



**BUILDTech** VC



**Mighty  
Buildings**

# Mighty Intro

Mighty Buildings Story, BuildTech Intro, and Case Studies



Alexey Dubov

## Dreaming Big with Strong Expertise in Robotics and Materials



**Co-Founder / CIO** at Mighty Buildings,  
ConTech, \$185M raised

**Founder & Managing Director** of \$6M MB REIV

Backed by **khosla ventures** POLYVALENT CAPITAL



**Co-Founder / COO** of Glance Tech  
Acquired by NeXtime



**Founder / CEO** of SVET  
Residential Lighting Solution



**Co-Founder / CTO** of RuJack  
Acquired by LG Electronics



**Co-Founder / CEO** of Trinity  
Retail Solution for Multimedia Distribution



Leading initiatives within ASTM and ISO  
**20+ inventions and patents**



Y Combinator, Top 100  
W'18 – Seed Program  
S'19 – Series A Program



RISE Finalist – 2016  
TIA Top 10 – 2016



Bauman  
Moscow State  
Technical University  
Robotics – 2009



**BUILDTech VC**

**Co-Founder / Partner** at BuildTech



**Wreno**



**TANGO**builder



**Higharc**



**Eano**

**ARX**

**Beam**

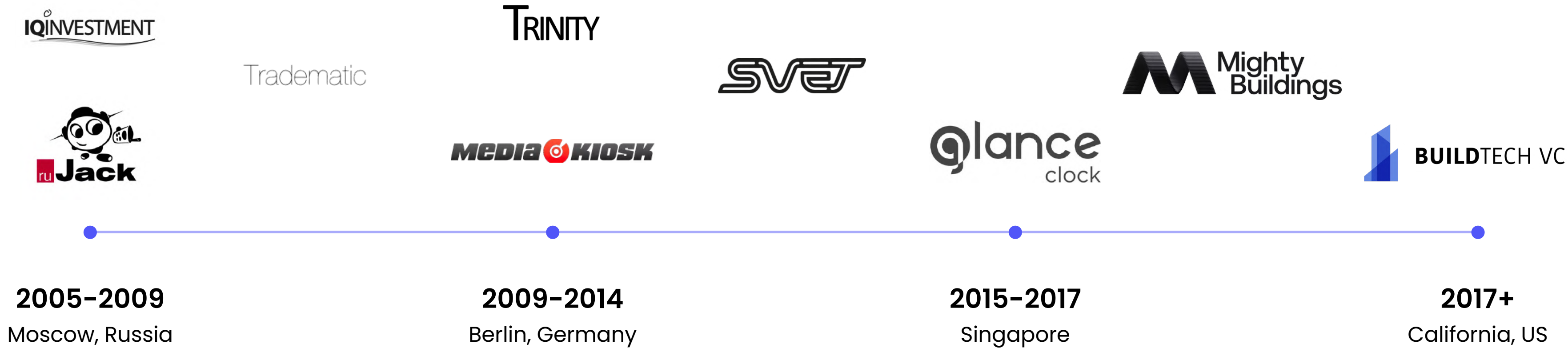
**Other founded companies**

**TRINITY**

**IQINVESTMENT**

Tradematic

# Global Entrepreneurship



# Mighty Beginning





Founded in 2017,  
with the idea of bringing  
sustainable construction  
to scale.

khosla ventures

**BOLD** CAPITAL  
PARTNERS

أرامكو السعودية  
saudi aramco

**ZENO VENTURES**

**POLYVALENT CAPITAL**

**MVP**  
VENTURES

**FOUNDAMENTAL**

**ARCTERN**  
VENTURES

**DECACORN**  
THE WORLD IS OUR OYSTER

**CORE**  
INNOVATION  
CAPITAL



**PEAK  
STATE  
VENTURES**



Y Combinator, Top 100  
W'18 – Seed Program  
S'19 – Series A Program





- Started with ADUs in CA.
- The world's first UL-listed 3D-printed Building Elements.
- 3x generations of certified building materials.
- 3x generations of building systems approved by ICC.





