



Socio-economic impact assessment of the ARTES 4.0 programme

Case study portfolio

European Space Agency

13th December 2024

Commander ARTES Business Applications & Space Solutions (BASS)



Leveraging satellite data to transform port service trading in Finland

- A robust marketplace utilising satellite data and AI for optimising shipping efficiency

LEVERAGING ESA'S SUPPORT

- ESA facilitated access to data from the Sentinel fleet
- 50% of project funding provided by ESA (€3m)
- Support from ESA helped overcome barriers, keeping the project moving, and maximised commercial potential



"We are very grateful for the support we received, which has helped shape our initiative and without which we would not have been able to deliver our vision"

COMMERCIAL SUCCESS & GROWTH

Contract with Fintraffic: integrating into European Maritime Single Window



2 awards from 2023 Ship Technology Excellence awards

One of 50 fastest growing technology companies in Finland



PIONEERING SUSTAINABLE SOLUTIONS

- Smart and optimised shipping to increase efficiency, reducing manual work and fuel consumption
- Reduce ship idling times to cut global shipping emissions by 10% by 2030 through AI-driven efficiency
- Received a logistics Impact Award for sustainability in maritime logistics



TECHNOLOGY

APPLICATION

END-TO-END SYSTEM



→ THE EUROPEAN SPACE AGENCY



