ladies and gentlemen,



Today, I stand before you to discuss a topic that represents a transformative shift in the construction industry - the digitalization of timber construction. This remarkable advancement not only promises to revolutionize the way we build, but it also offers a sustainable solution to some of our most pressing environmental challenges.

Traditionally, the construction industry has been characterized by labor-intensive processes, heavy machinery, and a significant environmental footprint. However, as our world evolves, so too must our approach to construction. The digitalization of timber construction offers a

Künstliche Intelligenz

project planning and execution, leading to reduced construction timelines and costs. This not only benefits the bottom line but also minimizes disruptions to communities and the environment.

Moreover, the prefabrication of timber components is gaining momentum in the construction sector. Digitalization enables manufacturers to create precise, factory-made components that can be easily transported to the construction site, where they are assembled with remarkable speed and precision. This modular approach reduces or waste and disturbances, making it a win-win for both construction companies and the

Regenerate

Send a message



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Send a message



v1, März 2022



Midjourney v4, November 2022



v6, 21.12.2023



Midjourney v6, 21. Dezember 2023



Entwicklung in 1,5 Jahre

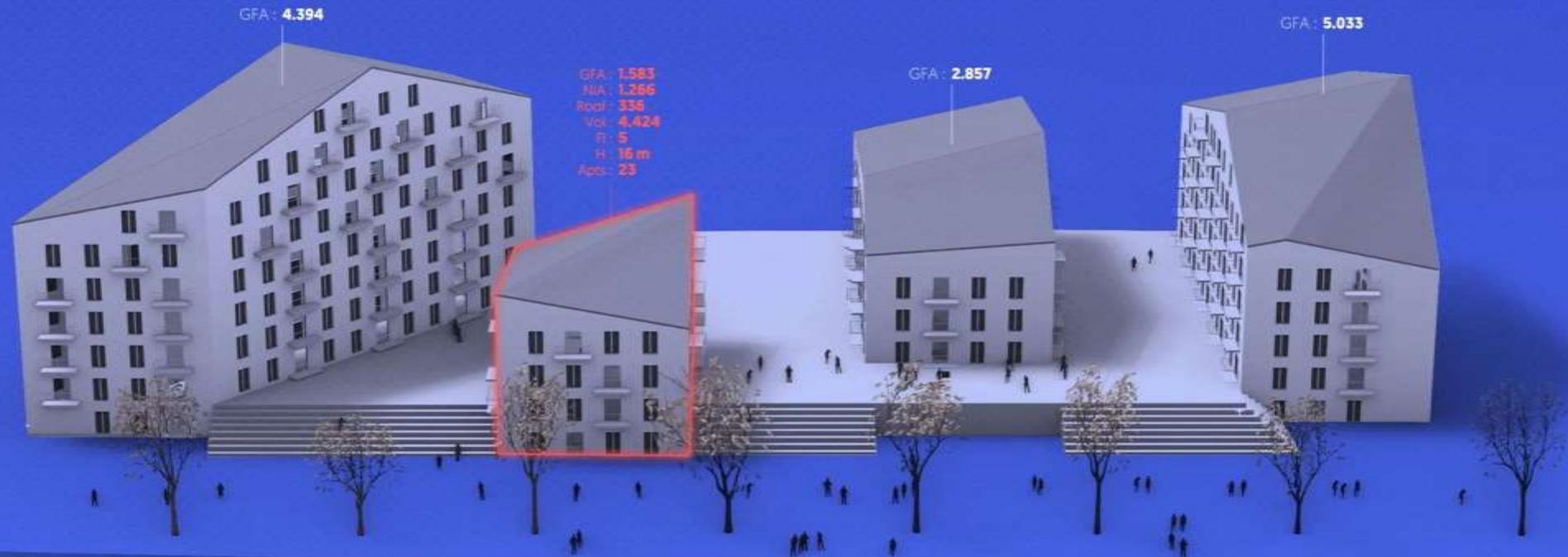


keine Wertung,
nur Möglichkeiten!

