



Socio-economic impact assessment of the ARTES 4.0 programme

Case study portfolio

European Space Agency

13th December 2024

RILDOS ARTES Core Competitiveness

RILDOS-based operations for telecom missions

- Orbital Whereabout Locator (OWL) facilitates small satellite tracking during initial deployment



LEVERAGING ESA'S SUPPORT

- €780K project funded by ESA
- Fostered collaboration with experts acting as mentors and partners
- Supported business growth from R&D to developing commercial products
- Continued support through participation in WISDOM and OCAD ESA missions, with €1.8 million of funding for expanding the solution



"This project was a very important milestone in our company's history"

COMMERCIAL SUCCESS & GROWTH

- In-orbit demonstration Nov 2023
- Launched in Wren-1 mission
- Scheduled for deployment on 5 satellites
- 7 OWL units already in use
- New customer market defined
- Approached by ESA to enhance solution

EXPANDING EUROPEAN CAPABILITIES & COLLABORATION

- Success of OWL product has led to space traffic management companies expressing interest in collaboration
- Strengthening of Hungary's ties with ESA enabling future collaborations
- Positioning of Hungary at forefront of space traffic management technology, elevating the prestige of Hungary in the space industry



TECHNOLOGY

APPLICATION

END-TO-END SYSTEM



