



# **Socio-economic impact assessment of the ARTES 4.0 programme**

## **Case study portfolio**

European Space Agency

13th December 2024



# VIDA ARTES Business Applications & Space Solutions (BASS)



Munich-based geospatial monitoring technology start-up is a growing global success

- Leveraging location based EO data to facilitate risk assessment for infrastructure investment across the world



## LEVERAGING ESA'S SUPPORT

- Feasibility study in 2018 100% funded by ESA (~ €199k), followed by demonstration study with 50% ESA funding (~ €644k)
- ESA assisted with user research and technical expertise, supporting the roadmap to product development
- ESA credibility helped with investor conversations and raising funding



*"In a very short while, VIDA has helped us with our National Electrification Planning and [...] our collaboration with them has been beneficial to the energy sector, to private investors, independent power producers and the Government of Sierra Leone"*

## COMMERCIAL SUCCESS & GROWTH

€3m revenue annually



Winner of PARSEC Accelerator competition

>200 users in >15 countries



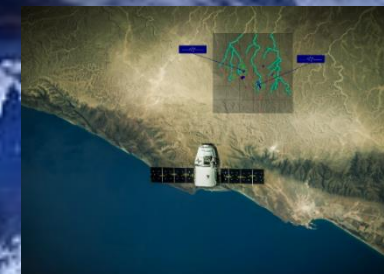
€3m investment from Cusp Capital

Expected project ROI increase >200%



## SUSTAINABILITY IMPACT

- Targeting universal access to affordable energy and increasing the renewable energy of global energy
- Expanding infrastructure and upgrading technology for sustainable energy services in developing countries
- Rapid site identification, energy demand assessment, and environmental risk evaluation for off-grid energy planning



TECHNOLOGY

APPLICATION

END-TO-END SYSTEM



→ THE EUROPEAN SPACE AGENCY