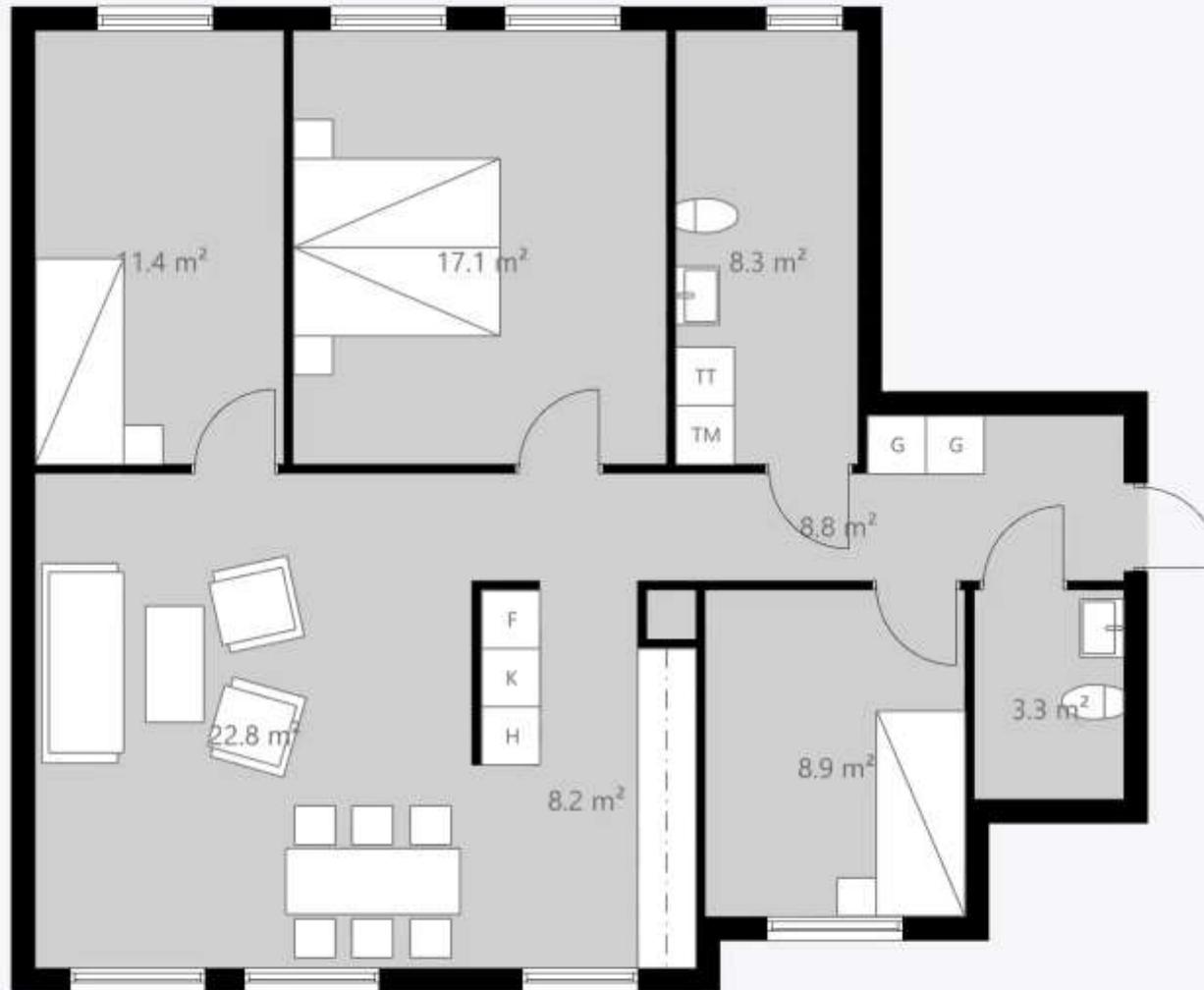
spacio.

