



# Space evolution

BCG Perspective

JUNE 2024



# Objectives for today's



Highlight key **space industry dynamics**



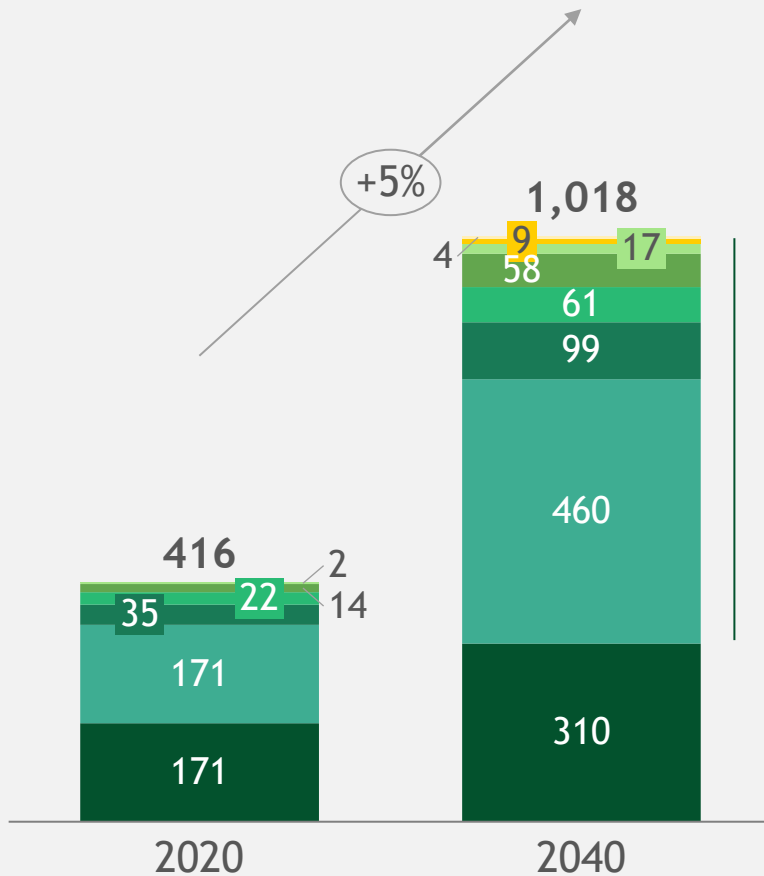
Discuss recent and **most relevant trends**



