Camden Holm (BME), Yingbing Lu (ME), Elisheba Rowland (BBT) Advisor: Professor Helen Vassallo (Business) and Professor Jill Rulfs (Biology)

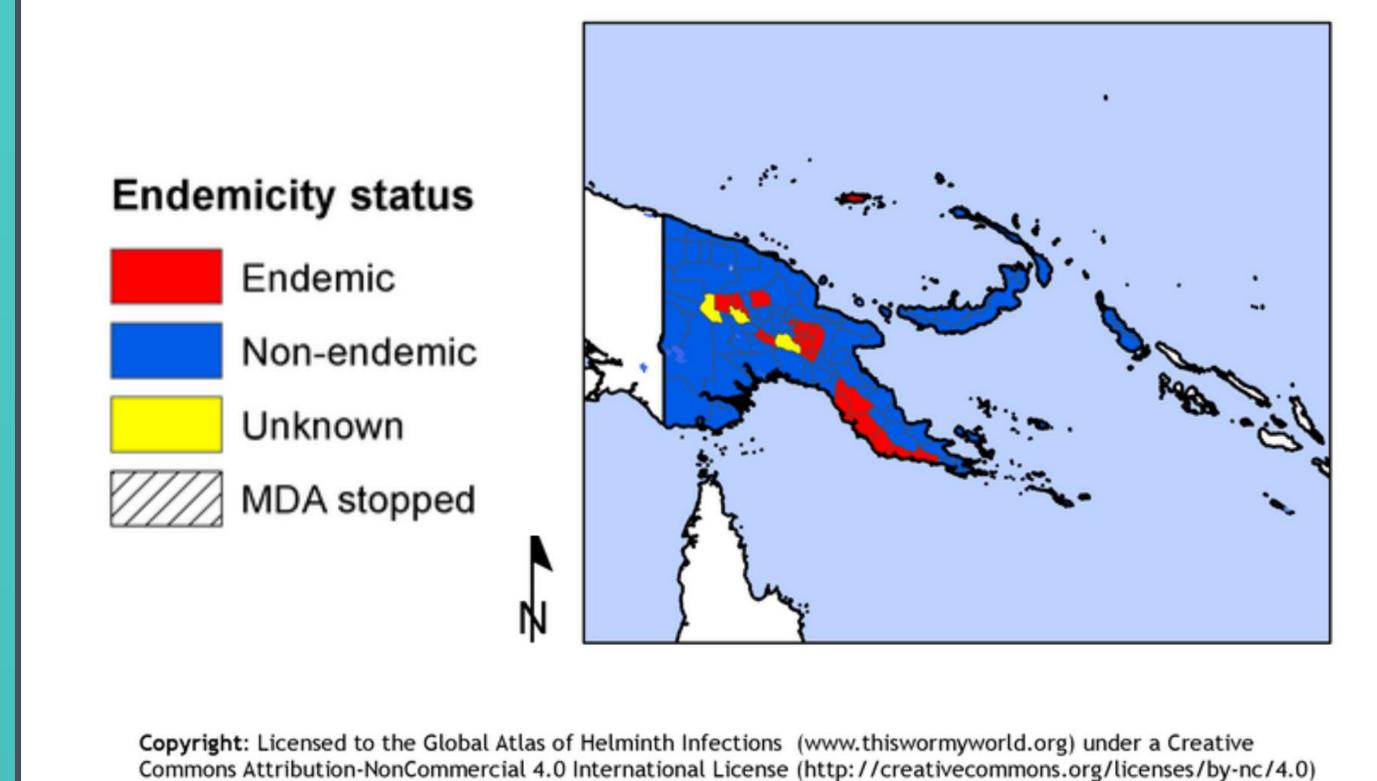
Background



Lymphatic Filariasis (LF)
Directly caused by hookworm



Soil-Transmitted disease



50% prevalence rate in Papua New Guinea Low life quality due to hookworm disease

Goal

Decrease the prevalence rate of hookworm disease on Karkar Island, Papua New Guinea

