



# THE EUROPEAN GATEWAY TO SPACE

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Milan Stock Exchange

Ticker: AVIO.MI – ISIN: IT0005119810

[avio.com](http://avio.com)





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# Avio: the European pure player in Space launchers





European heavy launcher (10.5 tons in GTO)

**Avio: Strap-on boosters**

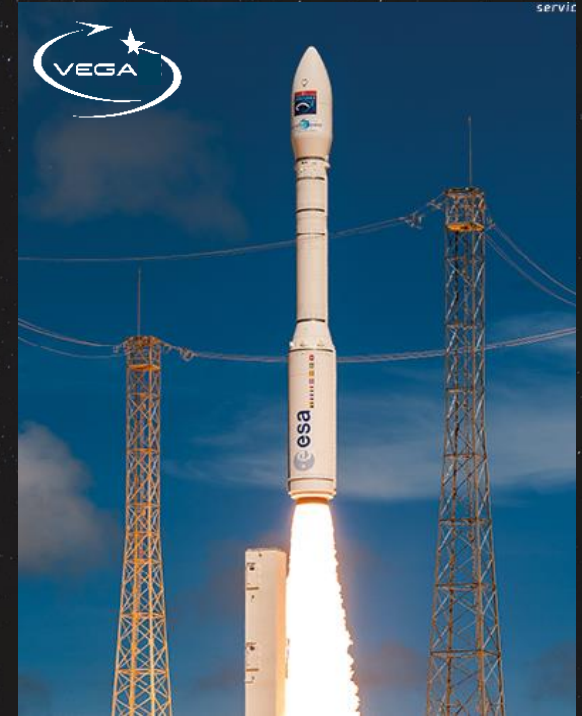


<b>300 € Mln</b> Mkt Cap	<b>1,000</b> Employees
<b>65%</b> Free Float	<b>4%</b> Mgmt Share





**NEW 2022**



European light launcher (1.5 tons in LEO)

**Avio: System integrator**







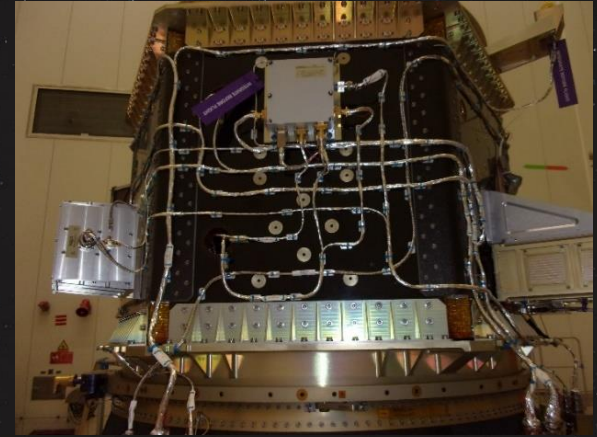
# Vega flights focused to capture smallsats market thanks to innovative payload adapters like SSMS