Summarize **funding evolution & opportunities**

# Space sector to grow fast to \$1T, opening opportunities for new applications

Space economy 2020 vs 2040, \$B

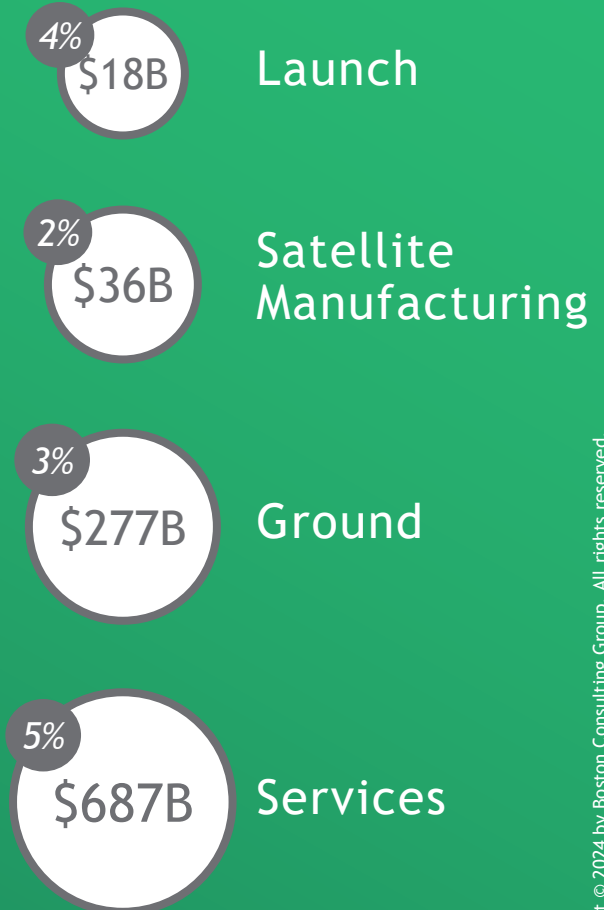


**5x**  
growth for fast-growing segments

**3x**  
growth for all segments except SatCom

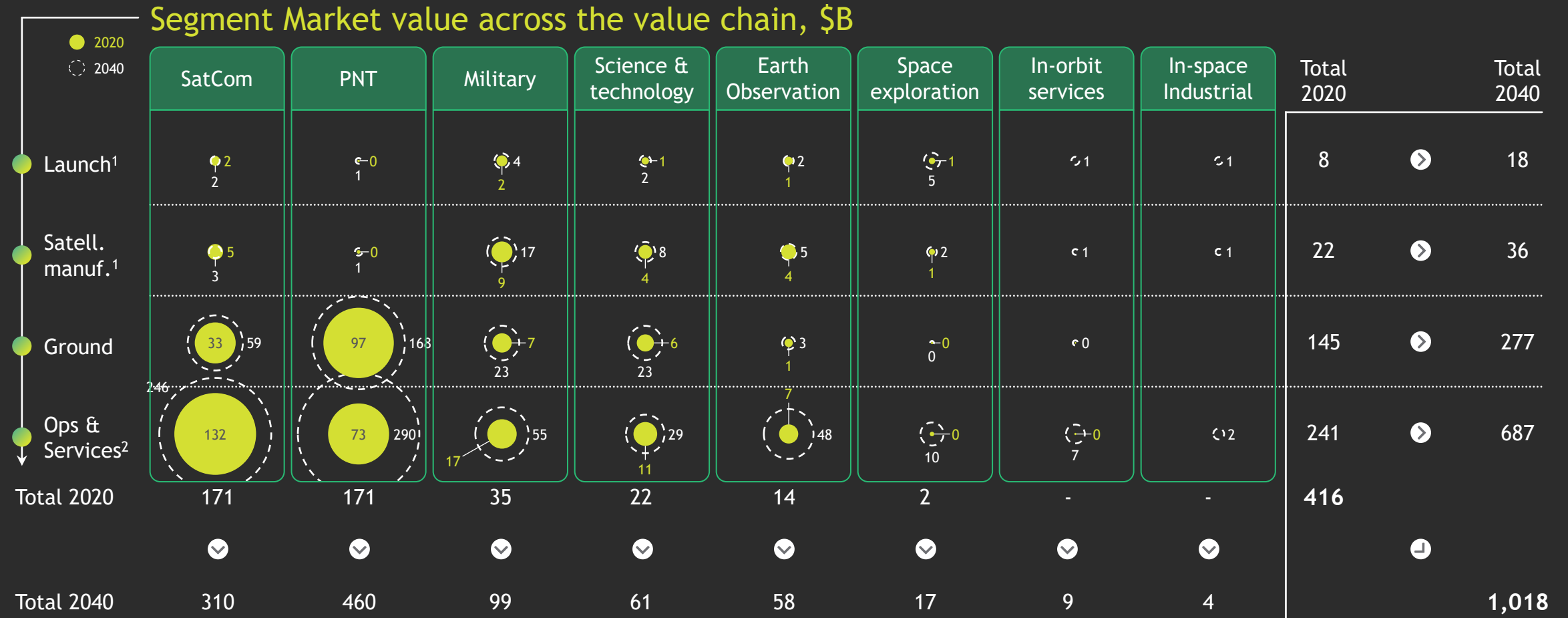
Segment	CAGR '20-40
In-space industrial	n.a.
In-orbit services	8%
Space Exploration	11%
Earth Observation	7%
Science & Tech	5%
Military	5%
PNT	5%
SatCom	3%

## 2040 space sector value chain



Source: FAA Compendium; Euroconsult; The Space Report; Space Foundation; Governments & Space Agencies Budgets; BCG Analysis

