

BROUGHT TO YOU BY ANDREY, CAYLEE, NAVIN, SARA, ZHANG TIAN

# NANOCERAM

GLASS FOR THE AGES



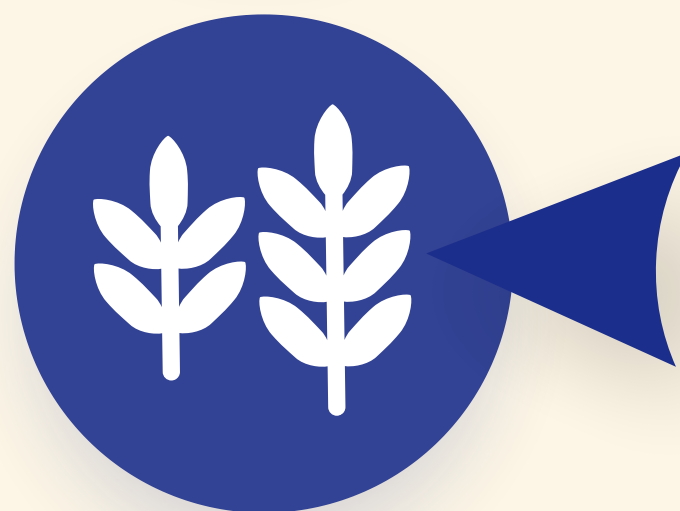
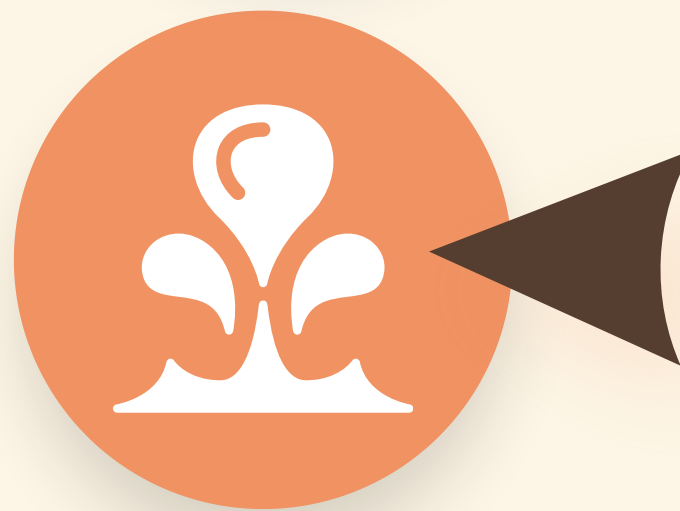
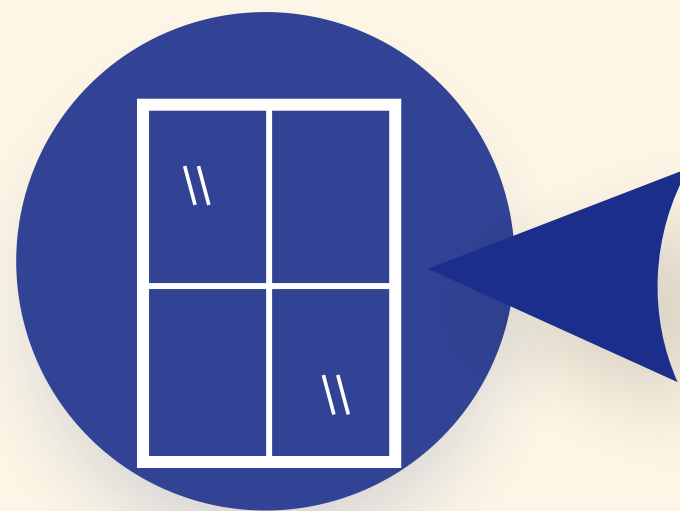
**NUS**  
National University  
of Singapore

Institute for Engineering Leadership  
College of Design and Engineering

## ★ PATENTED ★

COMPOSITION  
AND PROCESS  
PROTECTED BY  
TRADE SECRET

Technology



### What is NANOCERAM?

- Durable ceramic glass
- Application: Stained glass

### The Problem

- Easy breakage
- Heat sensitivity
- Degradation over time
- Easily scratched
- High repair and replacement cost
- Lead poses health & environmental risks