# Net Zero Energy Community in DHS

Forbes

FORBES > REAL ESTATE > FORBES GLOBAL PROPERTIES

Trailblazer 3D-Printed Homes  
Take Shape In California’s  
Coachella Valley

R. Daniel Foster Contributor  
Forbes Global Properties Contributor Group

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13828 Scenic Crest Circle

Desert Hot Springs, CA 92240

4 beds 3 baths 1,876 SF • #219097881

NEW LISTING \$995,000

[Media](#) [Description](#) [Member Information](#) [Listing Details](#) [More Info](#)



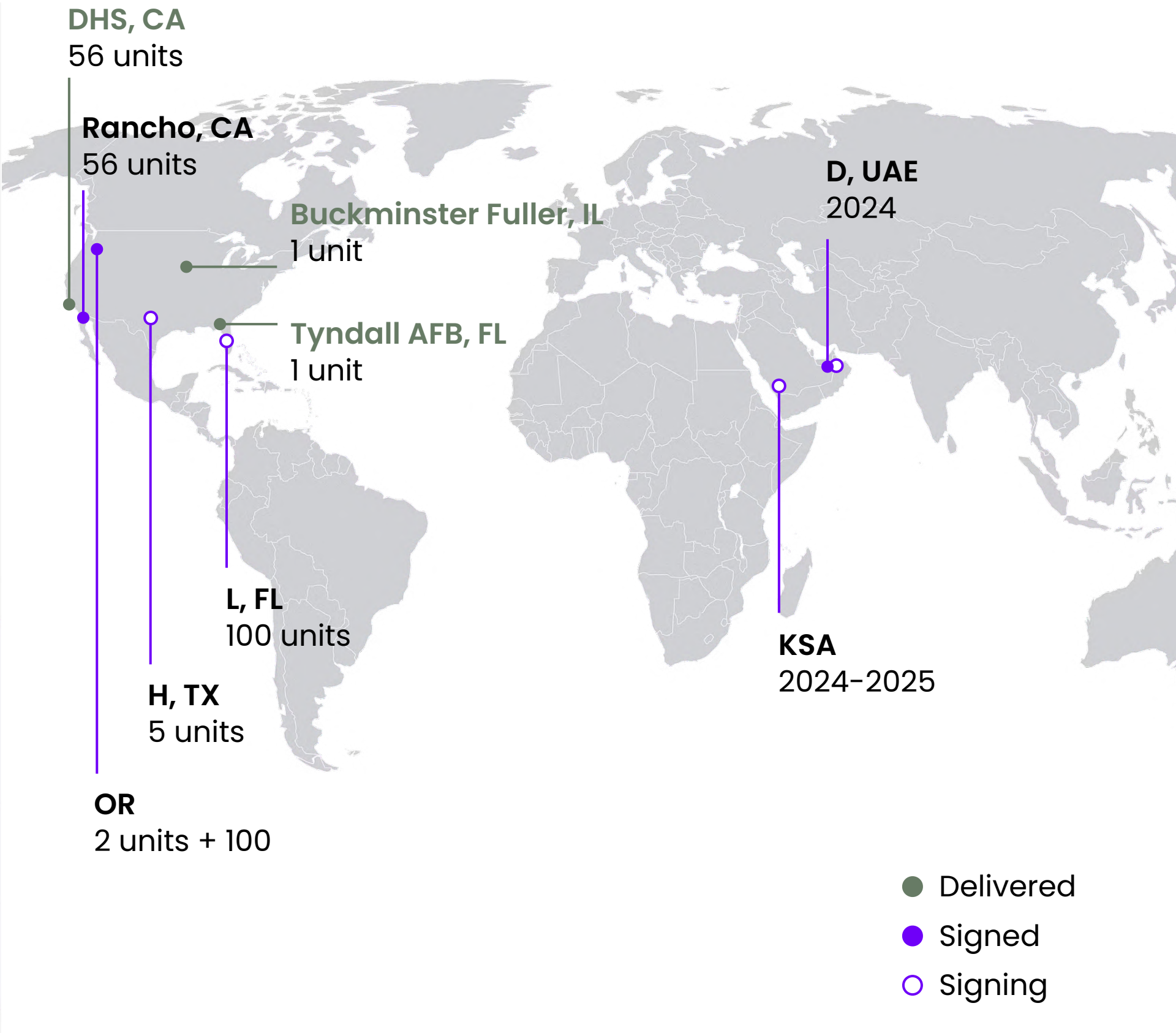
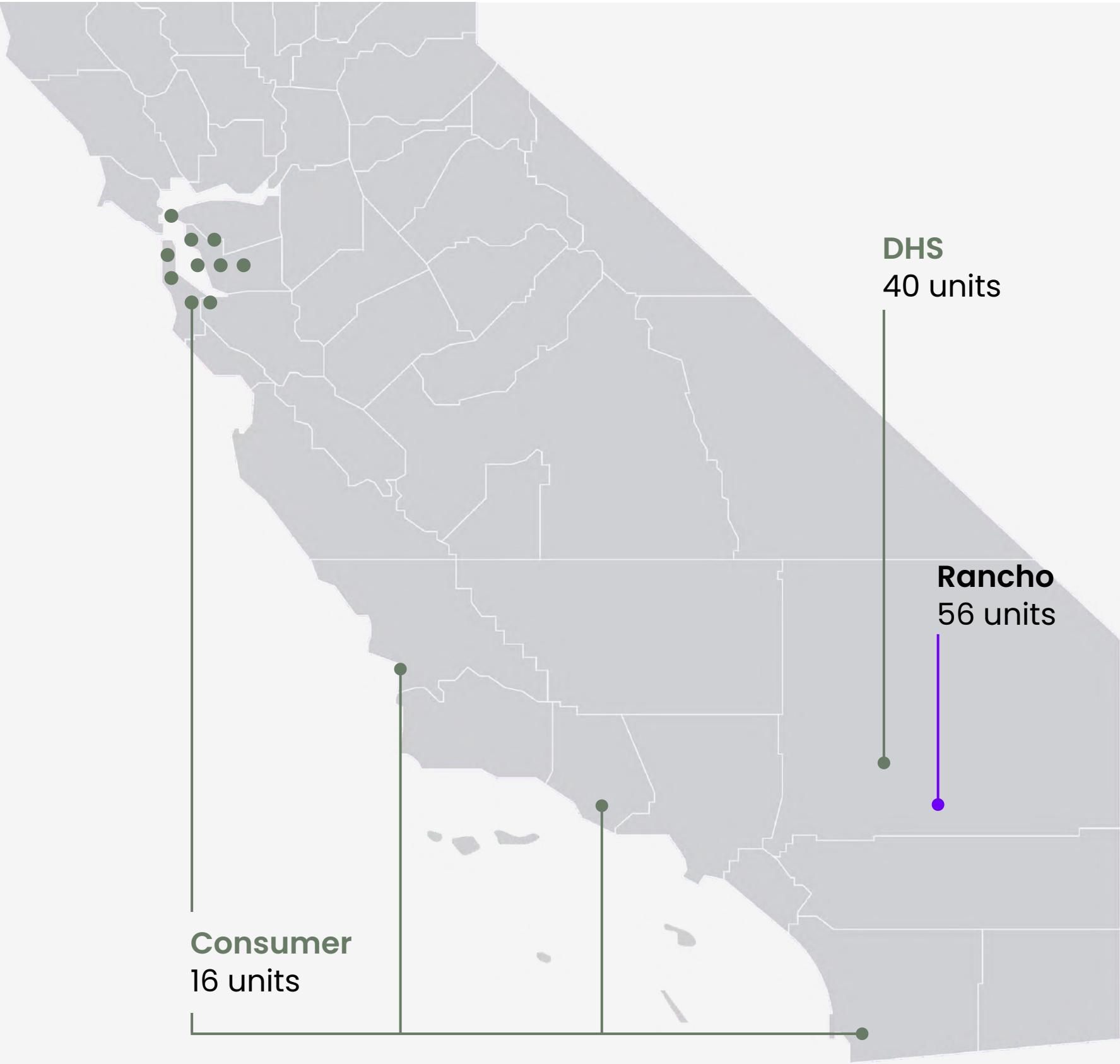
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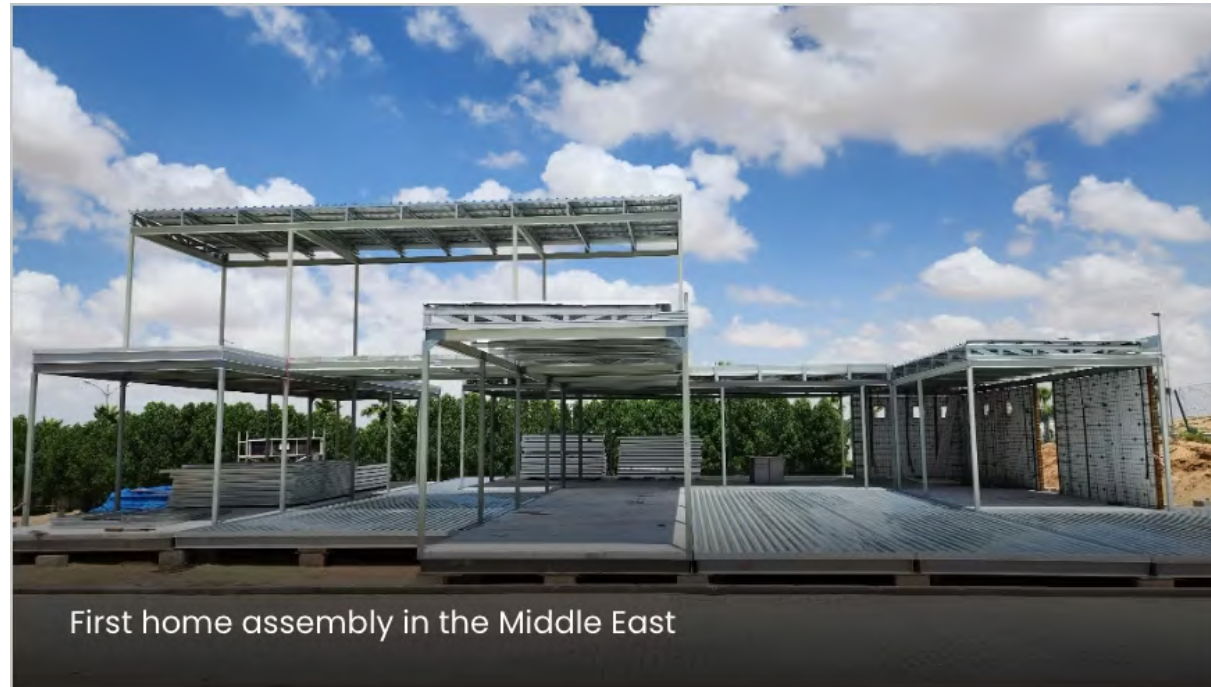
# The Mighty Impact