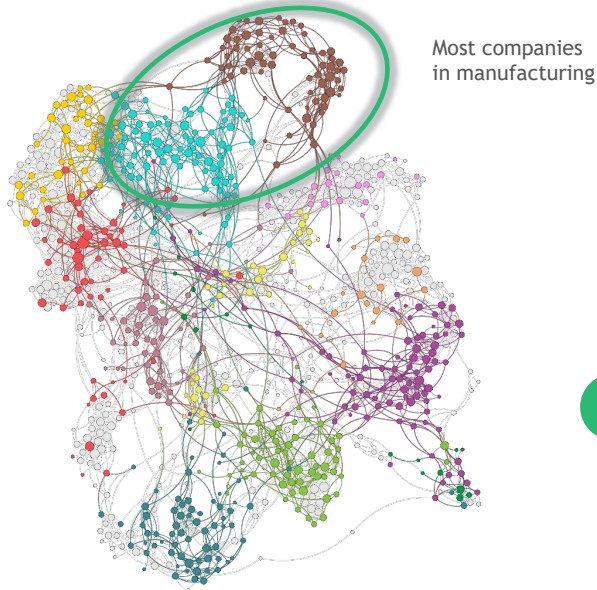
More established sectors to consolidate (e.g., SatCom), while new ones to appear (e.g., EO, Space Exploration)





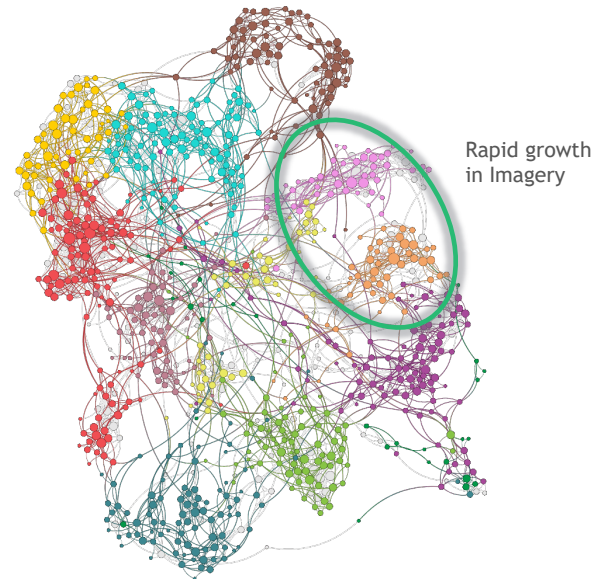
# Space industry has grown by 50% over last decade from 600+ active space companies in 2012 to 1,000+ in 2022

2012  
623 total companies



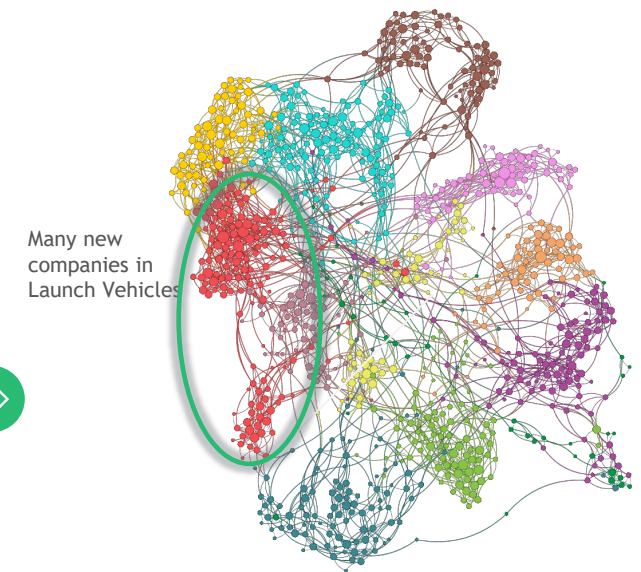
- Most activity per 2021 in the **Satellite Suppliers** segments
- Very few companies established in **Earth Observation and EO Analytics**

2017  
823 total companies (+30%)



- Major development in **Earth Observation and EO Analytics** of x2.4
- Growth of 94% in **Launch Vehicles**

2022  
1,000 total companies (+20%)

