



WEHUBIT

Project name

AfriScout

Country

Tanzania



Implemented by



AFRISCOUT

Budget

350,000 €

Duration

06/2019 – 06/2021

Contribution to SDGs



Implemented by



Financed by



CHALLENGES

Traditional livestock herders, known as pastoralists, serve as the primary custodians of Tanzania's grasslands - one of the most important ecosystems and a critical resource for addressing climate change.

However changing climatic conditions, coupled with the limited field of vision when using traditional methods of finding pasture, has severely limited the predictive capacity of pastoralists in effectively managing herd movement.

As a result, a typical household loses over a quarter of their livestock every year and rangelands continue to deteriorate.

DIGITAL SOCIAL INNOVATION



Realizing that pastoralists could make more intelligent grazing decisions with better data, AfriScout was created. AfriScout is a mobile subscription service using satellite imagery and crowdsourced indigenous knowledge to aid pastoralists in making more informed grazing decisions that restore rangelands, improve food security, and help poor families with positive climate change coping mechanisms.

The app acts as the "shepherds' eye in the sky" helping to optimize climate-smart management of rangelands and the lives of the people and livestock that rely on them.

WEHUBIT EFFECT



EXPANDED MAPPING

Support from Wehubit enabled the mapping and expansion to Simanjiro District, as well as enhanced map designations of protected grazing areas.

INCREASED ACCESS

Wehubit's contributions have helped to register over 2,700 new accounts which support over 19,000 pastoral households in Northern Tanzania.

BUILD FOR SUSTAINABILITY

The project could try out different revenue-based models to find a sustainable solution for the activities to continue after the Wehubit's support.

RESULTS ACHIEVED

The project worked with communities, traditional leaders and government representatives to refine and update grazing areas for three previously mapped districts (Longido, Moduli and Ngorongoro) and expand mapping to one additional district – Simanjiro. With 5,801 registered users, direct and shared access represent approximately 40,600 households (47% of all pastoral households within the 4 districts). The application has been directly used over 1,000 hours by pastoralists and several thousands more through inter-household sharing.

5,390,200 HA OF
RANGELAND MAPPED AND
SUSTAINABLY MANAGED

5,700 NEW AFRISCOUT
REGISTRATIONS

LESSONS LEARNED

1) Throughout the mapping process the project has incorporated stakeholders representing all parts of the ecosystem from traditional leaders to government officials to wildlife conservancies.

2) The project's financial sustainability relying on herders' subscriptions to generate revenues. As it turned out that pastoralist didn't have the sufficient resources, this strategy was revised. One of the solutions found was to set-up a partnership with an export certified abattoir in Northern Tanzania. The company will subsidize approximately 90% of the annual cost of a subscription for users in exchange for direct access to consistent and quality supply of livestock which have been sustainably raised using AfriScout.

WOULD YOU LIKE TO KNOW MORE?



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