



## Description

An incubator deployed on the beach that **cools sea turtle nests**

## User Persona

**Marine biologists** and **conservation agencies** that monitor new sea turtle nests daily and provide annual reports

## Market

**14 million** in available Sea Turtle Research Grants

## Value Proposition

A cooling jacket that can be inserted around sea turtle nests to **rectify the sex ratio imbalance** caused by rising global temperatures

User need	Product attribute(s)	Engineering specification(s)
Easily deployed	Fabric	< 1 inch foam insulation with aluminum vinyl lining
Rectify the sex ratio imbalance	Temperature	Cools sand temperature to 27°C
Encompasses turtle nest	Dimensions	3ft deep, 1ft wide, 1ft long
Independently powered	Power source	< 30 W