

3D PRINTING: THE EVOLUTION OF MODULAR HOUSING

Building the future,
layer by layer



FAST

Construction times
up to 70% faster.



SUSTAINABLE

Less waste, higher
energy efficiency.



CUSTOMIZABLE

Adaptable designs
for every need.



RESILIENT

Durable, safe, and
high-quality structures



3D TECHNOLOGY THAT
MANUFACTURES HOMES.
BUILD YOUR FUTURE



FASTER



MORE SUSTAINABLE



MORE FLEXIBLE



SAFER

From traditional construction...



To industrialized construction.



The Global Market Reality

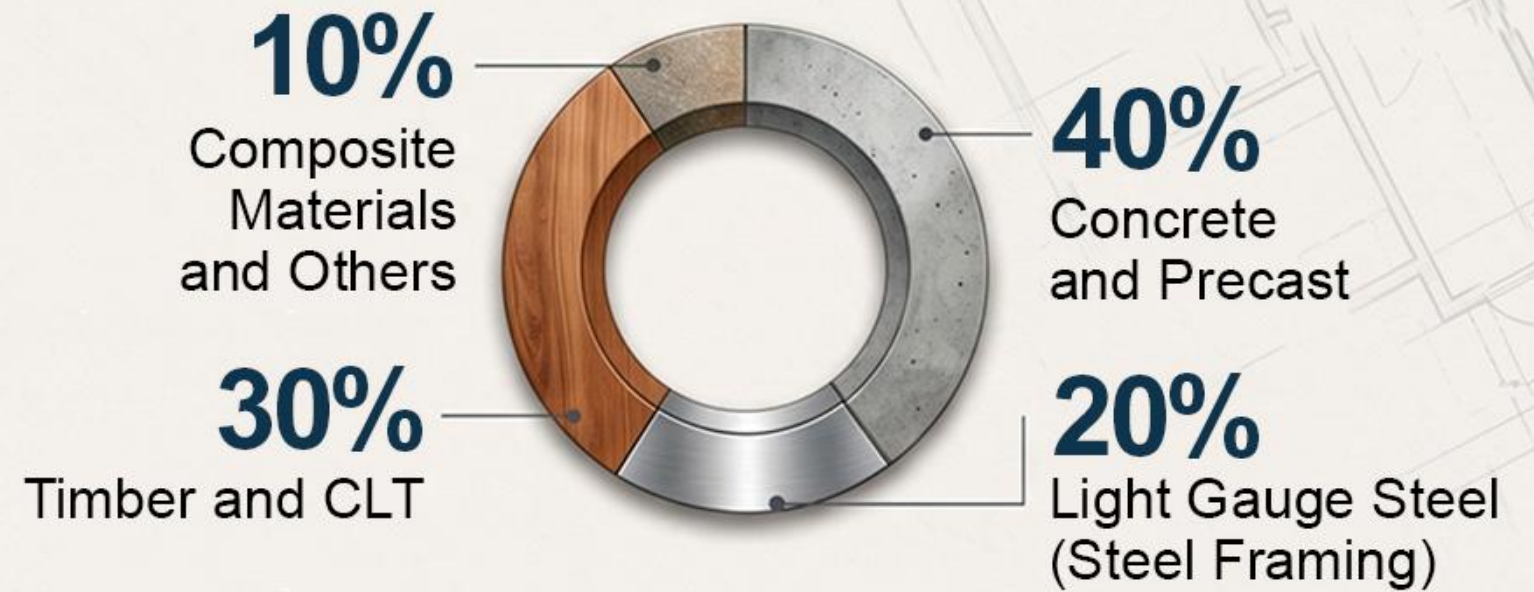
A €250B Opportunity

€250B

Global prefabricated housing market size
(Source: Allied Market Research)

+8,5%

Expected Compound Annual Growth
Rate (CAGR) through 2034.



The sector is growing, but demand requires greater customization and speed.

3DCP + CLT HYBRID HOUSING

THE BEST OF TWO CONSTRUCTION SYSTEMS
COMBINED ON SITE

3DCP SYSTEM

- High strength and durability
- Thermal and acoustic insulation
- Fire, moisture, and earthquake resistant
- Design freedom

CLT SYSTEM

- Lightweight
- Low carbon footprint
- Natural comfort
- Thermal insulation

HYBRID FACTORY



ADVANTAGES OF COMBINING SYSTEMS

- ✓ Shorter total construction time
- ✓ Cost optimization
- ✓ Less waste, higher sustainability
- ✓ More resilient and durable
- ✓ Free and functional design
- ✓ Natural comfort and modernity

