

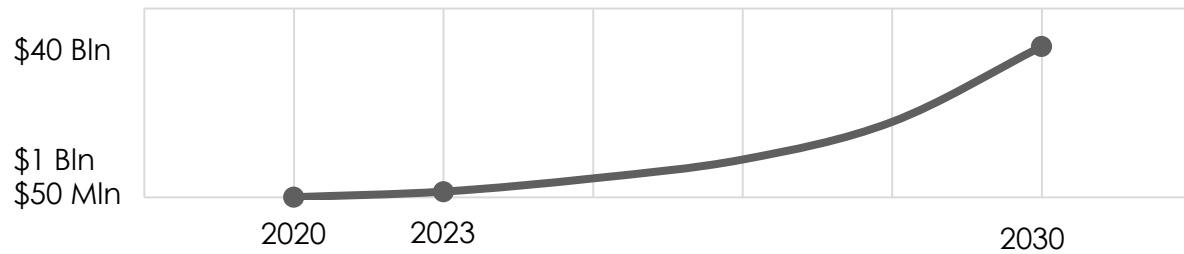
Arkon Construction is a developer of construction 3D-printing technology to print entire houses on-site.

Construction 3D-printing (3DCP) is a technology to disrupt construction industry in low-rise housing sector:

- 3D-printing a house at least 2 cheaper than traditional tech
- And at least 3 times faster (Days vs Weeks)
- Giving geometry and architecture freedom at no additional cost
- Greener - reducing waste and CO2 emission

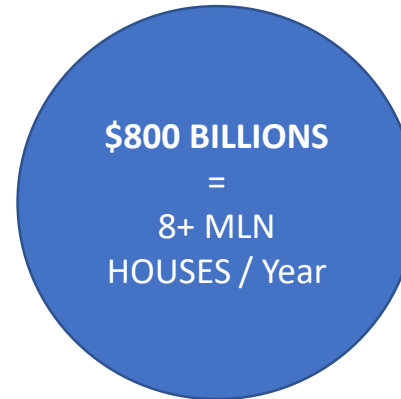


3DCP Market valuation*

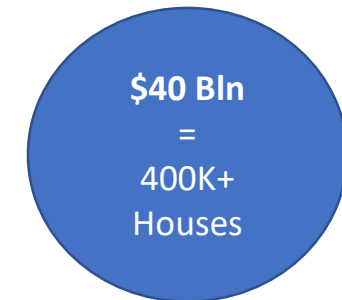


* Json & Partners marketing research

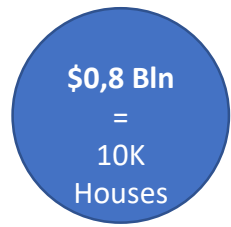
	2019	2020	2021
Total investments in 3DCP	< \$30 Mln	> \$150 Mln	> \$300 Mln
Market size	\$20 Mln	\$50 Mln	\$150 Mln
Qty of orders for houses	Below capacity	Exceed capacity by far	500+ pre-orders for Arkon Construction houses



Global market for low-rise housing
Total available market



Projected 3DCP market by 2030
5% Addressable market



Houses build by ARKON / Year
2% market share

Where we are now:

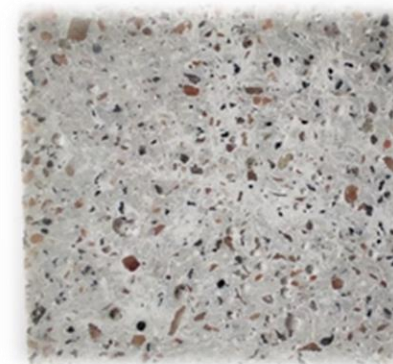
- Concrete 3D-Printer Arkon (Version 1) was developed and produced
- Printing materials developed
- First commercial project completed
- Pipe-line of confirmed pre-orders for houses and printers
- Grant for \$26000 was won under the START program of the Fund for Assistance to the Development of Innovations
- IP protected by 2 patents

Advantages of Arkon technology:

- Printing entire house on-site
- Printer cost up to 5x times cheaper than US/European competition
- Adjustable printing area – modular 3D-printer
- Unique printing materials: any climate, no reinforcements needed
- Material components available on local markets in target regions
- Exclusive dry material supply printing head
- Integrated technology (Printer + Material + Adopted house designs)

Next Steps:

- **Pre A Round VC acquiring (2021)**
- Completing commercial version of Arkon 3D-printer (2021)
- Printing 1st commercial building (2022)
- Launch on Russian market (2022)
- Launching on global market (2023)



BUSINESS MODEL

	2022	2023	2030
Houses built by Arkon	3	100	10 500
Avg. price per house	\$50K	\$75K	\$75K
Revenue, \$	\$150 K	\$7,5 Mln	\$800 Mln

- Selling houses built by ARKON’s in-house construction service
 - Creation of own construction brand – **Arkon**
 - Creating local offices in different countries
 - Active acquiring of partnership agreements with local construction companies in order to scale faster
- Producing concrete parts and prefabs

**Total market size,
Low-rise housing**



TEAM



Maxim Bezrukov: COO

More than 10 years of operational management
Top expertise in implementing innovations and
business development of high-tech products
CIMA and MIT certified



Boris Kozlov: CEO, Founder

6 years experience in additive technologies
Was head of Russian worldwide sales of nuclear
medicine chemicals with distribution to 40 countries
Before founding Arkon Construction achieved #1 sales
results of industrial 3D printers in Russian market



Dmitry Konshin: CTO

More than 10 years of design experience.
Experience in the development of
robotized technological systems for
enterprises in Russia (tig, mig / mag, laser
welding, surfacing, shot peening)



**Vladimir Sinitsin:
chief architect**

Top-tier Russian architect for modern high-
tech style in housing
Early adopter of construction 3D printing
More than 100 private houses were built
based on his architect projects



**Andrey Ivashenko:
chief constructions engineer**

Top Russian expert of concrete construction
engineering
Was responsible for developing construction of all
key Russian concrete skyscrapers
(including Moscow City and Lachta Centre)



**Dr. Andrey Sheynfeld:
Material development engineer**

Doctor in construction materials science
Was responsible for material selection integrity in
all Russian key concrete skyscrapers
Including Moscow City



**Dr. Galina Slavcheva:
Material development engineer**

Doctor in construction materials science
One of top Russian experts in concrete-
based mixes
Head of top Russian construction
materials testing laboratory

FINANCIAL

	Wages	Production of 3D printer Arkon 2.0 and printing first house	Fixed Assets	Sales	Marketing
Pre A (2021)	20%	55%	15%	5%	5%

Investment offer:

- **2021** – Pre A Round – \$1 Mln
 - SAFE, USA
 - valuation cap \$20 Mln
 - discount 20%
 - conversion in Series A

minimal check \$ 50 K

Investment indicators:

Valuation growth of the investor's share in 2 years

11 times

Target Valuation in Series A – \$250 mln

Potential buyers: international construction and development companies, industrial groups with high CAPEX

Design project by Arkon Construction



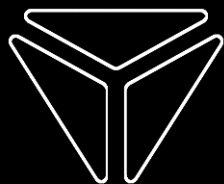
Sk
Resident

Thank you!

Maxim Bezrukov, COO

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ARKON
CONSTRUCTION