- Delivered
- Signed
- Signing

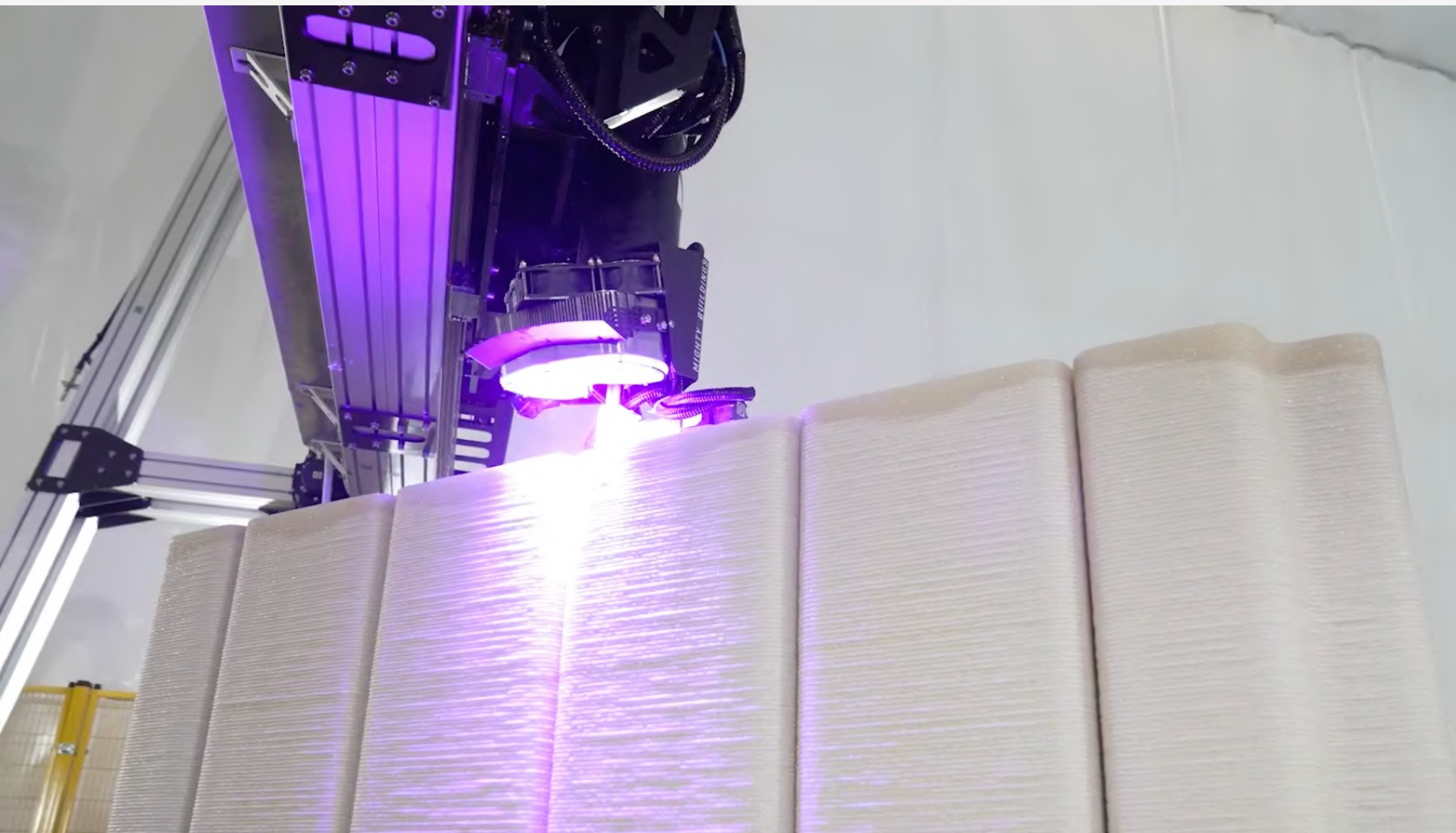


# Case Study: Faster Delivery





We design **resilient** and **sustainable** homes, made from **polymer composites**...



...using **3D printing** and **automated factories** to produce them at **scale**.



# 3D Printing and Prefabrication: Mighty Buildings







1. Digital Design





Digitally mastered Mighty Kit System covers wide array of building types.


2. Offsite Manufacturing






24/7, high volume and automotive-style scalable factory production.

3. Supply Chain





Comprehensive supply chain management, timely delivery, to agreed quality.


4. Assembly/Construction






Easy, “plug and play” building components, rapidly assembled on site.

5. Sale to Happy End-Customers







Digitally enabled process chain, from design to delivery.





# BuildTech: Pioneering Future of the AEC industry

The AEC **industry** is about to get a **major boost**!  
GCs and Owners are **ready to invest** like never before, with  
budgets for innovations **set to double** in the next few years.

**It's time** to get ready for the next growth race  
and make sure you're ahead of the game!



**Alexey Dubov**

# Change the Industry: Synergy of Innovation and Investment



**Sector-Focused  
Investment Strategy**

Software

Sustainability

New  
Materials

Software-enabled  
hardware

## Building Life Cycle

**1** 

Design

**2** 

Pre-construction

**3** 

Procurement

**4** 

Construction

**5** 

Building  
Management




























**BuildTech VC – a venture investment group focused exclusively on Pre-Seed and Seed Construction and Real Estate Tech companies**

By leveraging our vast **global network** of building industry contacts and **decades of experience**, we at **BuildTech** are **uniquely equipped** to help startups in the construction sector rapidly validate and commercialize their projects

# Track Record in Category

Company	Segment	Notable Investors
	New Materials, Robotics	 
	AI, Automated Design	 
	Automated Workflows	 
	Payment Platform	
	Contractor Marketplace	 
	CO2 Management, ESG	
	Materials Marketplace	 
	New Energy	
	Recycling Methods	 
	AI, Data Insights	



