



**PANTHEON**



# “Capitalism With a Conscience”



**SUSTAINABLE &  
RESILIENT**



**21ST CENTURY  
WORKFORCE**



**FAMILY &  
COMMUNITY**



# MEET OUR TEAM

## PANTHEON INNOVATIVE BUILDERS



**RYAN KELLY**  
CEO/Founder



**STEPHEN DAVIS**  
Chief Development  
Officer



**BRYANT  
YOUNBLOOD**  
Chief Education  
Officer

Pantheon Innovative Builders



# WHAT IS 3D PRINTED CONSTRUCTION?

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**What is 3D Construction Printing?**

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THINK ABOUT IT:

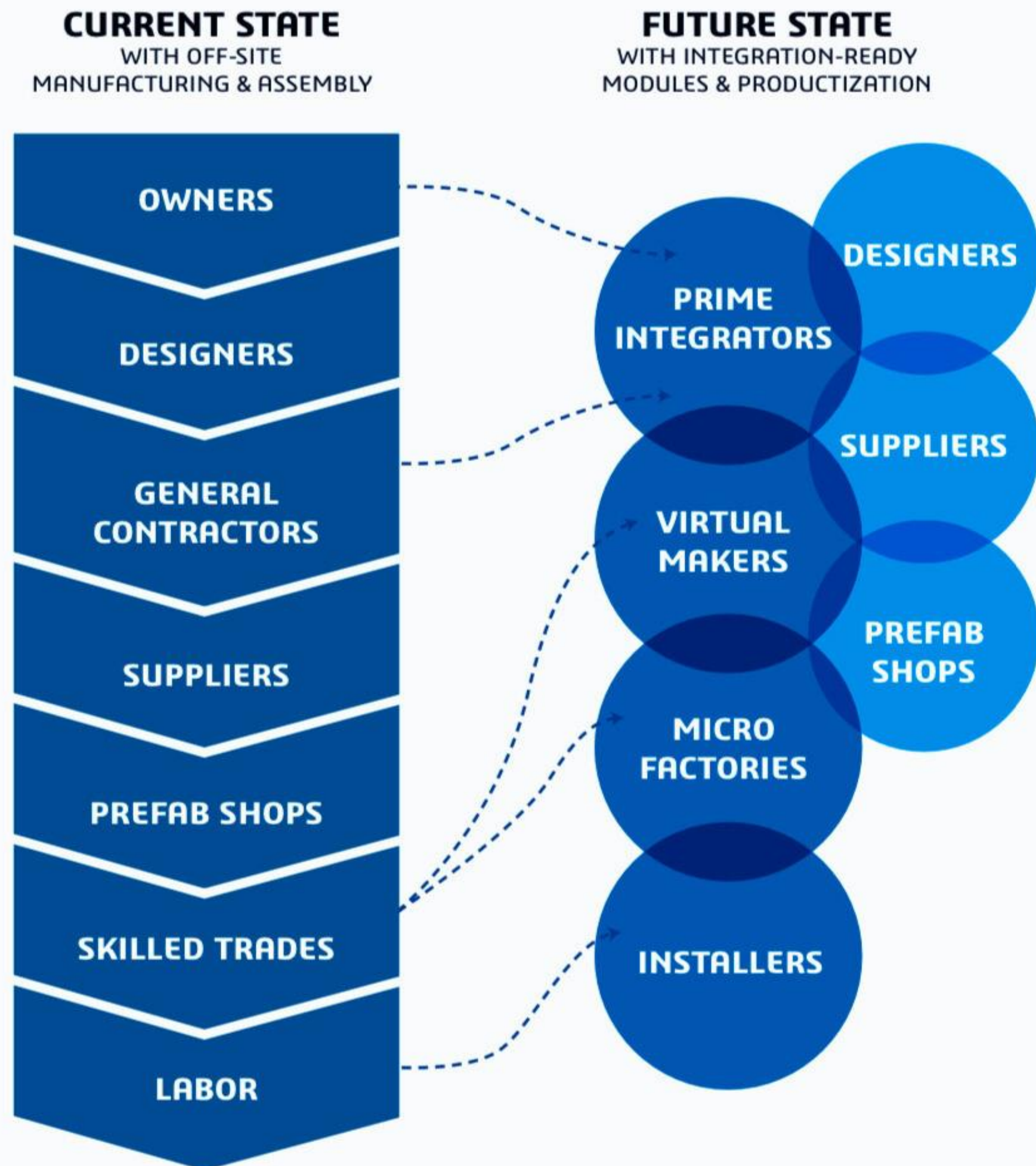
**“If I asked people what they  
wanted, they would have said  
faster horses”**

HENRY FORD

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# EVOLUTION OF THE CONSTRUCTION VALUE CHAIN



## **EFFICIENT SYSTEMS = AFFORDABILITY**

### **SOLUTIONS FOR LEGACY SYSTEMS**

- Bringing Stakeholders Together
- How 3D printed construction and other innovative methods address legacy processes
- Benefits of a new paradigm in construction
- Larger impact on efficiency, cost, and sustainability



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# WHY RESILIENCE MATTERS

- **\$92.9 Billion- FEMA's 2023 Disaster Recovery Expenditures**
- **63-The State record for tornados in Ohio**

## OHIO RECORD NUMBER OF TORNADOES

- ▶ As of July 2, 2024: 63 total
- ▶ Ohio average: 22 tornadoes
- ▶ 2023: 60 confirmed tornadoes
- ▶ Number expected to increase in 2024



