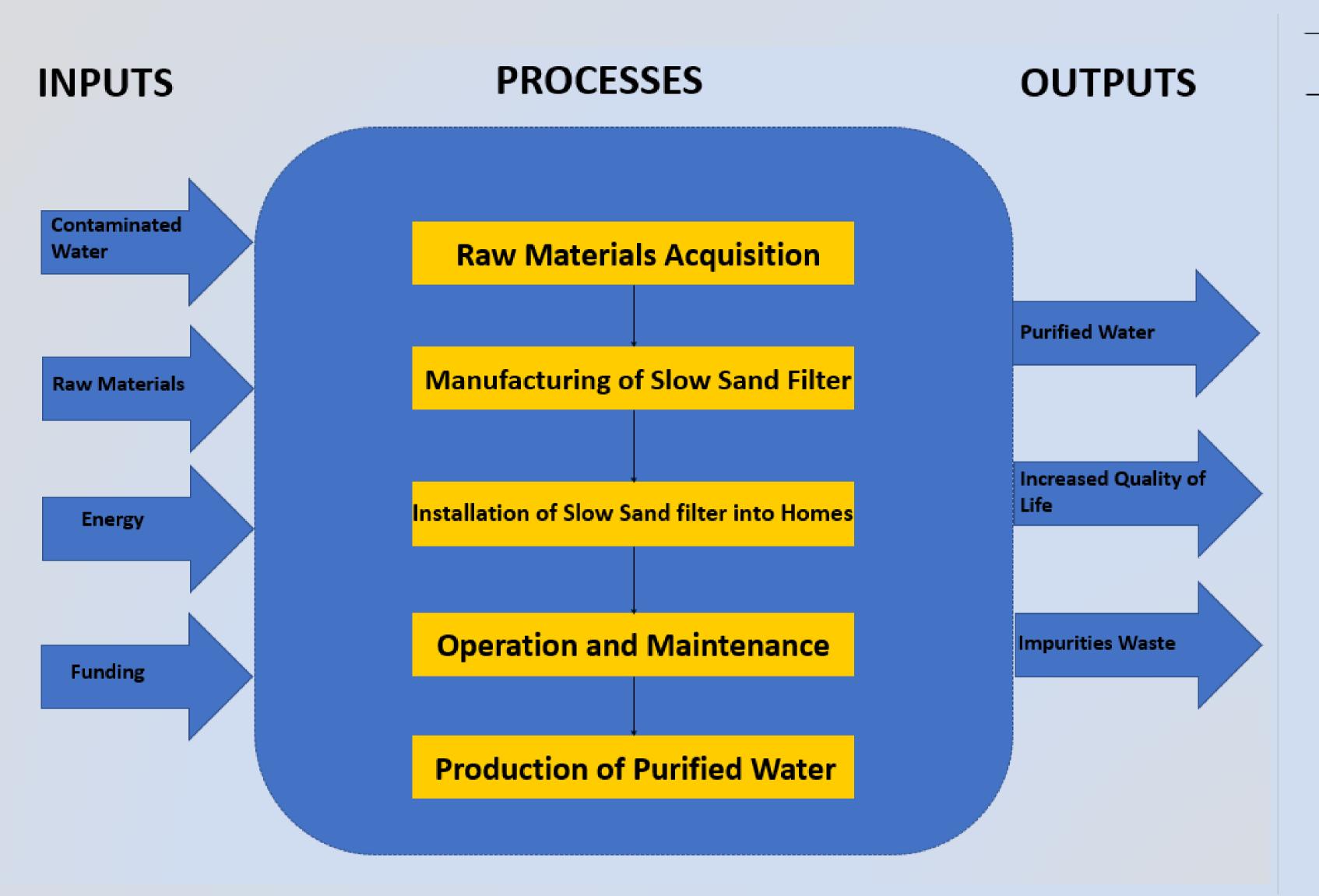
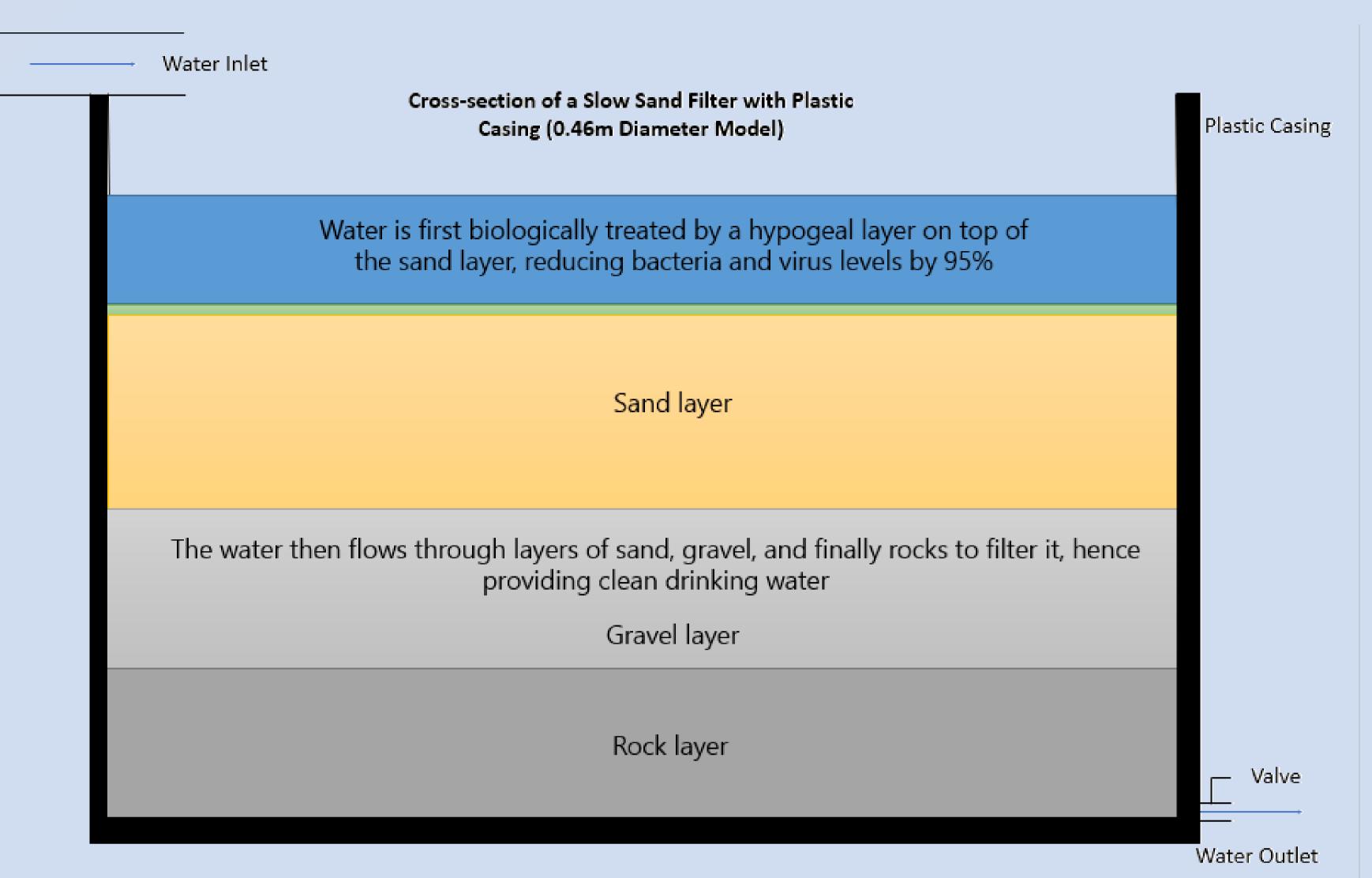
FOR USE IN TAMIL NADU, INDIA