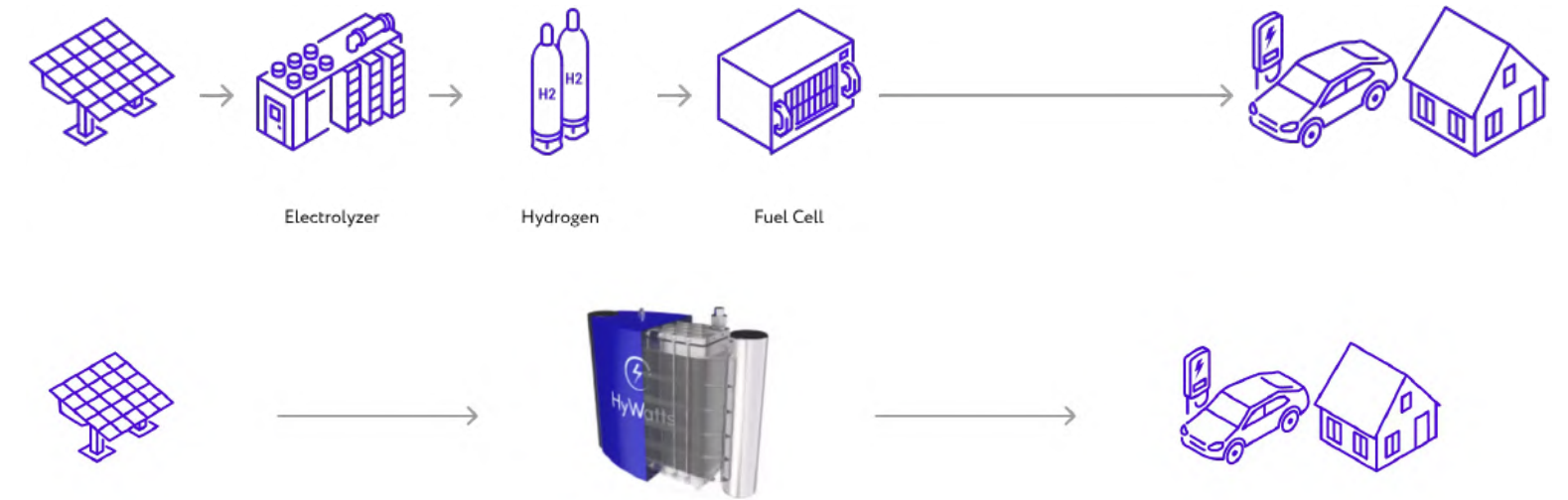
# Case Studies





Uninterrupted renewable power. Whenever, wherever.

Unlock the potential of renewable energy with HyWatts' Power-Plant-in-a-Box.

