

An underwater photograph of a sea turtle, likely a hawksbill, caught in a dense, tangled green plastic net. The turtle's head and front flipper are visible, showing it is struggling. The background is a deep blue, slightly murky water.

4.600

sea turtles die annually due plastic ingestion in Mozambique



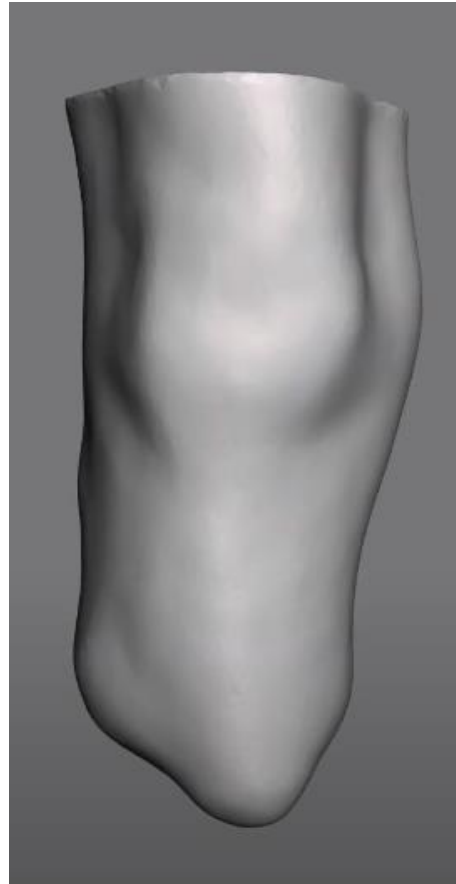
90%

of amputees in do not have access to prosthetics



How it works

OUR PROCESS



REGULAR PROCESS - MOLD > CAST > VACUUM FORM > FIT > ASSEMBLE > ADJUST > REPEAT



Potential

Maputo
500 users
Pilot



2021

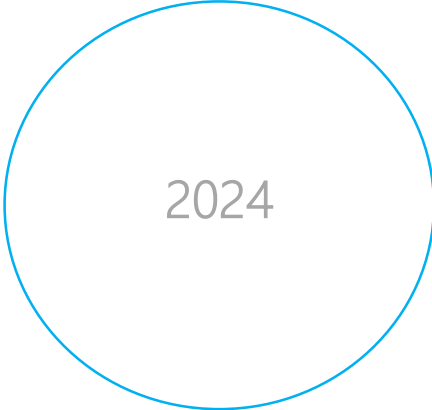
North
Mozambique
20% market
share
Target Market



2022

281.264
amputees

Southern Africa
1.000.000+
amputees
Scaling Market



2024

150K+

amputee people's life improved

Team



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CTO
IT Specialist



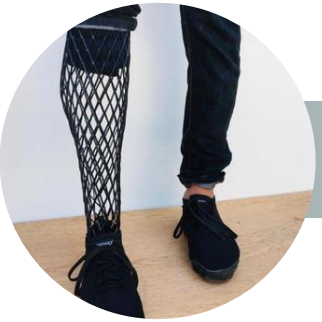
Dercia Rita
COO
Analytical Chemistry



Innovative design & 100%

45\$

to build 1 prostheses
(1000\$ conventional process)



4x4 prostheses

24h

to build 1 prostheses
(1080h conventional process)



Same prostheses can be rebuild 10 x

Feel and experience life with possibilities

Goals



Reuse 20% of plastic waste
from the most polluted beach
in Mozambique

4000 persons to experience life with productivity
and self esteem by 2022



BioMec is interested in create synergies to improve product and conduct large scale pilot