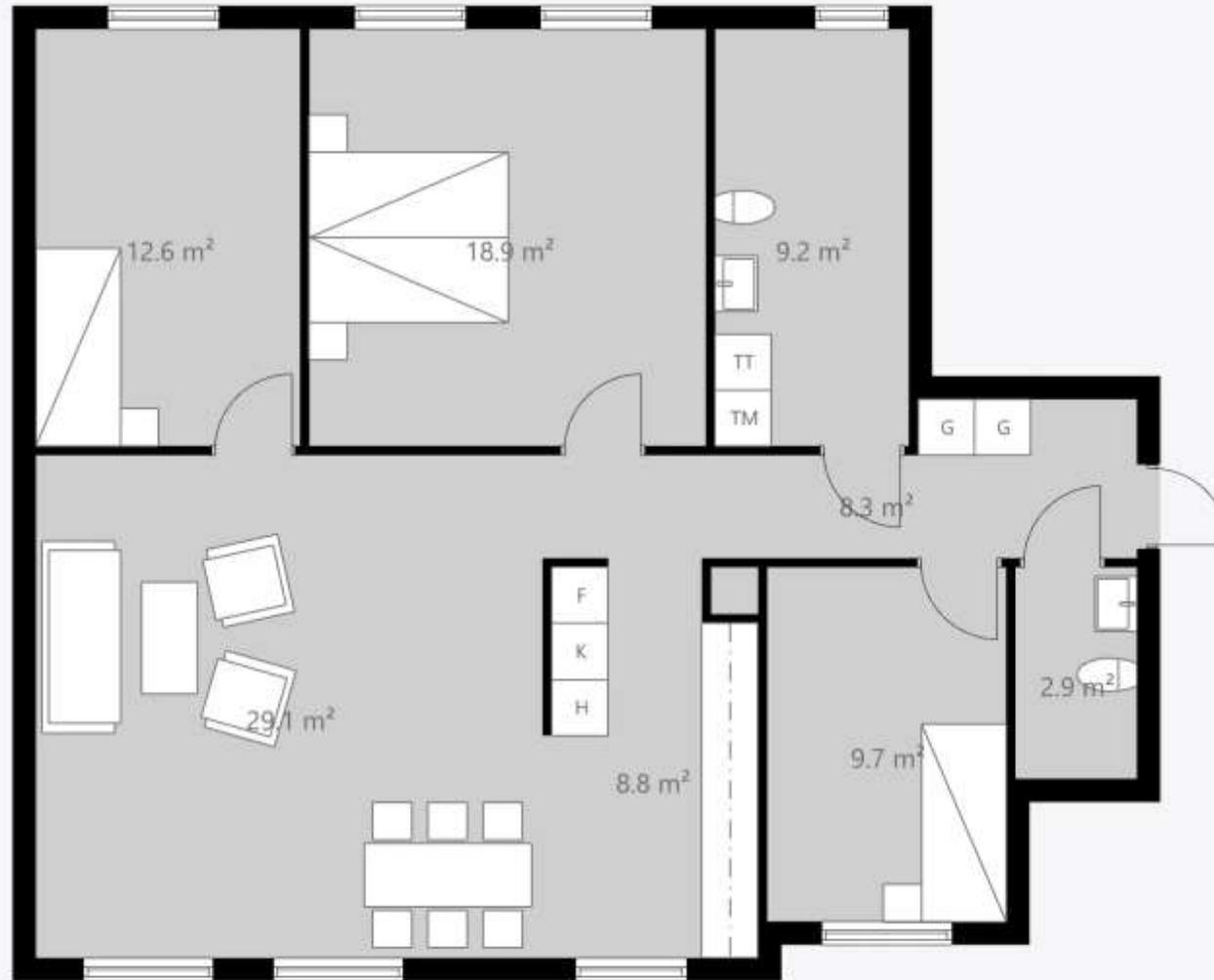
The all-in-one tool for designing buildings

