



Socio-economic impact assessment of the ARTES 4.0 programme

Case study portfolio

European Space Agency

13th December 2024

HummingSat ARTES Partnership Project

ESA-funded project with Swissto12 supports the fastest growing aerospace company in Switzerland

- Advancing the development of a first of its kind new product line of small flexible geostationary satellites



LEVERAGING ESA'S SUPPORT

- Facilitated Swissto12's pivot into the satcom market
- Long-lasting partnership with ARTES CC support since 2014, and HummingSat PP since 2022
- Transformed Swissto12 from small spacecraft components manufacturer to full GEO satellite prime contractor
- The ESA Partnership Project facilitates **shared risk management**, reducing the financial and technical burden on private companies encouraging innovation
- A dedicated ESA project team works with the company hand-in-hand supporting all **technical, product assurance and management areas**, and providing access to highly specialised experts
- Working with ESA and leveraging on ESA's network has helped to gain Satcom operator trust and secure commercial contracts

COMMERCIAL SUCCESS & GROWTH

4 satellites sold to Intelsat and Viasat



1st launch planned for 2026

€200+ million in commercial orders



Fastest growing Aerospace company in Switzerland – from <10 to 100 working on HummingSat



"The cooperation with ESA has been instrumental to achieve our commercial and development success so far"

EXPANDING EUROPEAN CAPABILITIES & COLLABORATION

- Reinforcing European leadership & innovation in satellite systems and technology
- Expanding the European supply-chain, and supporting Swiss and Subcontractors from 8 other member states production capabilities
- Swissto12 is strengthening European competitiveness as a market leader in next-generation satellite technology

TECHNOLOGY

APPLICATION

END-TO-END SYSTEM



→ THE EUROPEAN SPACE AGENCY