0.46m

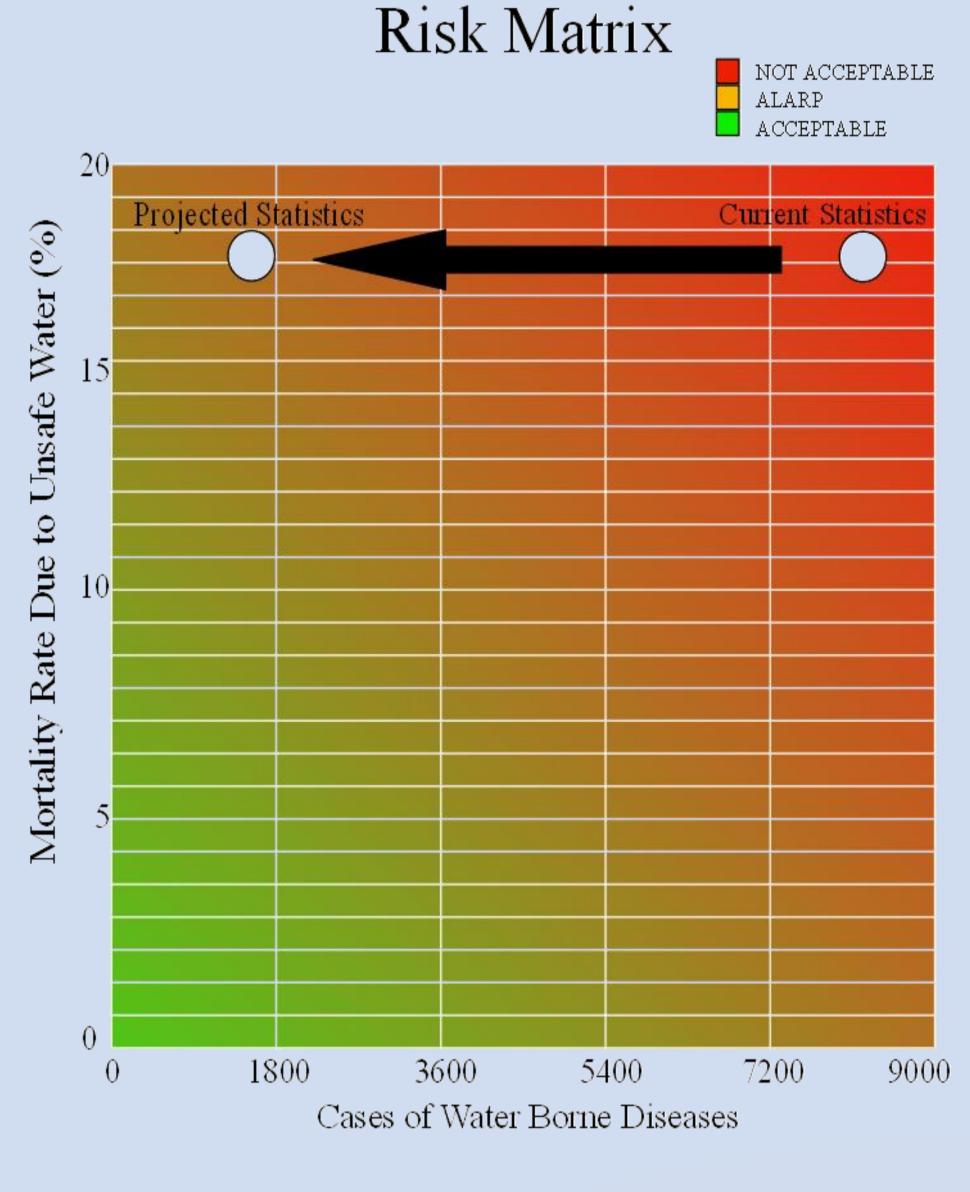
Estimated Trial Run Cost Estimated Cost per Filter

