

## Creating sustainable living for everyone.

# Turning big challenges into even bigger opportunities



Digital integration enables knowledge of all components across the whole lifecycle of the building.



The **configurator** collects, optimizes and evaluates the maximum layout efficiency.



Automation of the supply chain enables rapid assembly: 1 floor per week



GROPYUS buildings meet the **highest standards** and are ESG a. 8 & 9/KFW/BEG 40 eligible



1 ton of CO₂ is **saved** per resident\*

\*based on a 72m² two-person GROPYUS apartment; carbon reduction of ~28 kg CO2-e per m² and year.

# Adding value with sustainable buildings

GROPYUS creates the next generation of living spaces for asset holders and tenants. With delightful design, highest quality, state-of-the-art features and true connectivity in every sense of the word, GROPYUS buildings introduce a new standard for sustainable and affordable living.

### In 3 steps GROPYUS delivers buildings as turnkey products from a single source.



Design

Flexible design possibilities
Basis for manufacturing
Digital overview of all components

#### Manufacture

Serial production with quality tolerance down to the millimetre
 Assured quality and reproducibility
 Use of best-in-class AI & robotics

Build

Optimized construction processes, standards and speed
 Just-in-time installation of prefabricated building elements
 Precision of prefabrication eliminates uncertainties and risks

Successful Management Team

They combine **more than 400 years** of cumulative experience in product-related industries.



Philipp Erler CTO

CIO Zalando (DAX: ZAL)

Founder Kontoblick

Markus Fuhrmann CEO Founder Delivery Hero (DAX: DHER) Founder Cavalry Ventures Founder Dojo Madness/ BITKRAFT Ventures

Founder & CEO Geiger Holzsystembau



CEO Cura Beteiligungen CEO Rhomberg Bahntechnik Dr. Michael Menz CAO General Counsel Zalando Counsel Freshfields



Ulrich Lewerenz CFO MD Book A Tiger McKinsey

In total, they generated a turnover of over \$30 billion.

### 95%

GROPYUS building saves 95% of the **Global Warming Potential** compared to a reference building.

### 13%

**CO2 emissions** can be reduced on average by residents\*\*

### 22%

Overall, 22% **fewer emissions** are produced in the manufacturing, transportation, construction and end-of-life phases of the building.

### 100%

Materials are sourced 100% PEFC and/or FSC-certified.

\*\* 7,7 t CO₂-Emissionen pro Person in Deutschland in 2020 Together with partners and investors, GROPYUS drives sustainable change in the construction industry.

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HILTT	Internorm	🕏 wieland	SPITTELMEISTER* DALKONE & AUTZUGE MIT SYSTEM
KONE	attit	<u>fermacell</u>	DÜRR BROUP.

Get in touch: Web: www.gropyus.com Mail: development@gropyus.com Tel: +49 30 700101201





# Igniting innovation with **Deep Tech** and **Deep Sustainability**

### **Save costs**



At GROPYUS, we utilise automated manufacturing and process automation to introduce major cost savings – in both production and building operations.

←



# Scalable production →

GROPYUS factories are designed for low variable costs, repeatability, integrated supply chains, automation and 24/7 production operations.



# Social participation

We design for people from all different life stages and ensure that our buildings accommodate all needs in terms of accessibility and inclusion.

# One-of-a-kind experience

With delightful design, unparalleled value, and true connectivity in every sense of the word, GROPYUS buildings introduce a standard of sustainable living.

 $\checkmark$ 





## Save time

Our processes are set up to give asset holders an exact overview of timelines and planning reliability. The GROPYUS configurator ensures that plans are ready for state approvals, production, construction and implementation.



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# Flexibility in Design 🔿

From shape and size, to design and appearance – all elements are ready to be deployed. Asset holders looking for enhanced convenience can also select from predefined parameters.

# Efficient operation

The GROPYUS Building Operating System (BOS) enables full control over building operations, such as programmatic maintenance, predictive scheduling and integrated customer support.





# **Beyond standards**

Our products are ESG a. 8 & 9/KFW/BEG 40 funding eligible and sourced with 100% PEFC and/or FSC certification.