



**Infinite Foundry**  
3D Digital Plant

*Infinite Foundry 2.0*

**MODULAR CONSTRUCTION:  
THE FUTURE OF SUSTAINABLE CONSTRUCTION**

# Industrialized Modular Construction

o *What is it?*

Innovative solution to industrialize and digitalize the entire life cycle of modular buildings.

*How does it work?*

Complete integration from customization and manufacturing to assembly and maintenance.

# Validation & Customization

User



Customization of modules according to needs



Production



Automatic validation by IF software, ensuring production viability

# Digital Orchestration: Manufacturing & Logistics

*manages manufacturing in central  
factories and microfactories on  
the construction site*

## Digital Twin



*logistics optimization for  
efficient transportation of  
parts and modules*

# Automated and Validated Assembly

## Drones



*continually validate  
construction progress*

## Logistics Robots (digitally guided)



*transport components from  
microfactories to the assembly site*

## Specialized Robots



*perform specific high-  
precision assembly tasks*

# Digital Twin of the Building

- *Automatic generation of the digital twin of the completed building.*
- *Predictive maintenance and energy optimization throughout the building's life cycle*



# Tokenization for Decentralized Construction Financing

- Digital and transparent process *allows for high precision in costs and deadlines.*
- Direct attraction of Investors *through the Infinite Foundry platform.*
- Low-value investments *made possible by transparency and security.*

# *Infinite Foundry 2.0 & Modular Construction: Benefits*



*Significant reduction  
of risks and budget  
deviations*

*Greater precision and  
efficiency in all phases  
of construction*



*Full transparency for  
investors through  
tokenization*



*Promotion of  
sustainability and  
energy efficiency*





# Infinite Foundry

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