£45

Transportation, Installation & other expenses

£15

£15



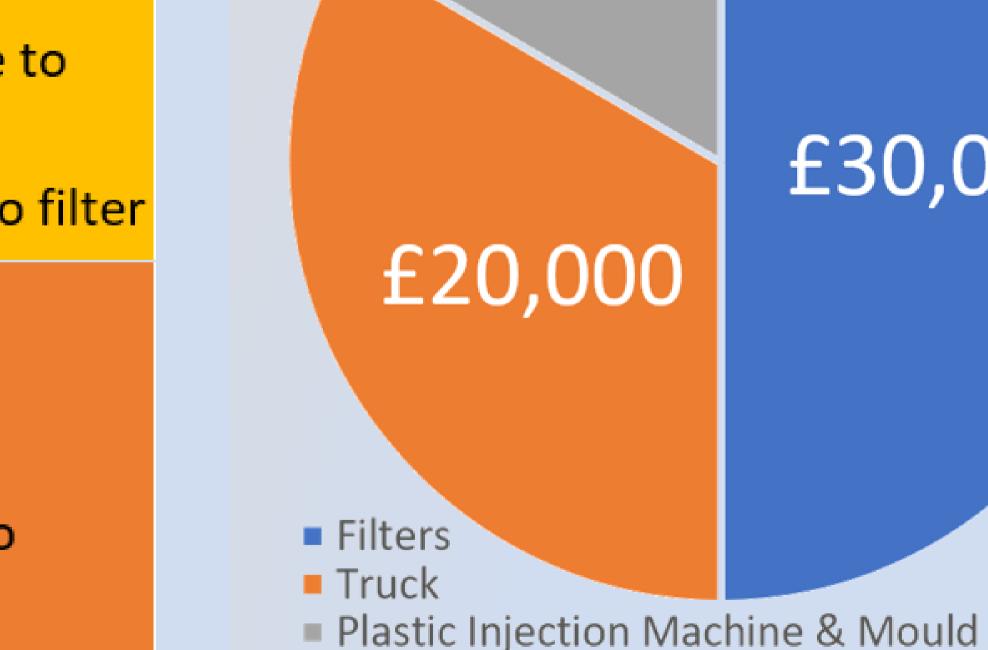
# STRENGTHS

- Long lifespan
- Easy to use and install using local materials
- No irreplaceable parts
- Inexpensive
- Reliable
- Improvement of filtration purity
- Product size can be adapted to be used in other areas of India and in other countries
- Funding grants and donations **OPPORTUNITIES**

## WEAKNESSES

- Does not filter to 100% purity
- Drought causes product to become ineffective
- Biolayer takes time to initially grow
- Water takes time to filter
- Low uptake by communities and government
- Communities fail to maintain product
- Drought

# **THREATS**



## Economics:

Manufactured locally

£10,000

Funded through charity, government agency funding, and local resident funding

Raw Materials

Manufacturing

£15 to provide clean water to a single person for 10+ years

£30,000

# "62 million working days are lost every year in India due to water related illnesses"

Our project aims to drastically cut this number to improve people's quality of life and the health of India's economy.



Business Project Awareness, Safety & Sustainability B49BC

Group 55: Andrew Hannigan, Blair McGilvray, Musaab Mohamed, Bethany Mulliner, Alex Swift Supervisors: Duncan Fraser, Lara Severne

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