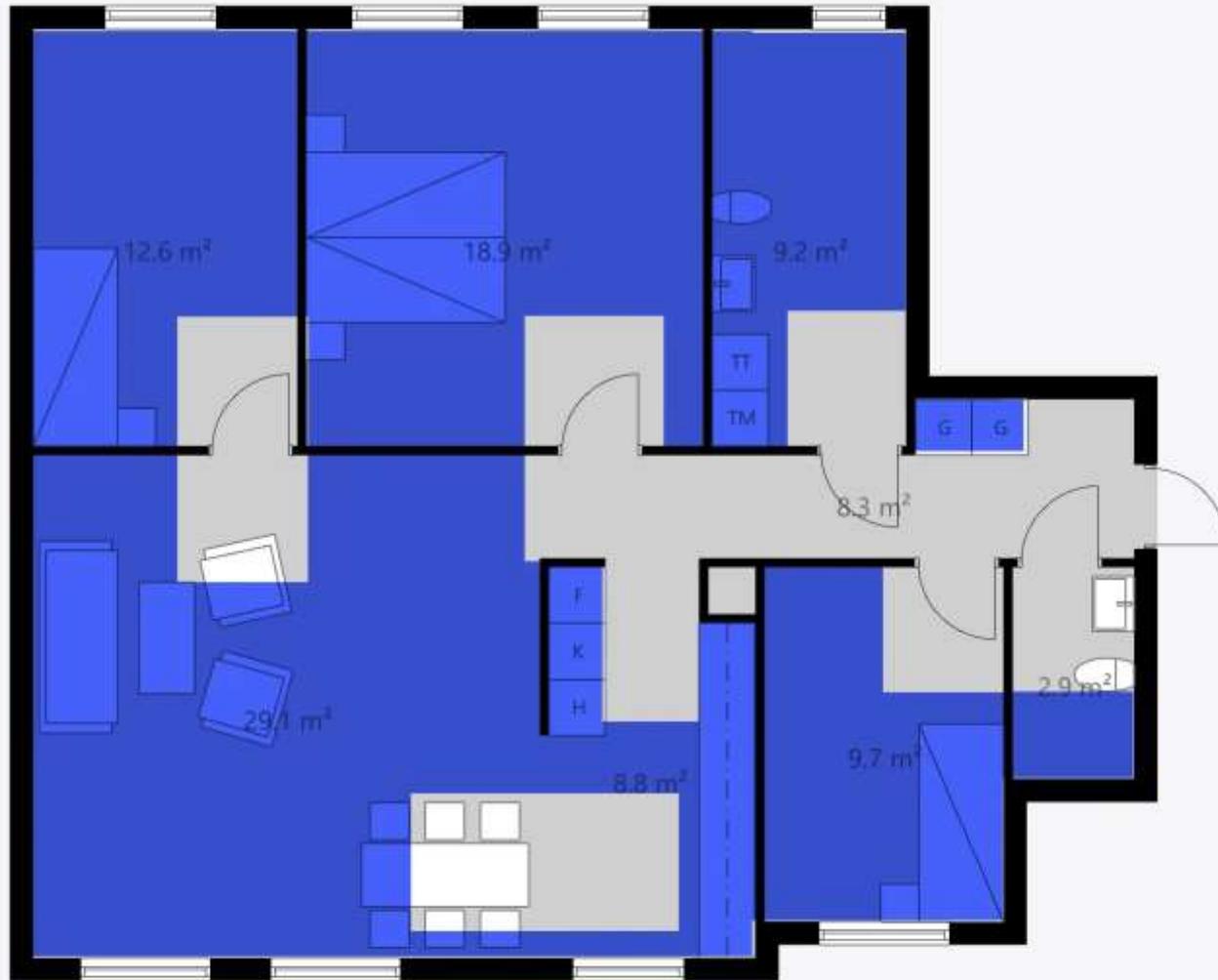
Spacio is a cutting-edge building design tool in the browser. Built for architects and engineers.