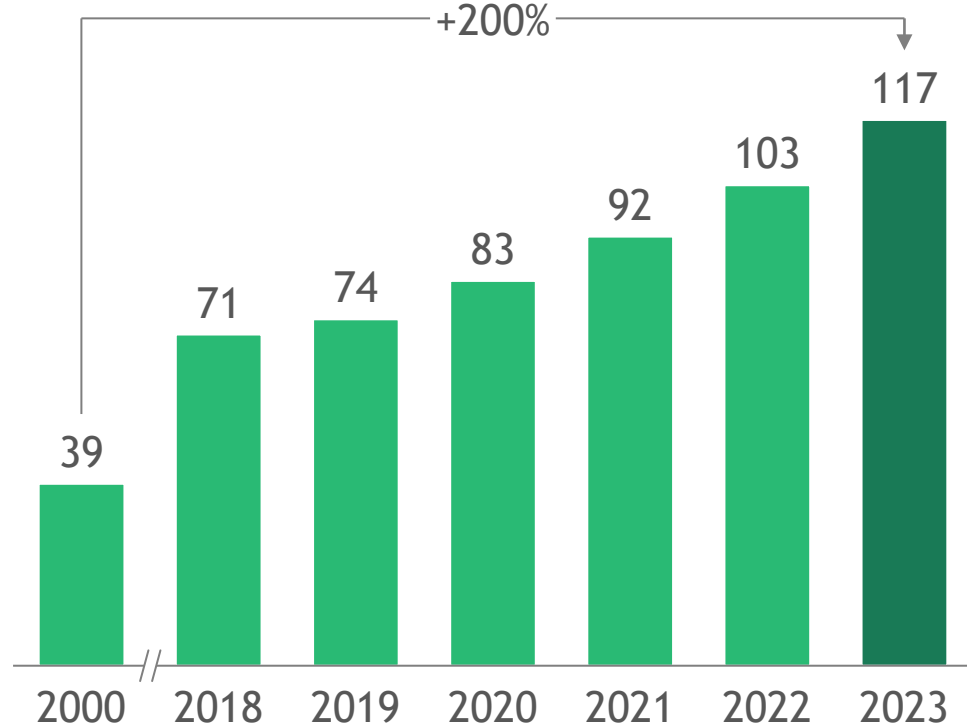


- 36% growth in **Launch Vehicles**
- Expansion in **Space Situational Awareness (SSA)** of 34%

Note: Nodes represent companies. Node size equates to degree of similarity to cluster  
Source: Quid; BCG analysis

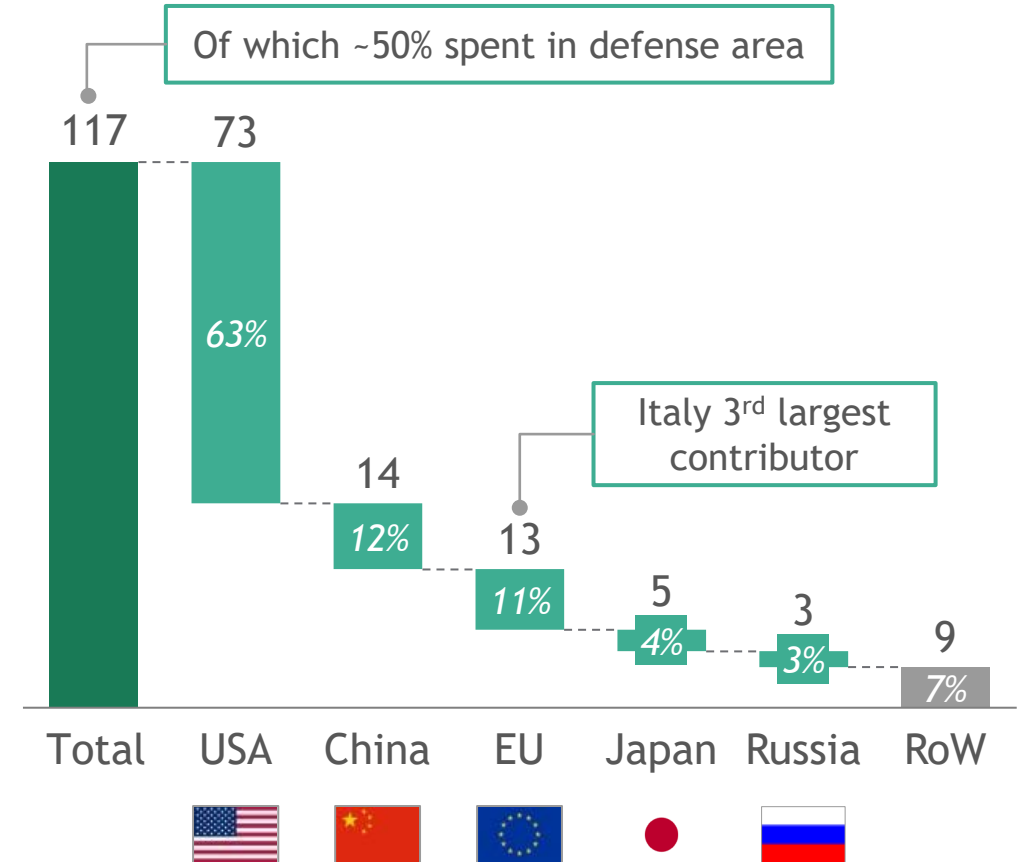
# Government spending topped \$117B in '23, US leading with >60%

