## Rio de Janeiro Wastewater Treatment

## Goal:

Improve the overall quality of life in the Favelas by applying an efficient wastewater management system

## Problem:

- The favelas of Rio de Janeiro are plagued with pollution and disease due to a complete lack of a public sewage system

- Infant mortality rate $=4 \%$ in served areas as opposed to 23.9\% in favelas
- Favelas produce $557,000 \mathrm{~kg}$ of waste everyday - 1.4 million people live in the favelas in informal housing





## Chosen Solution:

Biodigesters


