



THE EUROPEAN GATEWAY TO SPACE

Avio presentation to
United Nations Office for Outer Space Affairs (UNOOSA)

Vienna, Feb, 10th 2023

avio.com



Avio: the European pure player in Space launchers



European heavy launcher (10.5 tons in GTO)

Avio: Strap-on boosters



+250 € Mln

Mkt Cap

+1,200

Employees

~60%

Free Float

4%

Mgmt Share



NEW 2022-23



European light launcher (2.3 tons in LEO)

Avio: System integrator

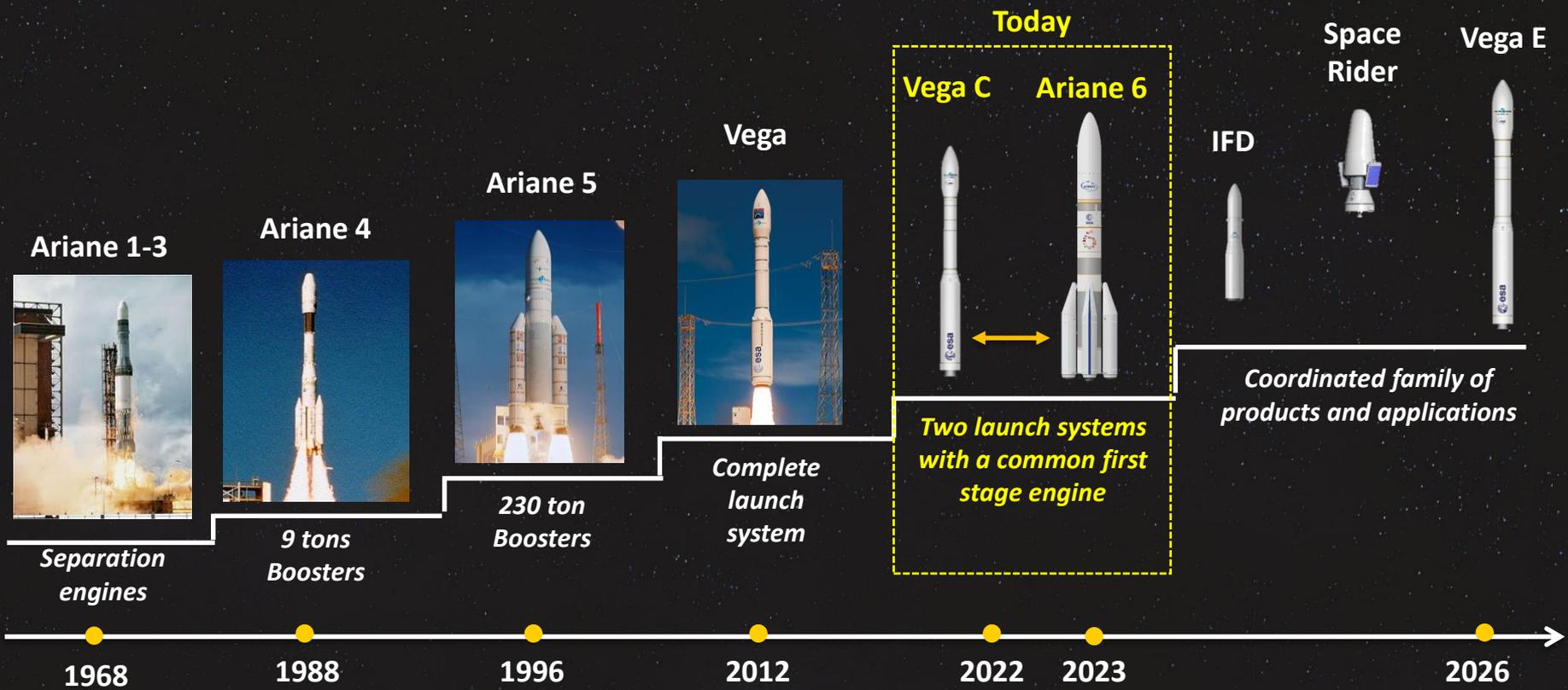
The launch segment : the gateway to the Space economy worth almost 400 \$ Bn



Global space value chain (2021)



50 years of track record in Space launch



Industrial operations in Europe and French Guiana



Main stage integration



Propellant mft & casting

 Colleferro, Rome
(GMT +1) N41.727 E13.0030

- SRM design, production
- Mission analysis
- Flight Software
- Stage integration
- Testing