Space expenditures evolution, \$B



**<40** ————— Number of countries investing in space doubled ————— **>80**

Space expenditures in 2023 by country, \$B



# EU space industry today already with relevant impact...

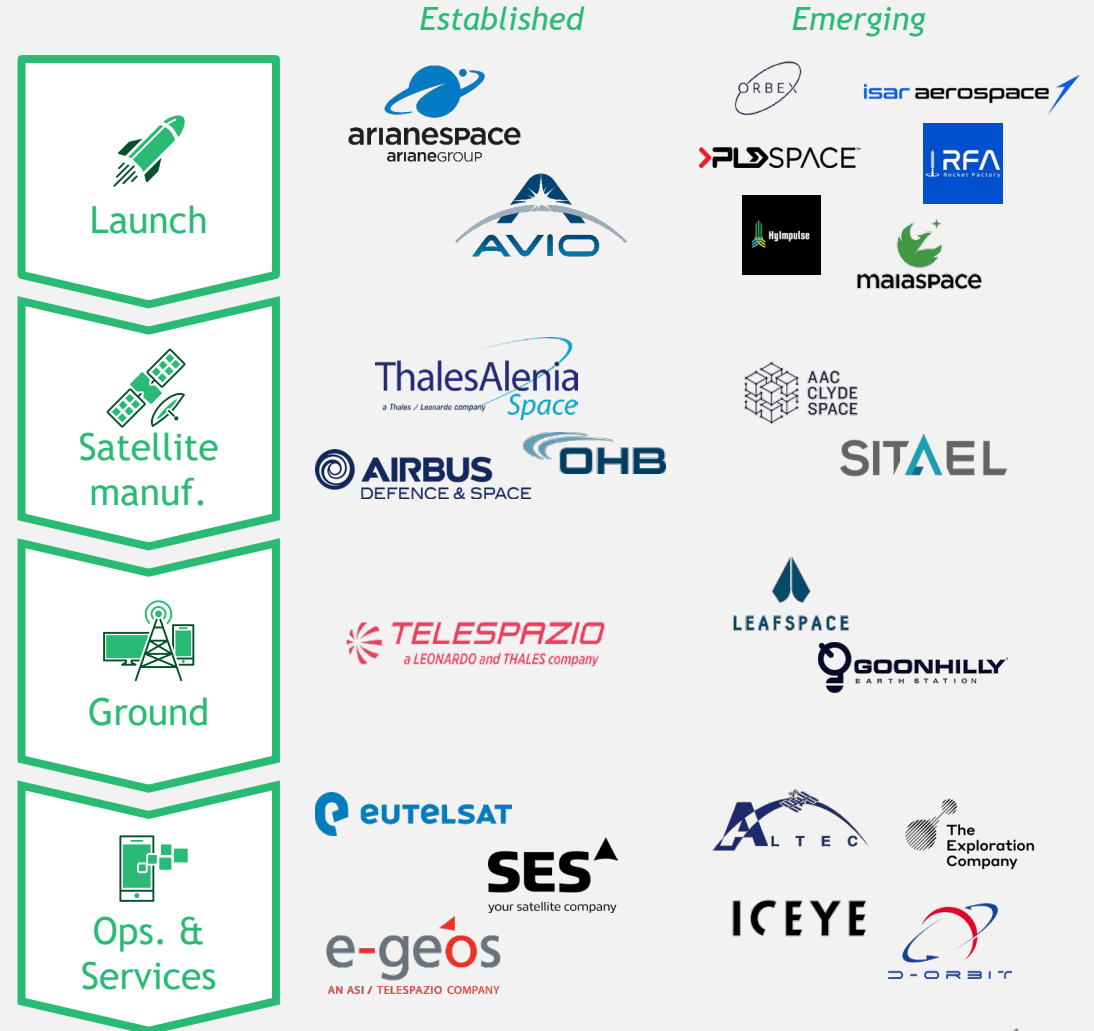
**8 €B**  
Sales

**+200**  
companies

**57k**  
FTE

Source: Eurospace - "Facts & Figures" - July 2023

# ...yet only few large players, an opportunity to double down?







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