### The Solution

- A lead-free environmentally-friendly glass-ceramic material
- Enhanced *durability*
- Increased *hardness* and *clarity*

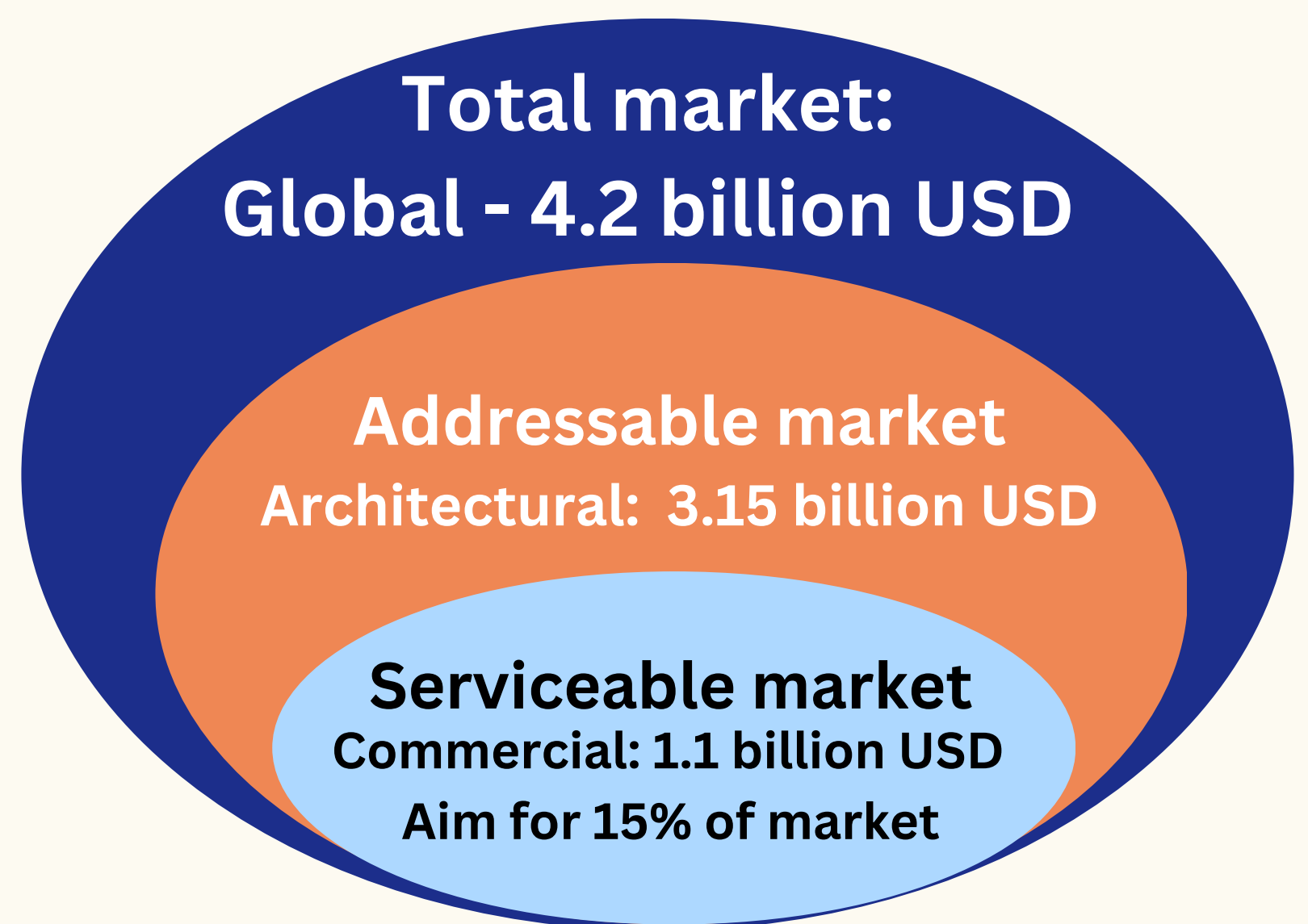
### Product

- Standard Block Size:
  - 9cm x 18cm x 35cm
- Additional shaping and faceting by subcontractors