3DCP + CLT TIMBER

THE FUTURE OF
CONSTRUCTION IS HYBRID



3DCP + STEEL FRAME HYBRID HOUSING

THE BEST OF TWO CONSTRUCTION SYSTEMS
COMBINED ON SITE

3DCP SYSTEM

- High strength and durability
- Thermal and acoustic insulation
- Fire, moisture, and earthquake resistant
- Design freedom

STEEL FRAME

- Lightweight
- Fast to build
- Wide flexibility
- Ideal for expansions and customization

HYBRID FACTORY



ADVANTAGES OF COMBINING SYSTEMS

- ✓ Speed in construction and assembly
- ✓ Lower maintenance
- ✓ More sustainable
- ✓ Stronger and more durable
- ✓ Free and functional design
- ✓ Less labor required

3DCP + STEEL FRAME

THE FUTURE OF
CONSTRUCTION IS HYBRID



3DCP + TRADITIONAL PRECAST HYBRID HOUSING

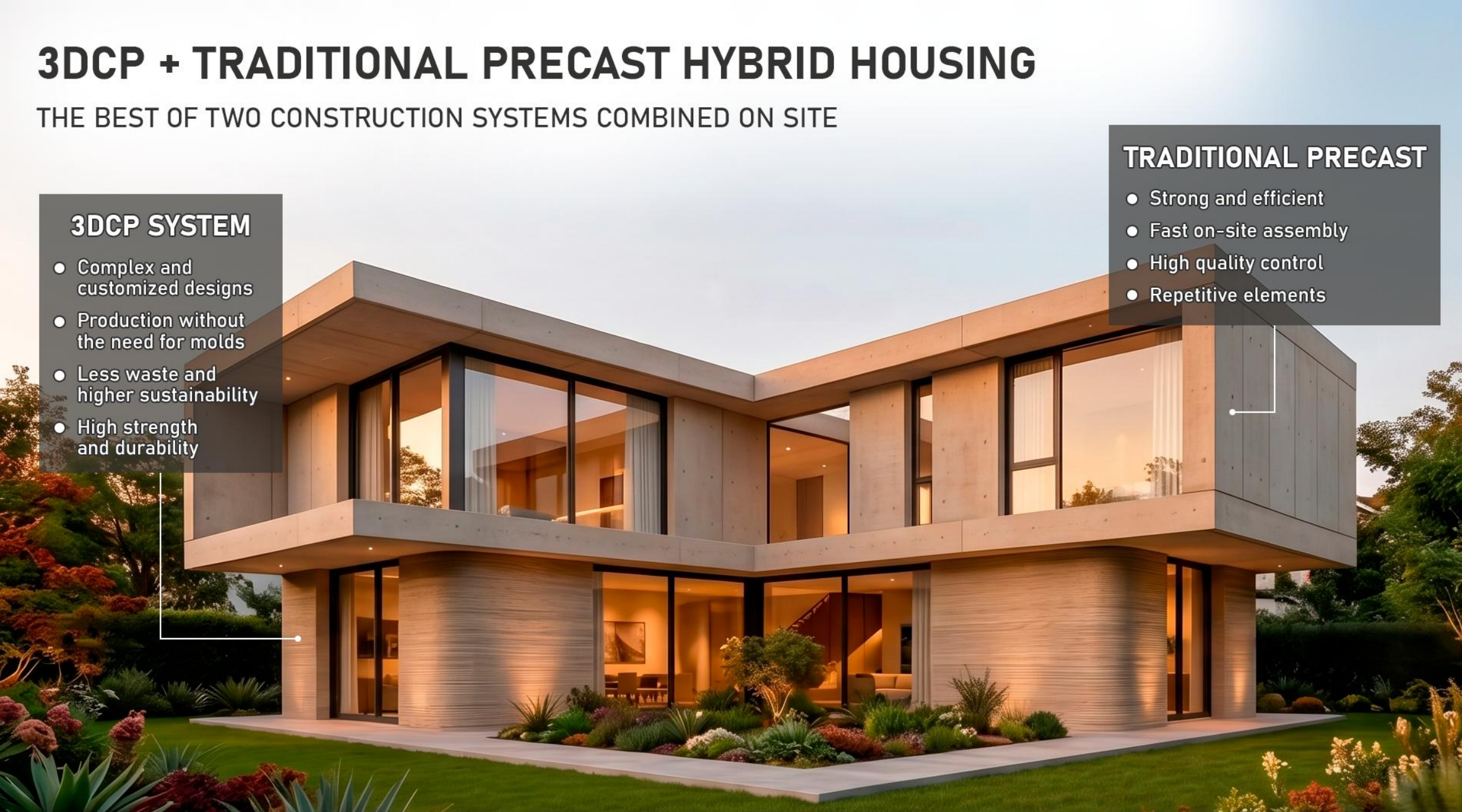
THE BEST OF TWO CONSTRUCTION SYSTEMS COMBINED ON SITE

