

Innovation journey: Koalaa

Product: Affordable, easy to fit, upper limb, soft prosthetic.

Purpose: It's estimated 97% of amputees globally are without a prosthetic. In Sierra Leone the concentration of amputees is roughly 15x the global average. Prosthetics in low- and middle-income countries are often expensive, uncomfortable, with limited functionality. A lack of infrastructure and clinicians compounds access problems. Koalaa's modular, tailorable in-a-box solution is up to 20x cheaper than traditional approaches.

AT2030 impact: Driving end-to-end service from manufacturing to fitting and maintenance. Working with local partners to test and refine products for local preferences, and developing key partnerships to aid scalability and navigation of regulatory systems.

Future: Developed for use across Africa, Rwanda is the next priority, along with new payment and maintenance approaches.

Navigating regulatory systems

to overcome bureaucracy and local by-laws

Strategic partnerships

with local government and the Sierra Leone Department of Health

Regional refinement

aesthetically subtle prosthetics for outside use. Tool based solution for home

Local partnerships

user testing to create a collaborative design process

End-to-end service blueprint

test sustainable manufacturing, fitting and maintenance



Implemented by:

