



Affordable launch solutions for the New Space Economy

ESA PHIWEEK

 ESA-ESRIN, Frascati — 12 November 2018

01

VEGA KEY FIGURES





VEGA KEY FIGURES



Performance

1.5

Tons in SSO

2.0

Tons in LEO

2.6

Meters Fairing

Configuration

3

Solid Stages

5

Times Re-ignatable Upper Stage



VEGA KEY FIGURES



Track Record

2012
Maiden Flight

12
Successful Launches

100%
Success Rate



02

INSIDE THE FAIRING



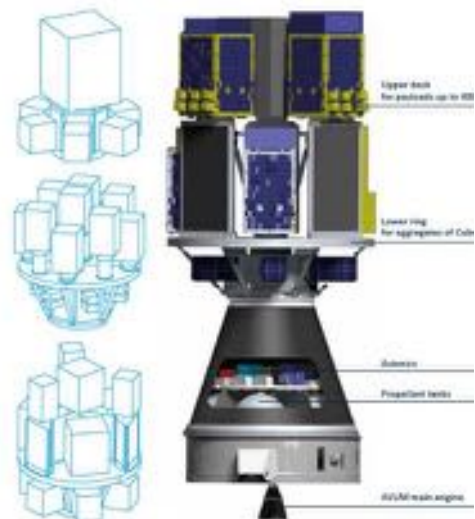
THE SMALL SPACECRAFT MISSION SERVICES

Introducing SSMS

- SSMS (Small Spacecraft Mission Services) is the Vega service for launching clusters of small satellites requiring a competitive, reliable and accurate access to the destination orbit.
- Thanks to the extreme versatility of the AVUM upper stage, Vega can release a large number of payloads in different orbits
- SSMS will fly for the first time on Vega mid-2019 and then on Vega C in 2020



SSMS/Avumw orbital kit for releasing sats at different inclination/altitu



03

VEGA C

KEY FIGURES



THE VEGA C LAUNCH VEHICLE



VEGA-C KEY FIGURES



Performance

2.3

Tons in SSO

3.3

Tons in LEO

3.0

Meters Fairing

Schedule

2019

Maiden Flight

8

Times re-ignitable upper stage



04

VEGA C : INSIDE THE FAIRING





05

ARIANE 6

KEY FIGURES



ARIANE 6 KEY FIGURES

Performance

7

Tons in SSO (A62)

20

Tons in LEO

5.4

Meters Fairing

Schedule

2020

Maiden Flight



06

ARIANE 6 : INSIDE THE FAIRING

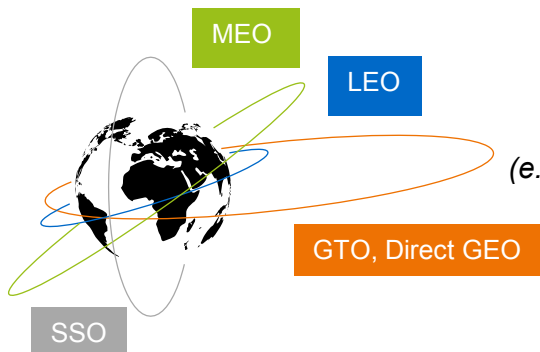


ARIANE 6 MULTI-LAUNCH SERVICE

Introducing MLS

- MLS is the piggy-back launch solution for Ariane 6 offering regular and steady opportunities for small-satellites
- Utilizing the spare capacity available for a main mission to LEO or GTO orbit, MLS will provide an affordable ride ticket to space to small satellites
- Attachment: radial or vertical
- Potential service customization

From 1U cubesats to satellites beyond 400 kg



ALL MISSIONS
Including combined missions
(e.g. multi-SSO ; GTO/direct GEO,)



MLS service available in July 2021