3DCP SYSTEM

- Complex and customized designs
- Production without the need for molds
- Less waste and higher sustainability
- High strength and durability

TRADITIONAL PRECAST

- Strong and efficient
- Fast on-site assembly
- High quality control
- Repetitive elements



HYBRID FACTORY



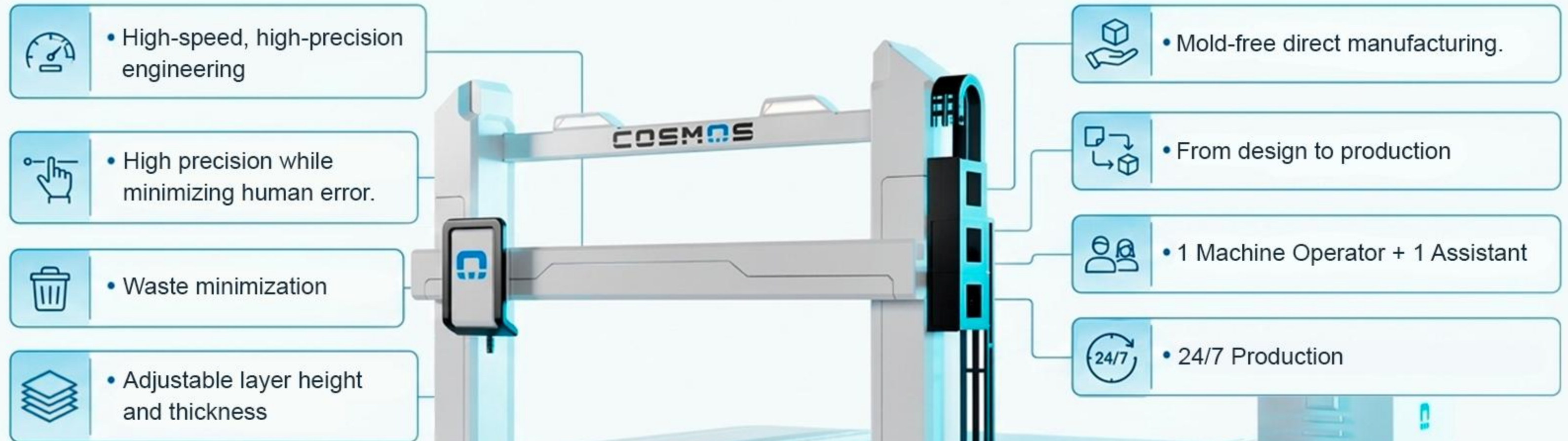
ADVANTAGES OF COMBINING SYSTEMS

- ✓ Significantly reduced time-to-market
- ✓ Cost optimization
- ✓ Lower carbon footprint
- ✓ Free and functional design
- ✓ No molds required
- ✓ Less labor required

