

IAF SYMPOSIUM ON INTEGRATED APPLICATIONS (B5)
Integrated Applications End-to-End Solutions (2)

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SPACE APPLICATIONS IN SUB-SAHARAN AFRICA HAVE IMPACT ON MORE THAN A DOZEN
SUSTAINABLE DEVELOPMENT GOALS

Abstract

ESA Space Solutions produced several case studies analysing projects which had turned global challenges into business opportunities – with statistically significant SDGs effects. The case studies take a closer look at two out of 17 of the ESA projects implemented in Sub-Saharan Africa.

CASE STUDY: Sway4Edu ,

Combining operational and human aspects from the start was key in improving learning processes, boosting the interest of teachers and children developing IT skills. In order to support e-learning services and internet access in rural schools of developing countries Sway4edu developed a satellite ICT (Information and Communication Technology) solution, with the necessary tools and methodology to integrate it into daily life.

The research found a significant impact on the SDG indicator related to internet access for educational purposes in the countries receiving the application.

CASE STUDY: SatFinAfrica ,

SatFinAfrica is a project set up to provide reliable and secure financial services in remote/underserved areas in African emerging countries. It enables secure and reliable financial applications such as money transfers, via a satellite-based telecommunication platform.

The data used for this case study was expressed as remittances, received as a percentage of GDP (remittances are funds transferred from migrants to their home country). Significant impact was observed in the countries receiving this application. This is linked to SDGs Indicator, remittances volume.