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# AFFORDABLE RESILIENCE

- Concrete Cladding
- Insurance Premium Reduction
- Flexibility in Design

# SUSTAINABILITY

“CULTURE IS NOT A CATCH PHRASE”



## WASTE REDUCTION

- Construction Materials account for 35% of all Global Waste Produced
- On Demand Manufacturing



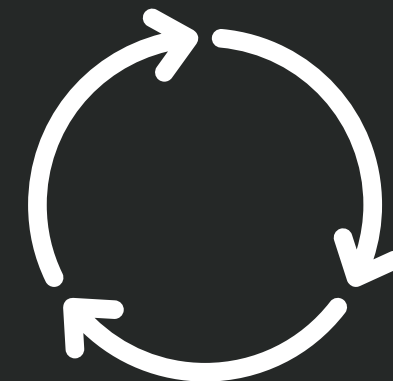
## ENERGY EFFICIENCY

- Thermal Performance vs Comparable Building Materials



## LIFE CYCLE

- Construction
- Post-Costruction





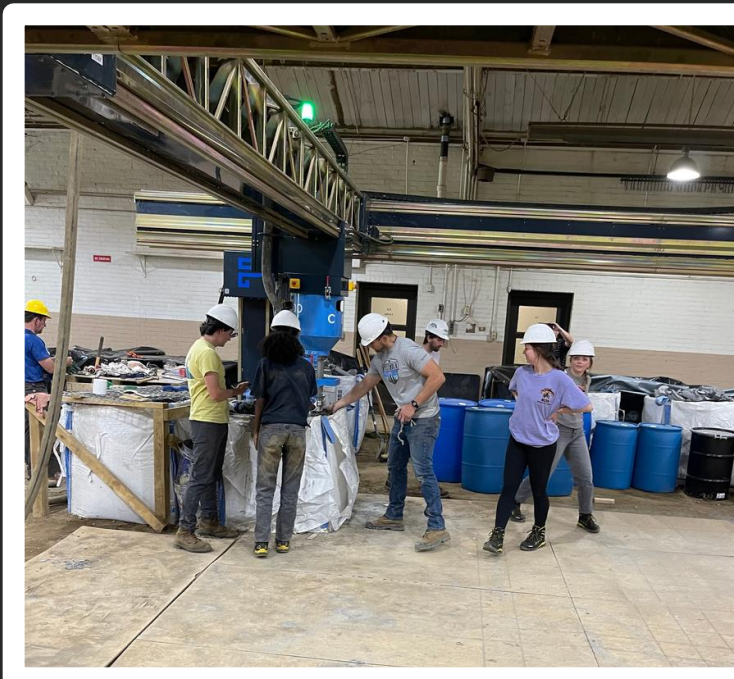
# EDUCATION & WORKFORCE DEVELOPMENT



## WIOA/DOL TRAINING



## ODE CURRICULUM



## HIGHER ED PARTNERSHIPS



## CAREER EXPLORATION



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# COFFEE SHOP ATHENS, OHIO



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First Commercially Printed Structure in the US

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Public, Non-Profit, and Private Collaboration



# 3DCP HOUSING CLEVELAND, OHIO

PANTHEON



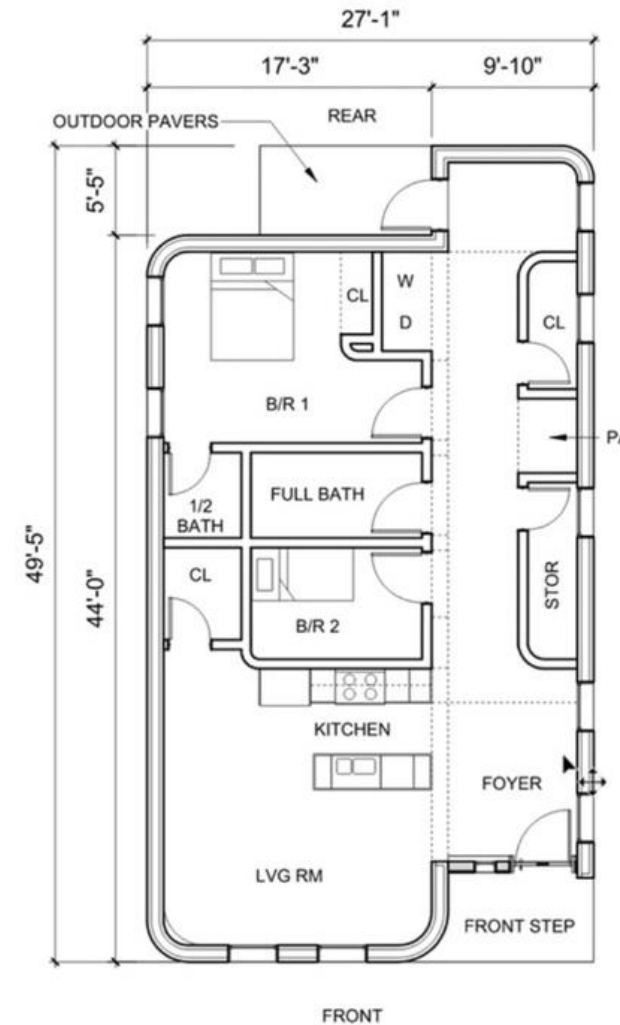
RENDERING: PERSPECTIVE



RENDERING: FRONT ELEVATION



MATERIALS



First Commercially Printed Structure in the US

Funded by The City of Cleveland (ARPA) in Collaboration with Lutheran Metropolitan Ministries