3DCP + TRADITIONAL PRECAST

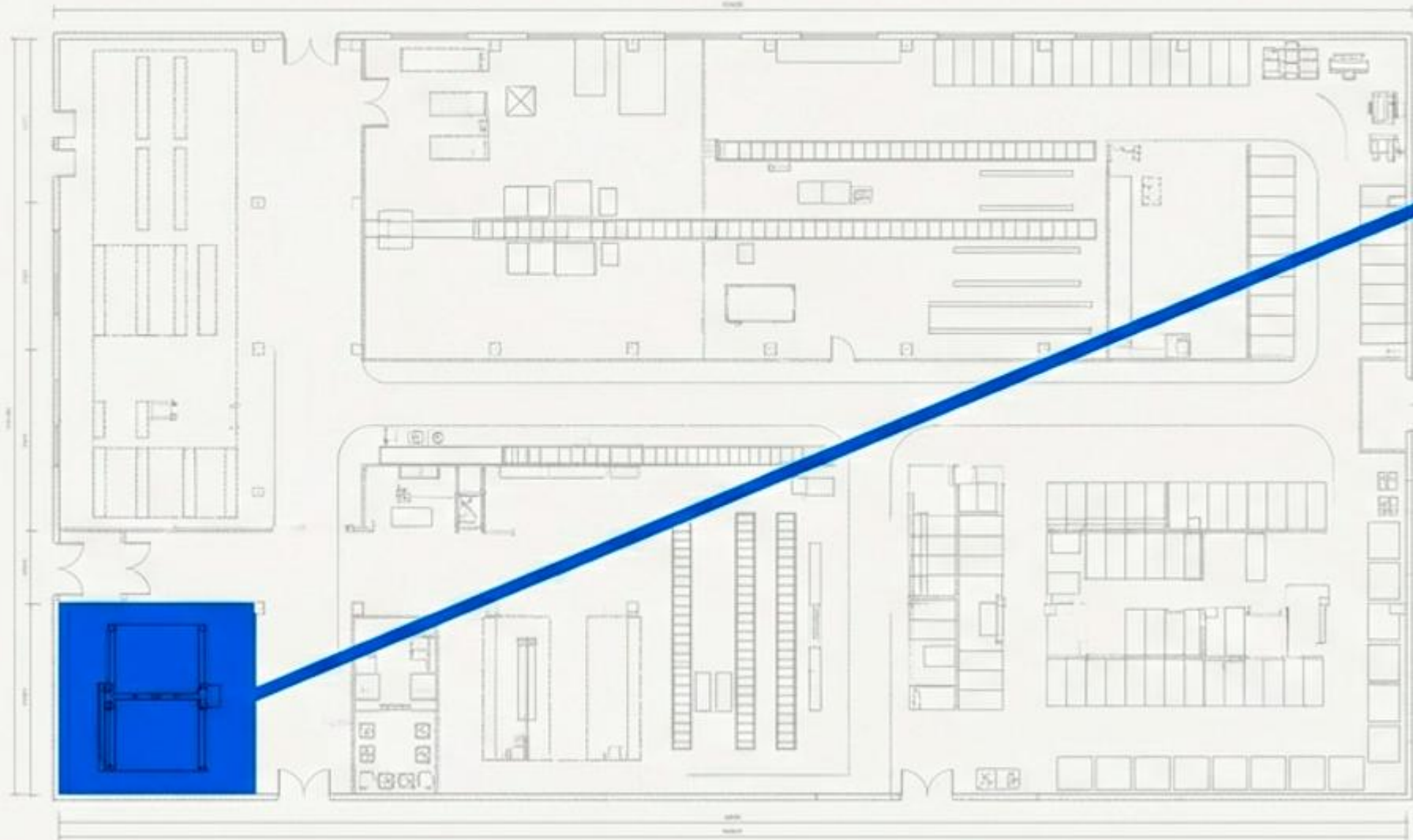
THE FUTURE OF
CONSTRUCTION IS HYBRID

COSMOS Y: The engine of the new construction paradigm



*Click to see
Cosmos 3D technology in action*

Seamless integration: The *Cosmos Fab* concept



Cosmos Fab.

Only 390m² required.

An all-in-one compact solution:

- Printing area
- Silo and material pump system
- Storage zone
- Control unit
- Post-production space

A fully autonomous production unit that integrates into your existing facilities
without disrupting daily logistics.

The 4 pillars of our competitive advantage



1. Economic Impact

Material optimization (zero waste). OPEX reduction through automation.



2. Design Freedom

Curved walls and organic shapes with no extra cost. Parametric architecture adaptable to each client.