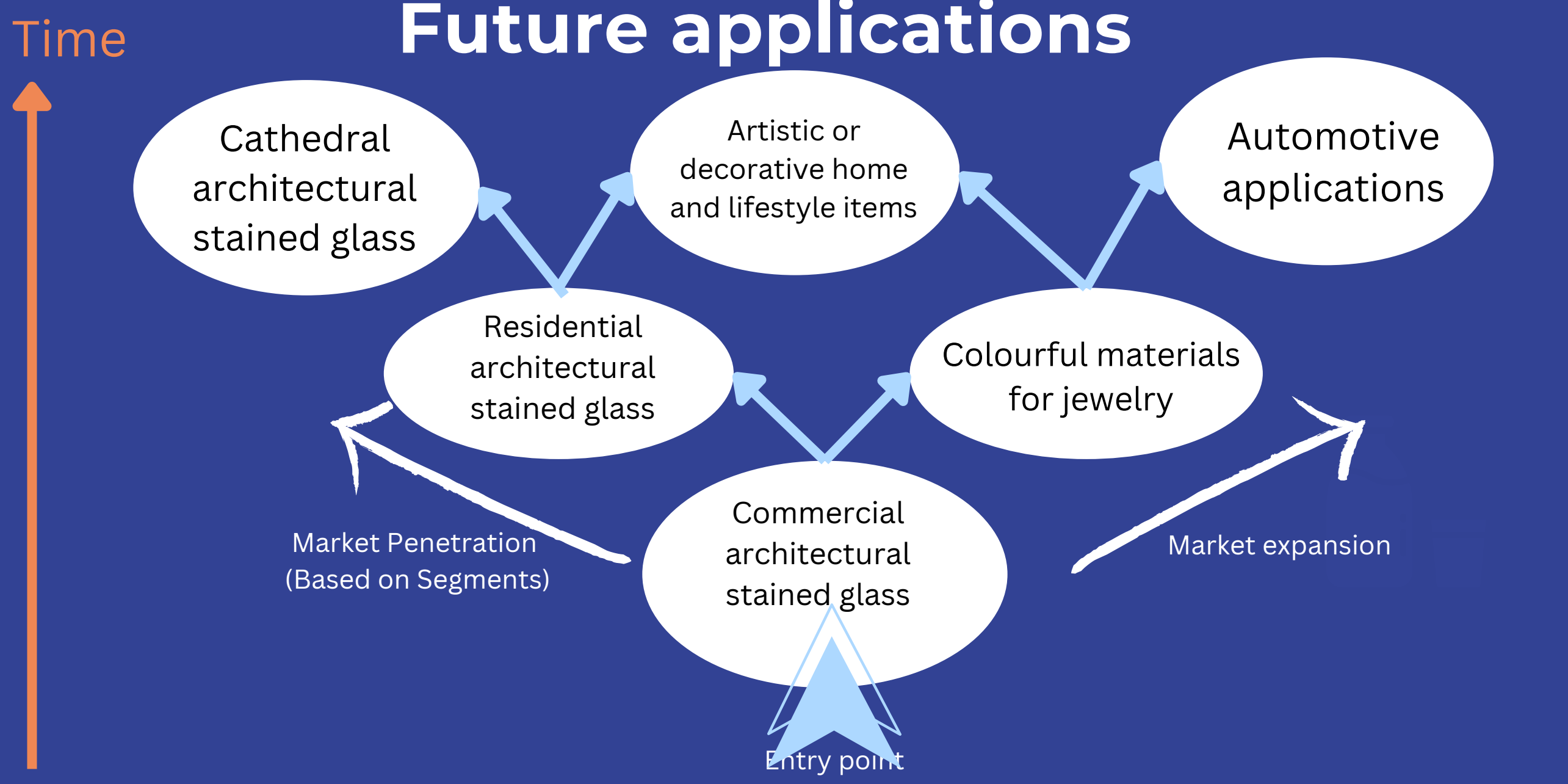


Competitors	Price	Mohs Hardness (Estimate)	Impact Resistance	Durability
Kokomo Opalescent Glass	\$\$	5	Low	Low
Bullseye Glass Co.	\$\$\$	6-7	Medium	High
Uroglas	\$\$\$\$	7-8	High	High
<b>Nanoceram</b>	<b>\$\$\$</b>	<b>6.5</b>	<b>High</b>	<b>High</b>