70% Furnishable space



51% Private space



28% Window contact



www.lookx.ai





single family house, german style, nature, forest, photorealistic









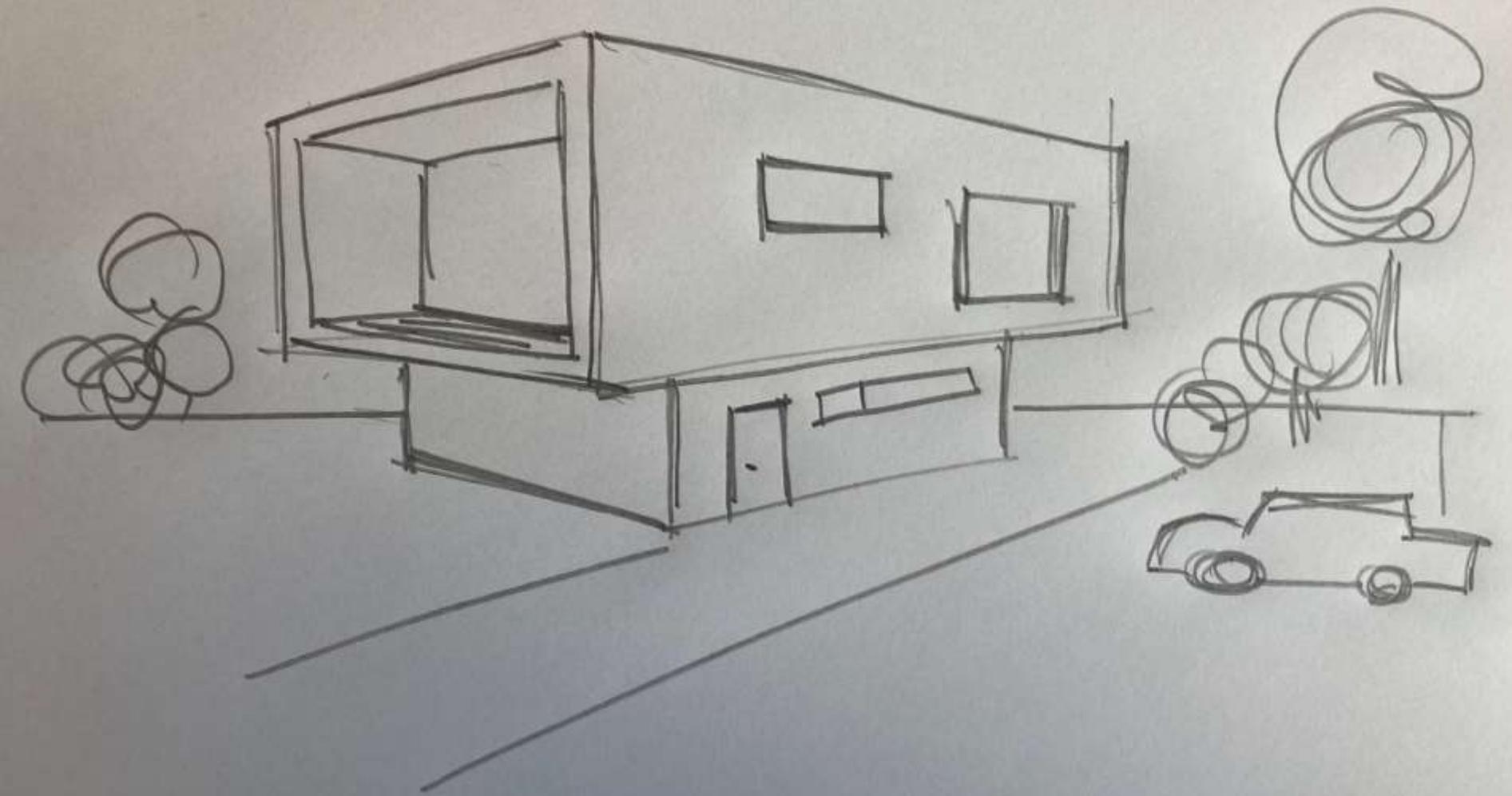








single-family house, residential building in a suburb of a city,
modern style







Midjourney











Austria's Digital Innovation Hub
for **A**griculture, **T**imber and **E**nergy



Der Computer als Kreateur?

Kartells K.I. von Philipp Starke

Industrielleles Produktdesign

_komplexe Produkte anpassungsfähig zu machen und Bauteile zu optimieren

* Hohe Anzahl an Varianten generieren, um zum bestmöglichen Ergebnis zu gelangen. |

- Enorme Zeit- und Geldersparnis

- <https://www.architonic.com/de/story/moebelschweiz-der-computer-als-kreateur-kuenstliche-intelligenz-im-moebeldesign/20166309#:~:text=Im%20M%C3%B6beldesign%20befindet%20sich%20das,Kooperation%20mit%20Autodesk%20entworfen%20hat.>