3. Industrial Productivity

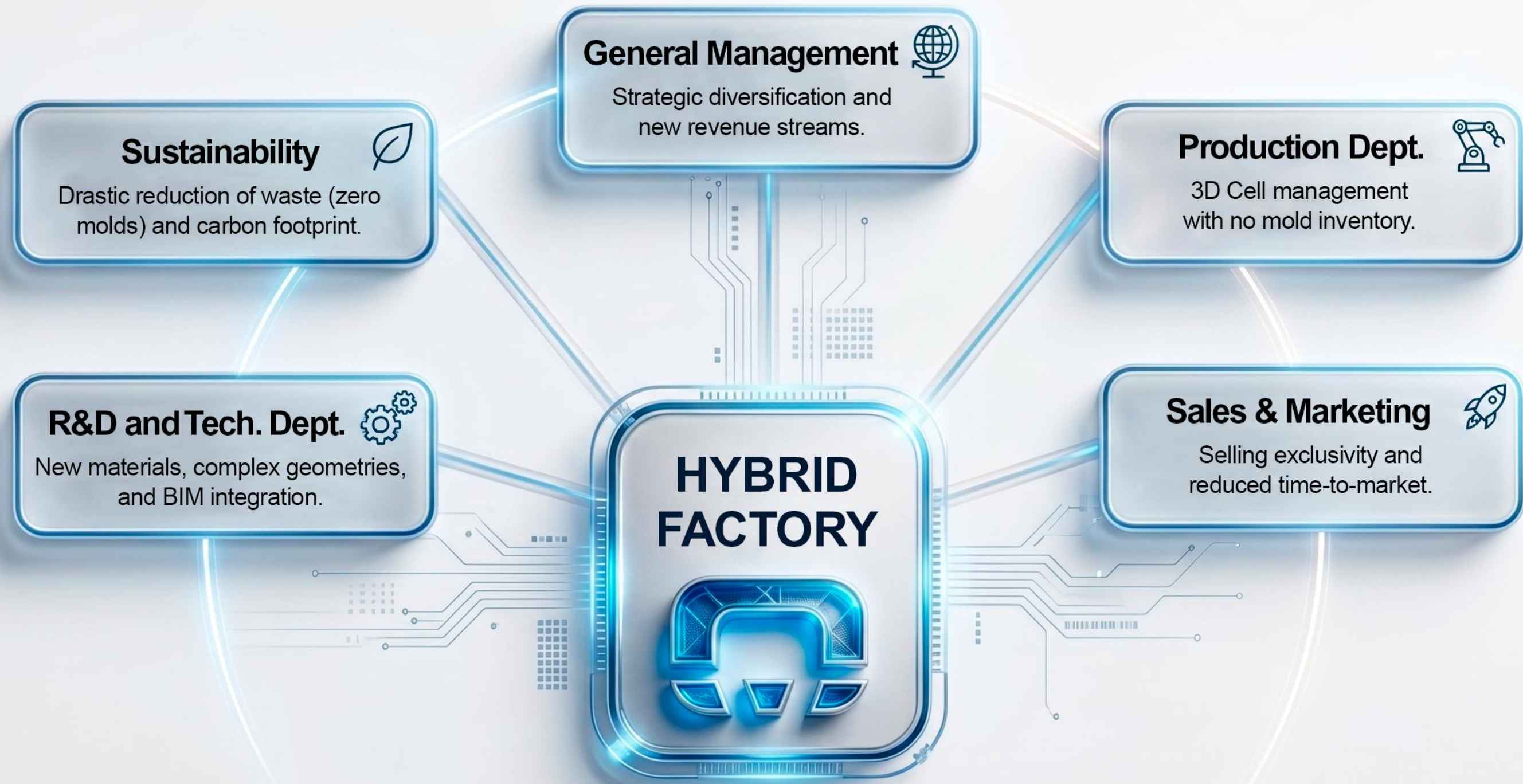
Continuous 24/7 operation. From weeks to hours of execution. 100% digital workflow.



4. Business Diversification

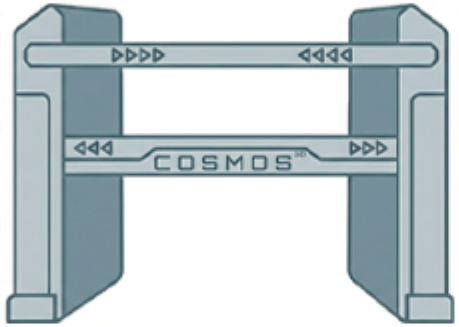
Access to new markets (street furniture, landscaping) and high-value segments (luxury housing).

Cross-Functional Transformation



Operational integration and cross-functional improvement across all company departments.

Four business integration options with Cosmos 3D



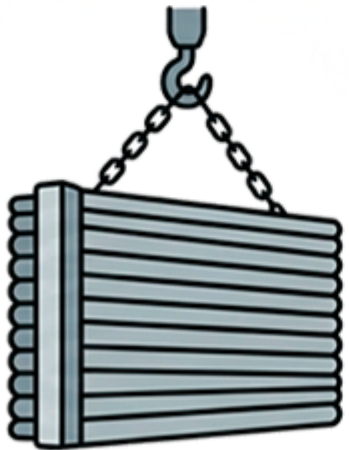
1) Machine Acquisition

In-house/third-party production. Includes installation, training, and AI platform.



2) Project-Based Rental

Minimum 6 months. Includes installation, training, and AI platform.



3) Sale of Precast Elements

Cosmos 3D produces and supplies the 3D concrete precast elements.



4) Project Participation

Joint Venture: Cosmos 3D participates via a percentage of equity/profits.



The true bottleneck of industrialized construction is not technology; it is the lack of a skilled workforce.

At Cosmos 3D, we train, support, and certify.

Cosmos Academy - Cosmos AI Platform - CaaS Service





Your leading partner.

We design and develop the best **3DCP** technology
to take your productivity to the next level.

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