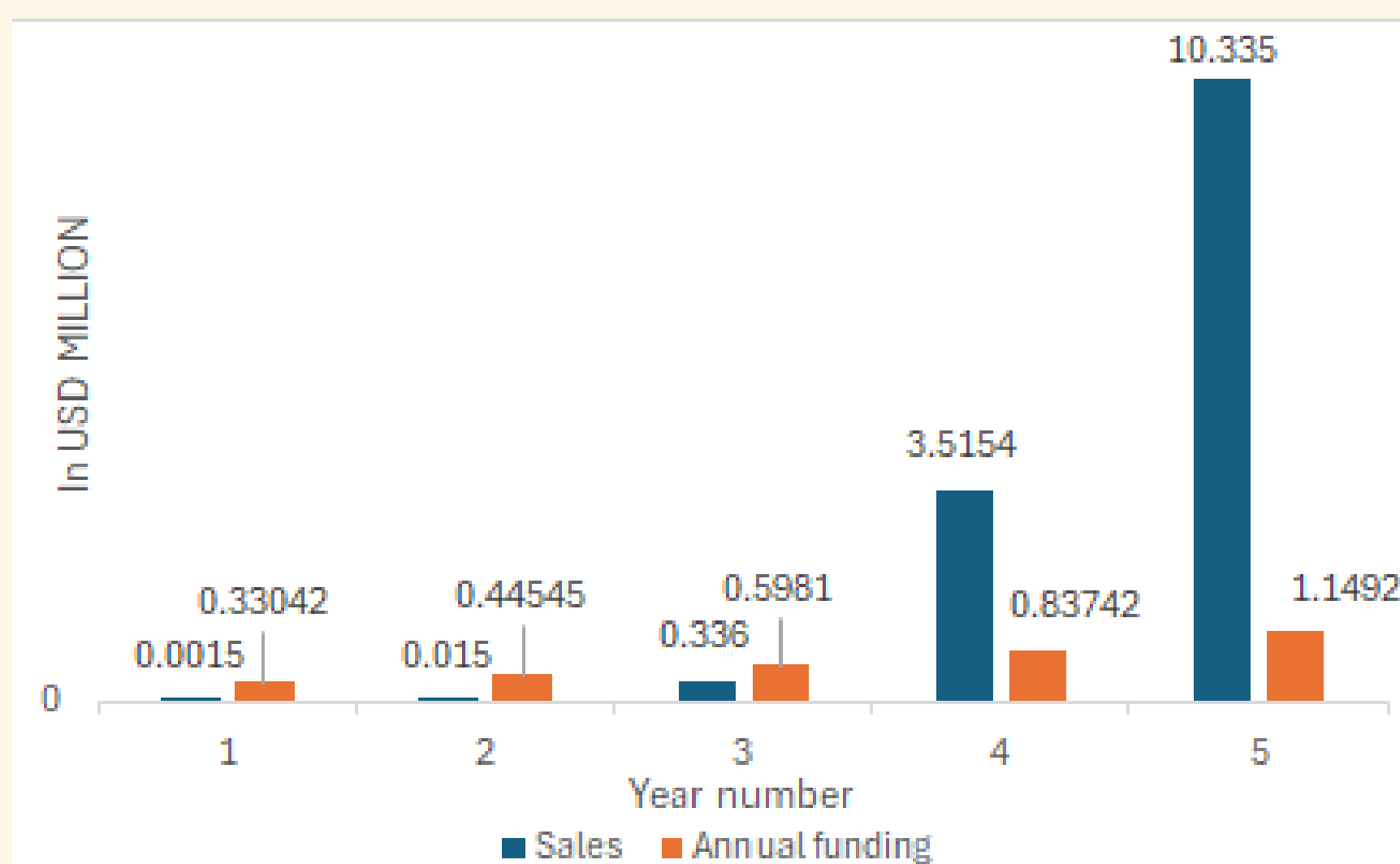
## MARKET SHARE



## Future applications



## FINANCIALS



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