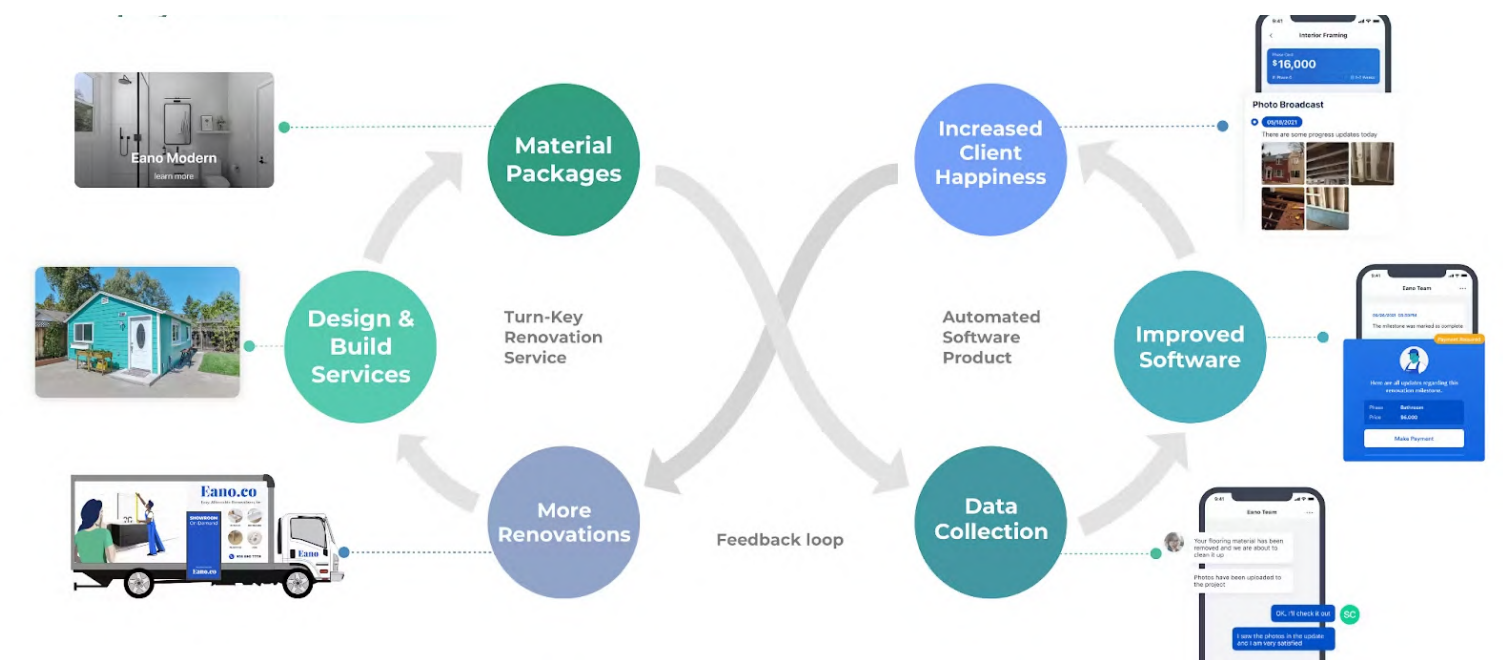
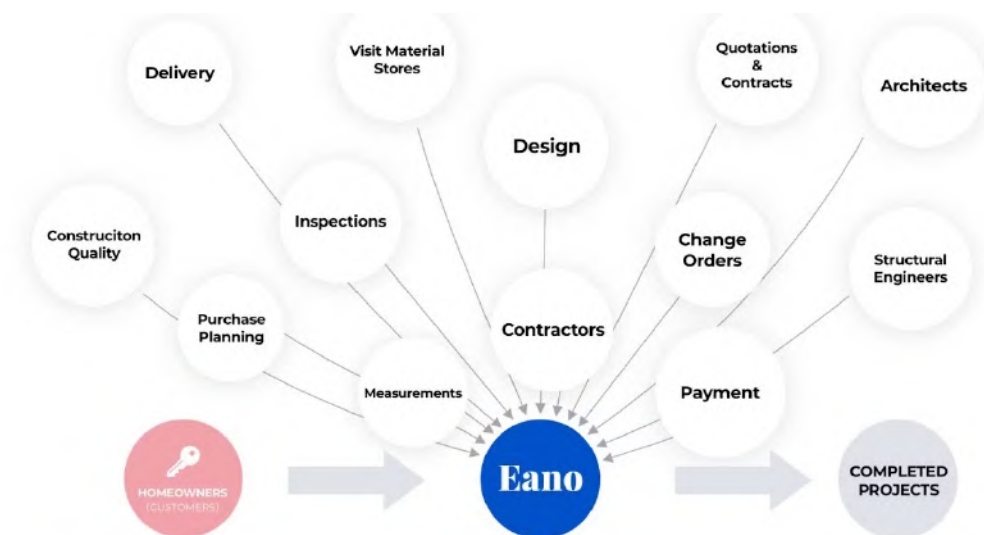
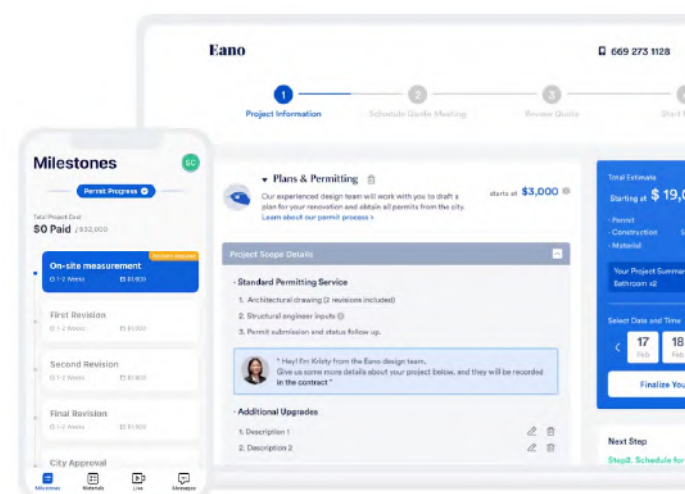




# Eano

Eano is the first managed marketplace providing an end-to-end software solution to make every home renovation easy and affordable.