Methods

Send an educational team

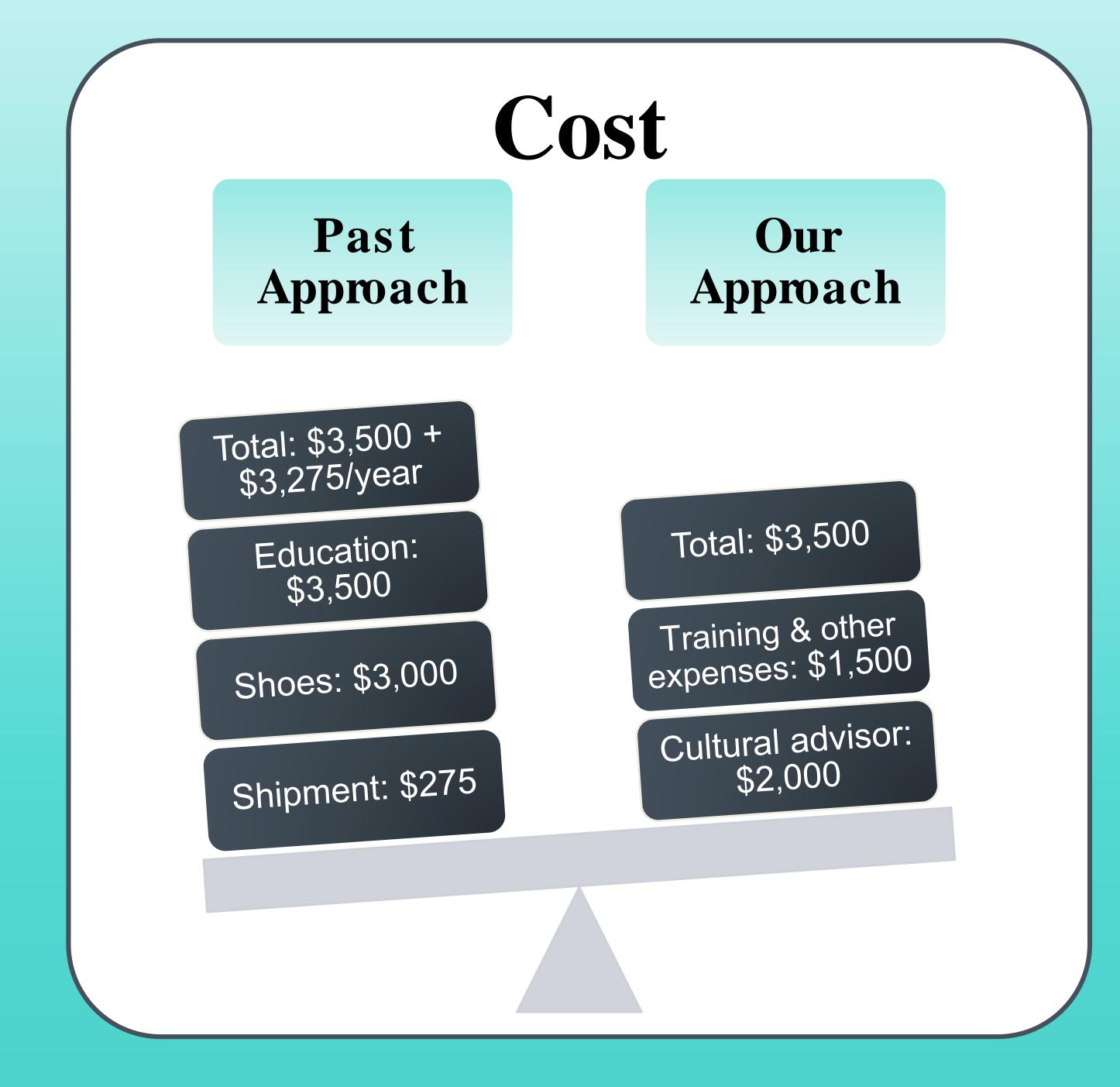
Train villagers on hygiene

Teach villagers on how to use local resources to make sandals



Build up a sustainable education system

Reference source distribution at distribution





% of population infected by hookworm vs. Year