SRM Manufacturing

 French Guiana
(GMT -3) N4.003 E52.999

Avio runs three facilities at the European Spaceport :

- SRM casting and integration
- Vega launcher operation

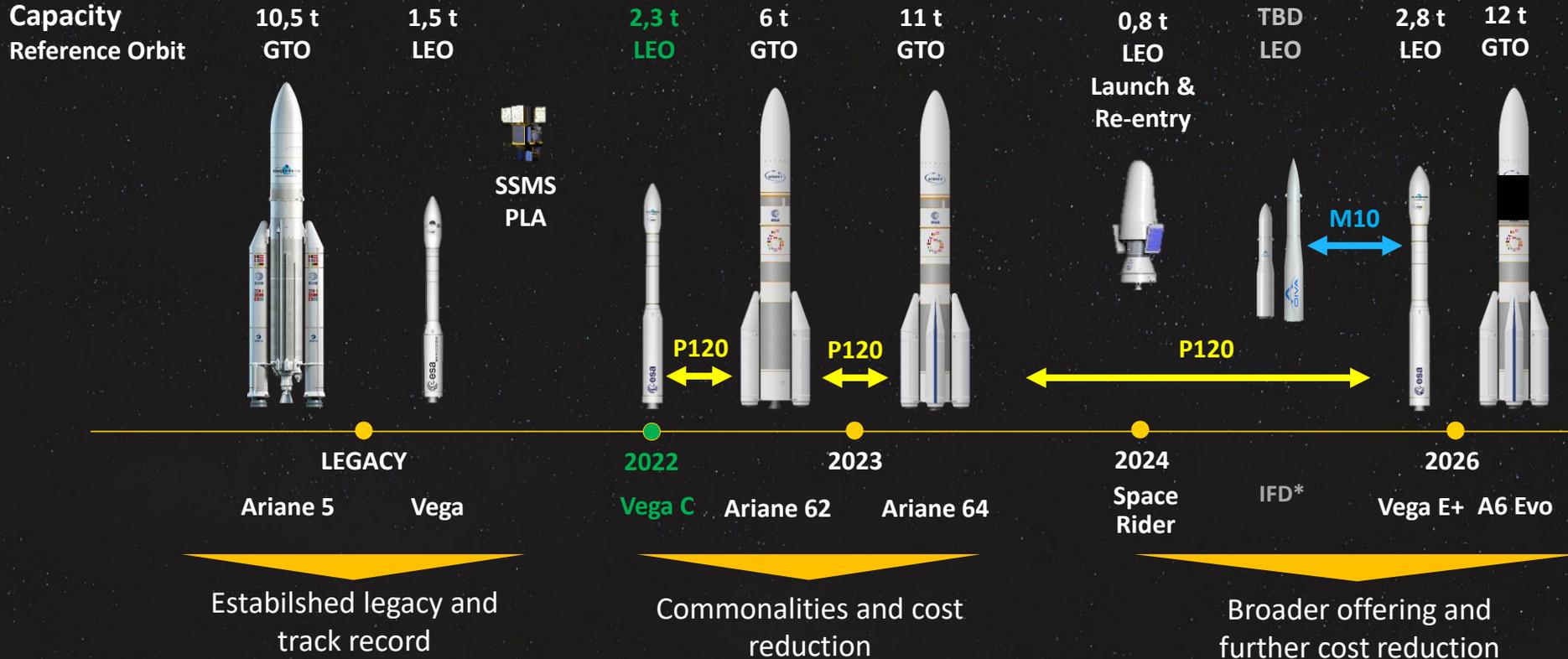
 Paris
(GMT +2) N48.856 E2.351

Large SRM
design/integration



Upper stage integration

European Launchers – Product Range Evolution Roadmap



Vega C Maiden Flight on July, 13 2022 – The video



The Vega C Maiden Flight Video

Our Partnership with UNOOSA



The «Accessing Space with Vega C» Program will give the opportunity to Non-SpaceFaring Countries to develop their space capabilities

Avio, along with Arianespace (Launch Service Provider) and its Supply Chain, is giving the opportunity to launch free of charge 3 CubeSats on board Vega C

The Kenyan CubeSat is the first example of this cooperation

Other CubeSats will follow



THANK YOU

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