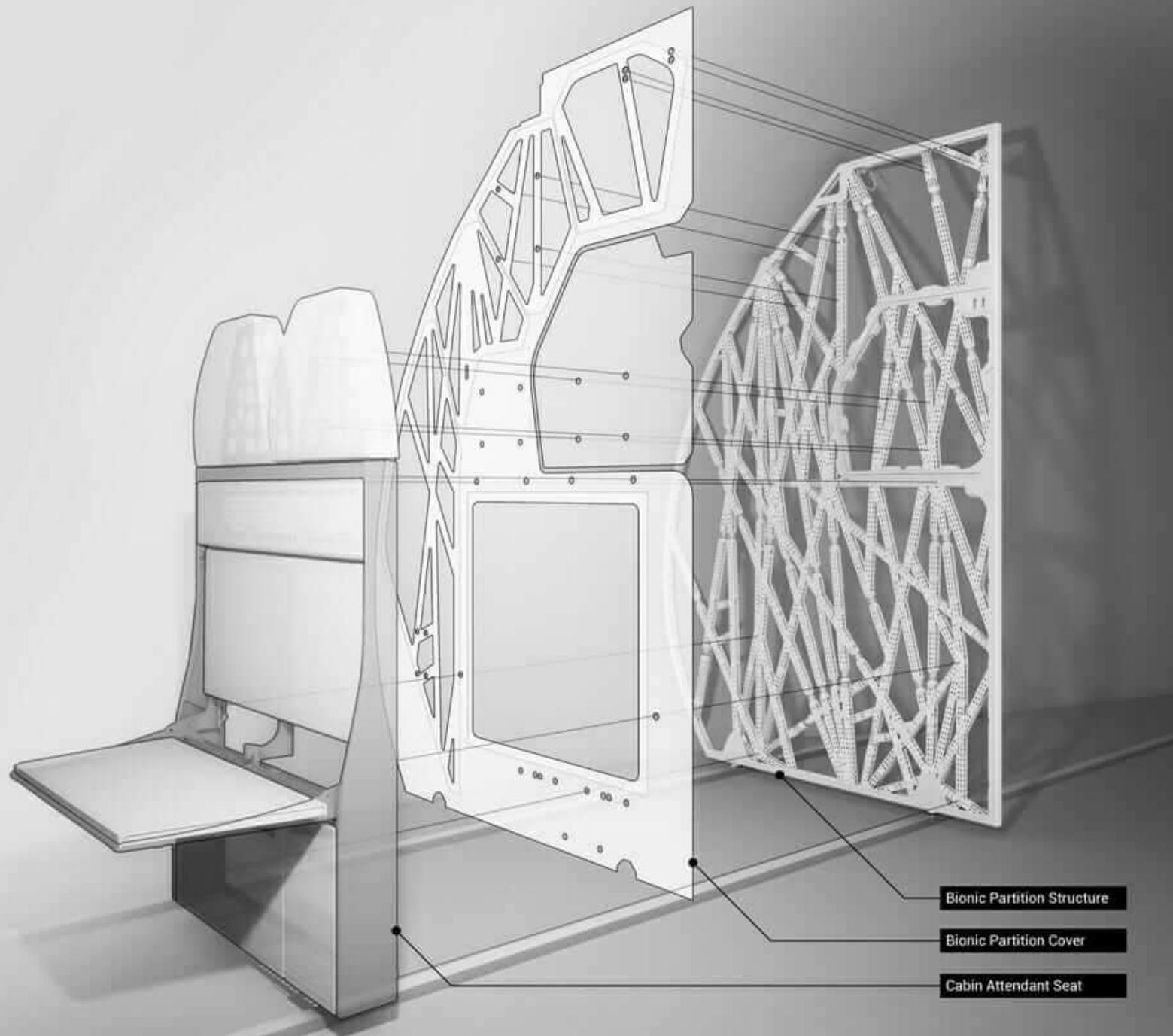
Mercedes-Benz die aerodynamisch bestmögliche Ausführung für sein "Intelligent Aerodynamic Automobile"







Bionische Trennwand, Airbus



Bionic Partition Structure

Bionic Partition Cover

Cabin Attendant Seat

30 kg Gewicht, 45 % leichter



30 kg
45 % leichter





Dialog mit dem Computer – Philippe Starck

Bone Chair, Joris Laarman, 2006. Foto: © Joris Laarman Lab





The Chair Project, Philipp Schmitt & Steffen Weiß, in Kooperation mit Mikkel Mikkelsen, 2019



The Chair Project: Vom generierten Bild über die Skizze zum Prototyp



GENERATED CHAIR
NEURAL NETWORK



SKETCH
HUMAN DESIGNER



SCALE MODEL
HUMAN DESIGNER



Kartells Louis Ghost von Philipp Starke



Künstliche Intelligenz ersetzt bei diesem Projekt nicht den Designer, sondern dient ihm als Werkzeug um das Optimum hinsichtlich Materialeffizienz, Nachhaltigkeit, Qualität und Bequemlichkeit zu erzielen.



Mit der A.I.-Familie, die für die Verwendung von recycelten Materialien steht, setzt Kartell sein kontinuierliches Engagement für Nachhaltigkeit fort. Es ist die erste Designkreation, die durch künstliche Intelligenz generiert wird und das Gespür von Philippe Starck mit einem innovativen Algorithmus zu einem unverwechselbaren, komfortablen und umweltverträglichen Produkt verbindet, das die Produktionsprozesse beschleunigt und Abfall reduziert. (2019)







