

ARIANESPACE



International Rideshares June, 2017

Stella Guillén
VP Sales and Marketing * s.guillen@arianespace.com

FAMILY OF LAUNCHERS

3 launchers to serve our customers:

ARIANE 5

HEAVY

Main applications:
telecommunications,
navigation, scientific
Missions, Earth observation

GTO **>10 MT**

LEO **20 MT**

SSO **>10 MT**

79

successes in a row
since 2002



SOYUZ

MEDIUM

Main applications:
navigation, scientific
missions, Earth
observation,
telecommunications

LEO **4.8 MT**

MEO **1.6 MT**

SSO **4.4 MT**

43

successful missions



VEGA

LIGHT

Main applications:
Scientific missions, Earth
Observation

The versatile light-weight
launch system

LEO **2.5 MT**

SSO **1.3 MT**

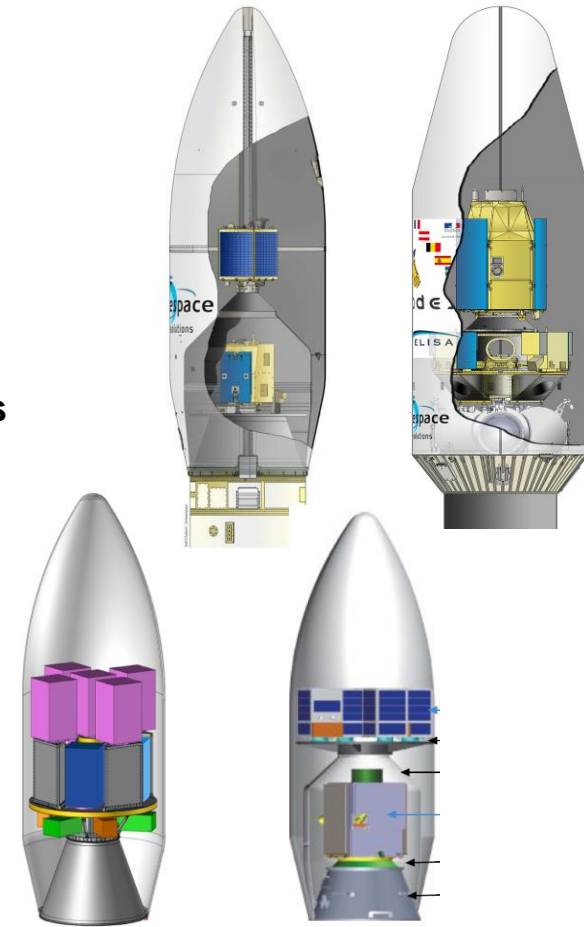
9

successful
missions since
2012



EXPERIENCE WITH SMALL SATS

- **> 30 years experience with multiple payload launch services using:**
 - The ASAP structure and more recently using the VESPA structure.
 - For the near future other structures such as the SSMS on VEGA
- **> 550 main payloads delivered for 90 Customers in 100 countries**
- **From single satellite mission to large constellations**
- **All sizes of payloads with wide range of orbit parameters: altitudes, inclinations, RAAN and interfaces needs**
- **A unprecedented reliability and on time delivery!**
 - 79 – ARIANE-5 successes
 - 43 - Soyuz successes
 - 9 - VEGA successes



2018-2019 RIDESHARE OPPORTUNITIES

VEHICLE / SITE	LAUNCH OPPORTUNITIES	LAUNCH PERIOD	ORBIT (TBC)
VEGA / Kourou	SSMS Proof of Concept flight	12-2018–5-2019	SSO LTAN 10:30 am Altitude: (500-550km)
Soyuz / Kourou	Dawn Dusk Mission	12-2018–5-2019	SSO LTAN 06:00 am Altitude TBD
VEGA-C / Kourou	SSMS flight on Vega-C	Q4 2019	SSO LTAN 10:30 am Altitude (500-550km)
ARIANE-5	GTO Mission	H2 2019	GTO

MISSION TO SUCCESS