**Vega VV16 liftoff**



**SSMS structure and  
orbital release**



**SSMS derived HEXA  
structure launched on VV18**



# Space launch demand growing fast in the LEO segment



## World total mass at launch (tons)

X = CAGR

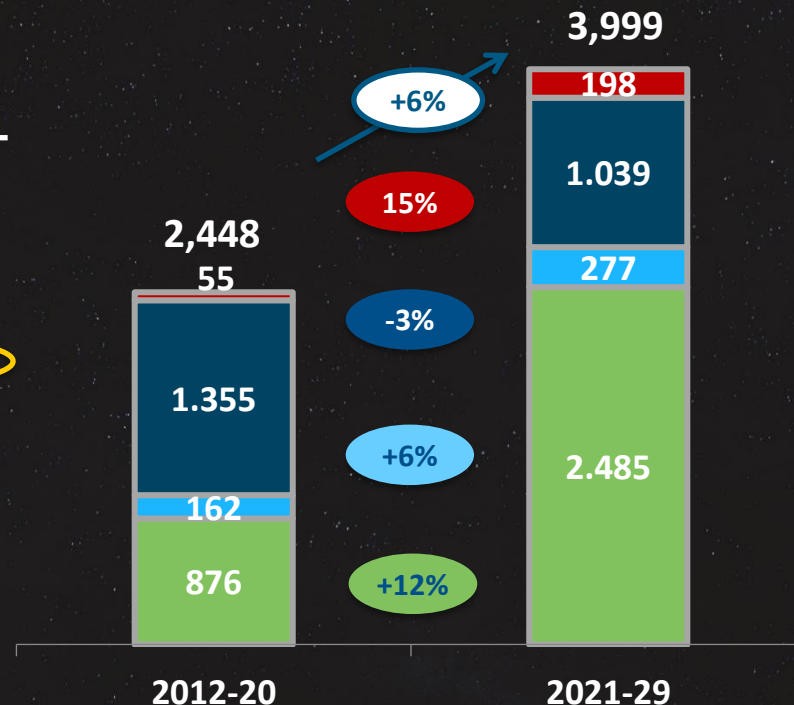
### Orbit segment

Other -  
Exploration

GEO

MEO

LEO



### Typical applications

- Space Exploration
- Traditional Telecommunications
- Navigation
- Broadband connectivity
- Defence Intelligence
- Climate monitoring
- Mobility tracking
- Search and Rescue