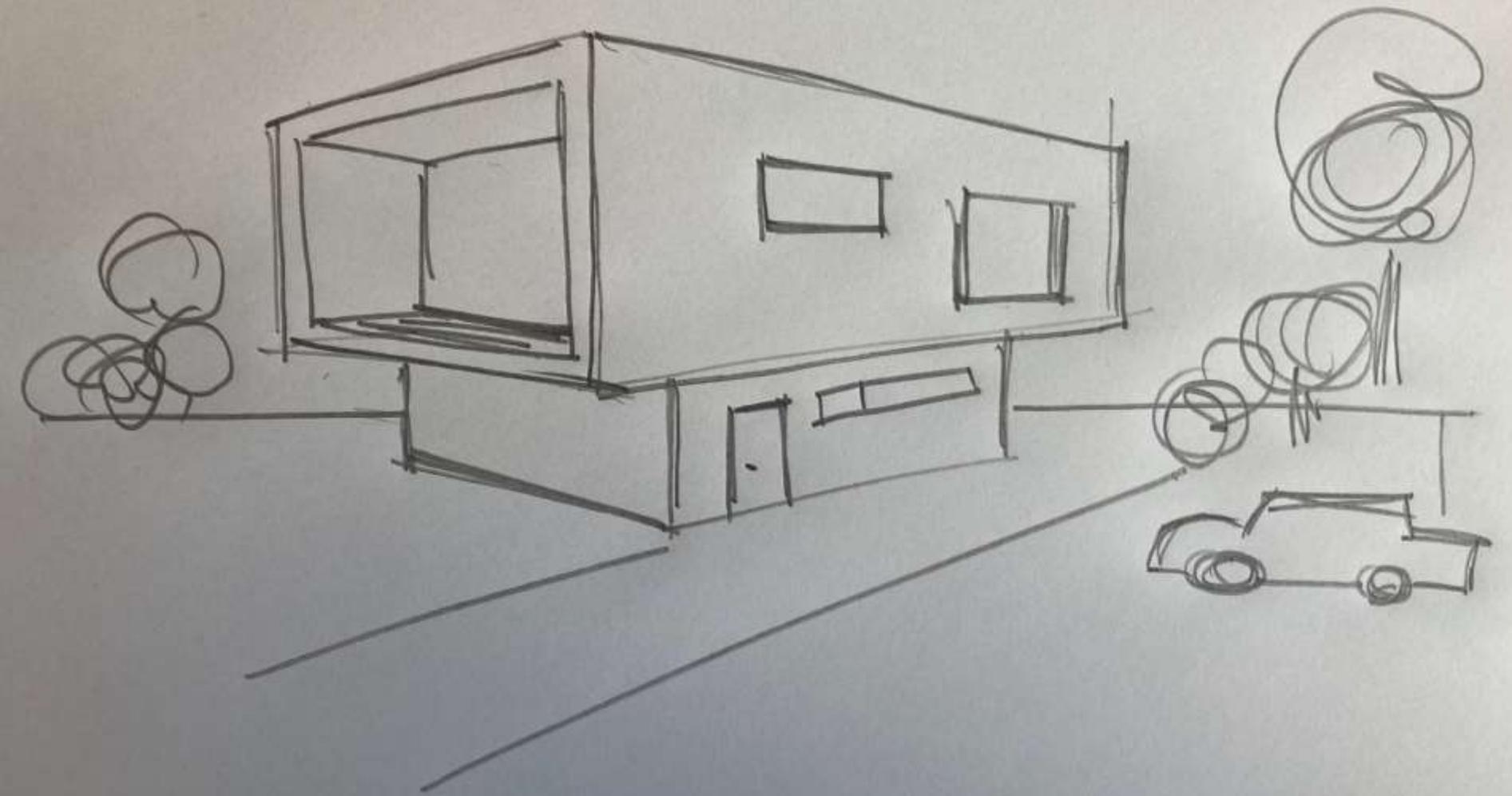






What we do....