Eano has saved 215 hrs (on average) per project for homeowners, and provide a 100% quality guarantee with a fully digital renovation project management.










PermitFlow is simplifying construction permitting with OCR, automated workflows, and AI.

PermitFlow reduces time spent (70% faster), simplifies the process, limits errors, and provide greater transparency to the permitting process.



### Assignees

	<b>Jenny Wilson</b> Architect	<b>Plan Review</b>	<div><div></div> Initiated</div>
	<b>Howard Steward</b> Engineer		<div><div></div> Blocked</div>
	<b>Wade Warren</b>	<b>Pay Permit Fees</b>	<div><div></div> Completed</div>

[Permit Submitter](#)[About](#)[Blog](#)[Contact Us](#)


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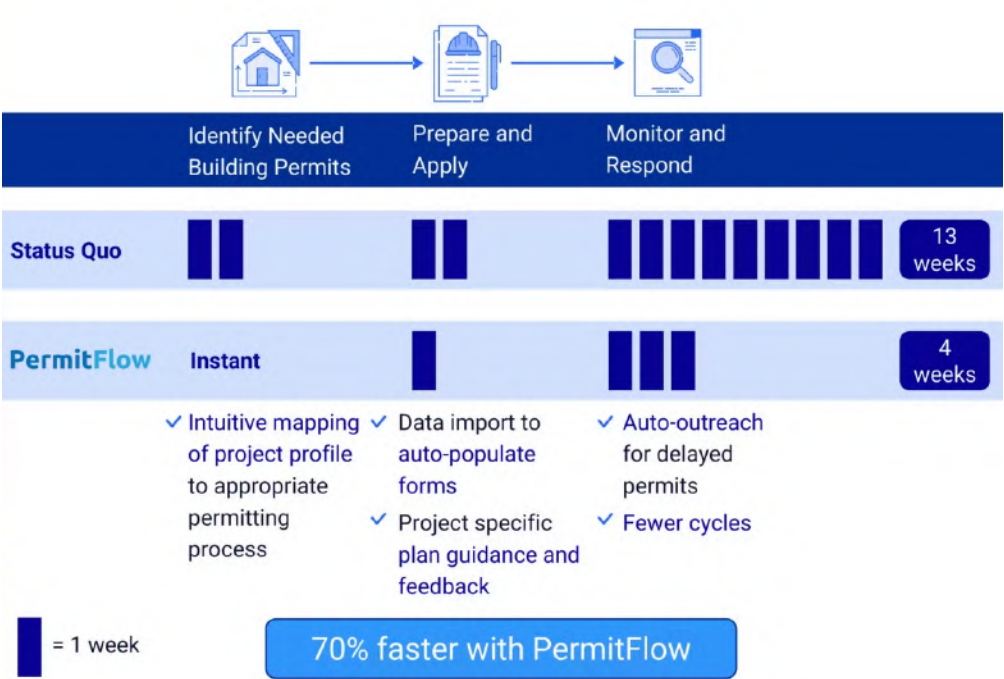
## Easy, Predictable Construction Permitting

General contractors, architects, DIYers, and more trust us with their permit filings. We handle the preparation, filling, and submission of permit applications to your municipality.

Request a Demo

Get Started






	PermitFlow	In-House Without Specialists	In-House Permitting Specialists	Permit Expeditors
Regularly refreshed form and plan requirements database	✓			
Permit tracking and coordination capabilities	✓		✓	✓
24/7 availability	✓			
Scalable and repeatable	✓		✓	






Rainstick is an eco-friendly shower system that doubles your water flow, connects to your smart home, and uses **up to 80% less water and energy**.






**TODAY**  
**RainStick Shower**  
North America's first circulating shower



**2024**  
**RainBox (remote cabinet)**  
Behind-the-wall integration for the RV and marine markets, and cost conscious consumers.



**Future Development**  
**RainTap**  
The world's first AI adaptive smart faucet providing exactly the water you need for the task at hand.



**Future Development**  
**RainLoo**  
100% waterless toilet w/urine diversion technology.



# Be ahead of the Game



You can gain a competitive edge by adopting new technologies early. Even though it may be slightly risky, starting early could set you ahead in the adoption race.



**Alexey Dubov**