# European Launchers – product range evolution roadmap



Capacity  
Reference Orbit

10,5 t  
GTO

1,5 t  
LEO

SSMS  
Payload  
Adapter

6 t  
GTO

11 t  
GTO

2,3 t  
LEO

0,8 t  
LEO  
Launch &  
Re-entry

2,8 t  
LEO

12 t  
GTO



P120

P120

P120

TODAY

2022

2023

2025

Ariane 5

Vega

Ariane 62

Ariane 64

Vega C

Space  
Rider

Vega E

A6 Evo

Established legacy and  
track record

Commonalities and cost  
reduction

Broader offering and  
further cost reduction



# Increasing performance at a lower cost with the evolutions of Vega



**LEO  
Performance**

**1.5 Tons**

**2.3 Tons**

**2.8 Tons**



**VEGA  
today**

**VEGA C  
2022**

**VEGA E  
2025**

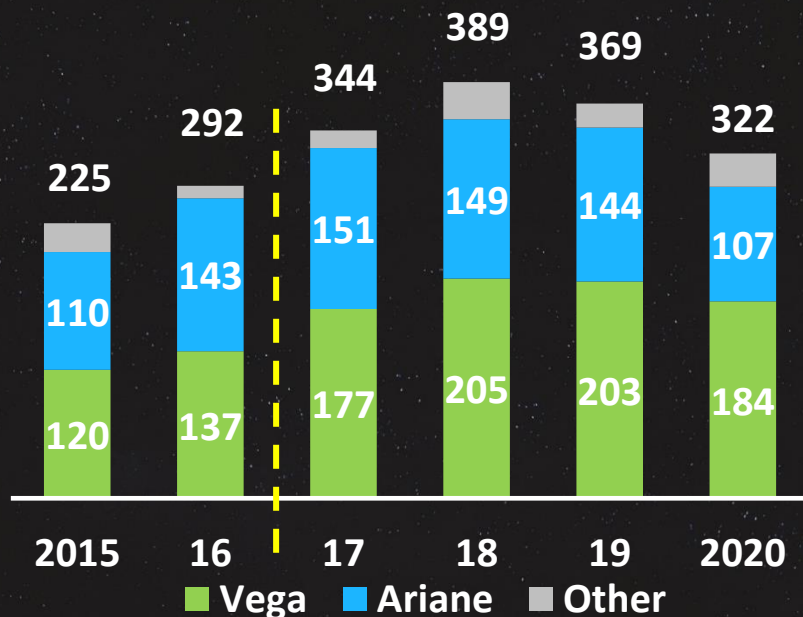




# Revenues and EBITDA

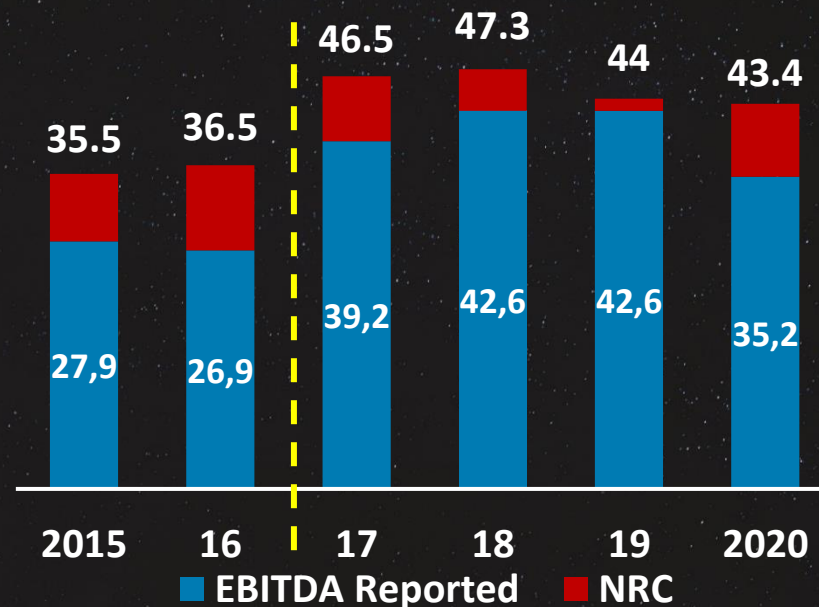


## Revenues (€ M)



! = IPO

## EBITDA Reported and Adjusted (€ M)

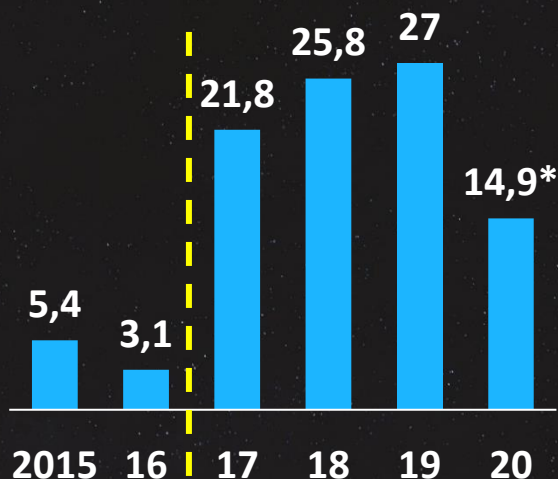




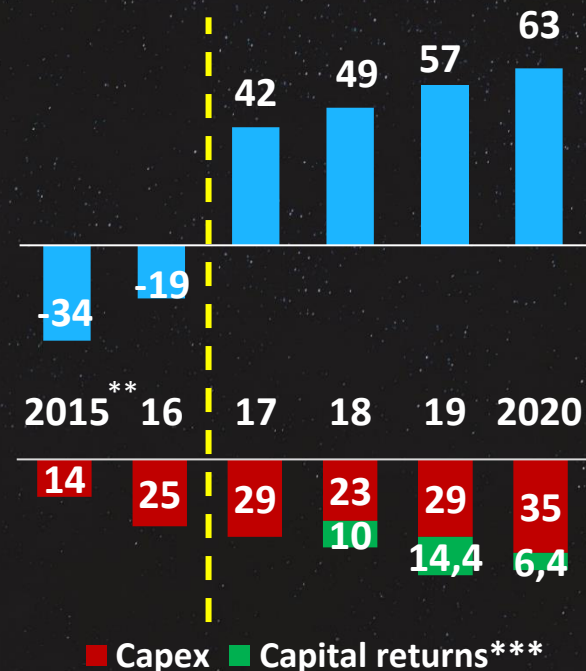
# Earnings and Cash



## Net Income (€ - M)



## Net Cash Position (€ - M)



! = IPO





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THANK YOU

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