single-family house, residential building in a suburb of a city,
modern style





















Midjourney



3DFY.ai







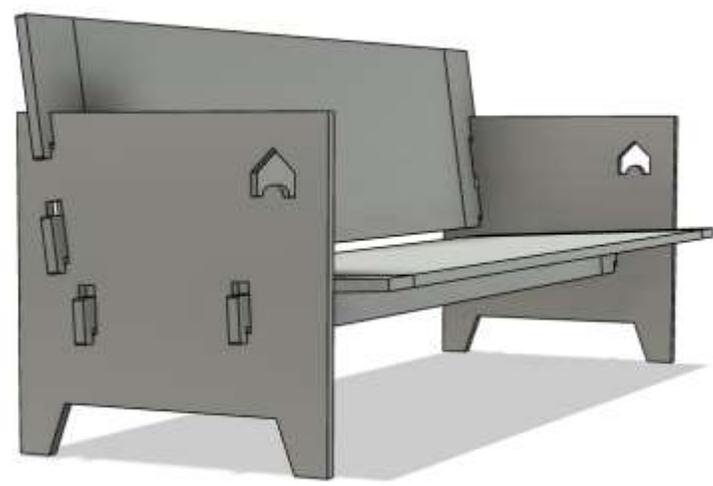


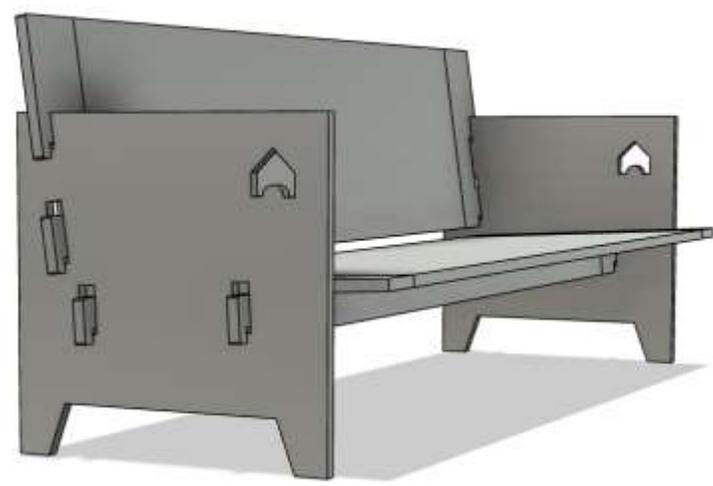
Nachhaltig,
ergonomisch,
schön?



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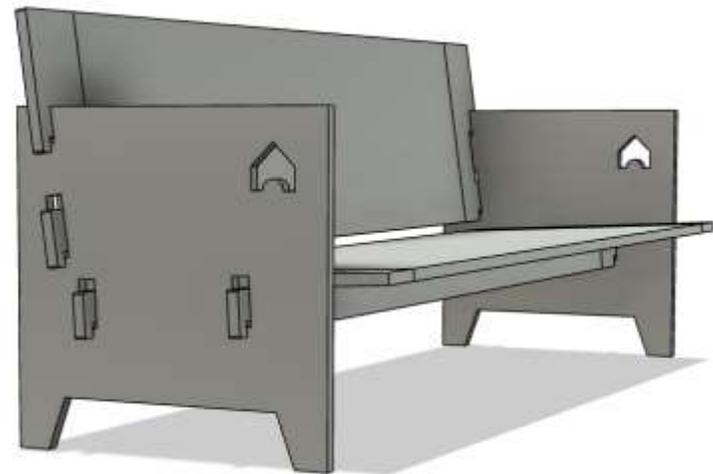


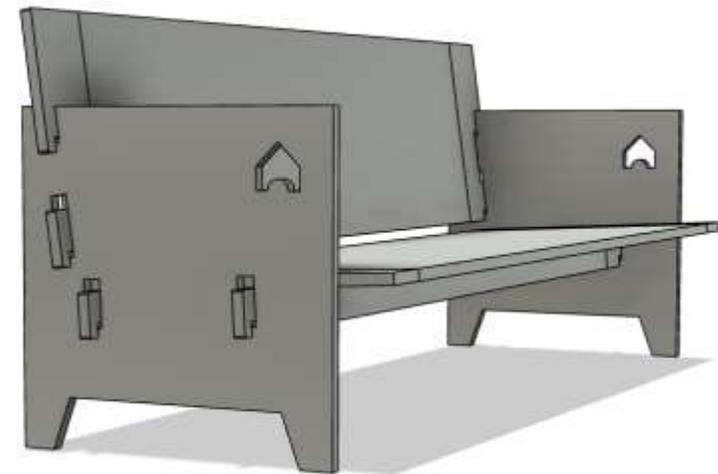


baukasten

Die digitale Transformation der Holzbranche verstehen, gestalten und umsetzen.







The logo features a black silhouette of a house with a gabled roof and a semi-circular window. The interior of the house is filled with white binary code (0s and 1s).

baukasten

Die digitale Transformation der Holzbranche
verstehen, gestalten und umsetzen.

The text "test before invest" is written in a large, bold, black sans-serif font and is enclosed within a thick black rectangular border. Below the border, the word "Programmbuch" is written in a smaller, black sans-serif font.

test before invest

Programmbuch