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 then 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: