



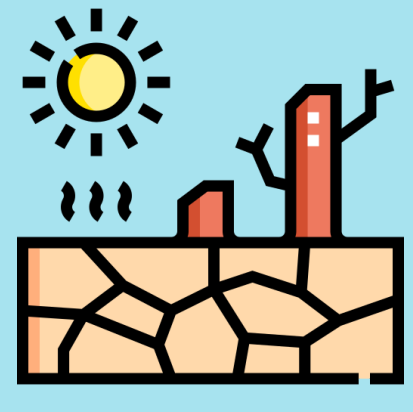
# Ripples of Change: Water Footprint Compensation Initiative at the Arab Academy

Empowering Communities, Preserving Resources, and Cultivating a Sustainable Future

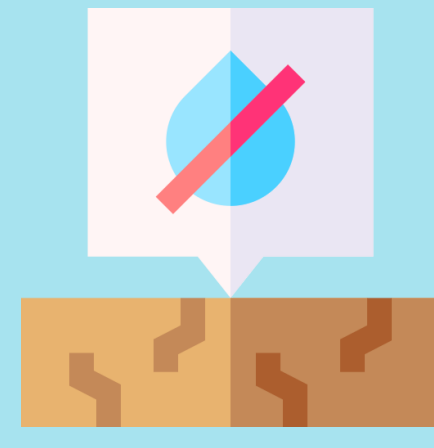
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## CHALLENGES



Increasing drought



Water deficit  
21 billion m3



Growing population



Luxurious urban expansions

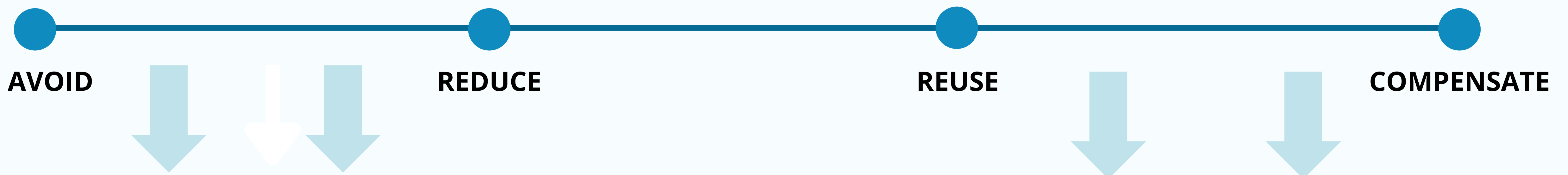


Overconsumption  
490EGP per student



Lack of awareness  
sustainable water use

## The Water Footprint Compensation

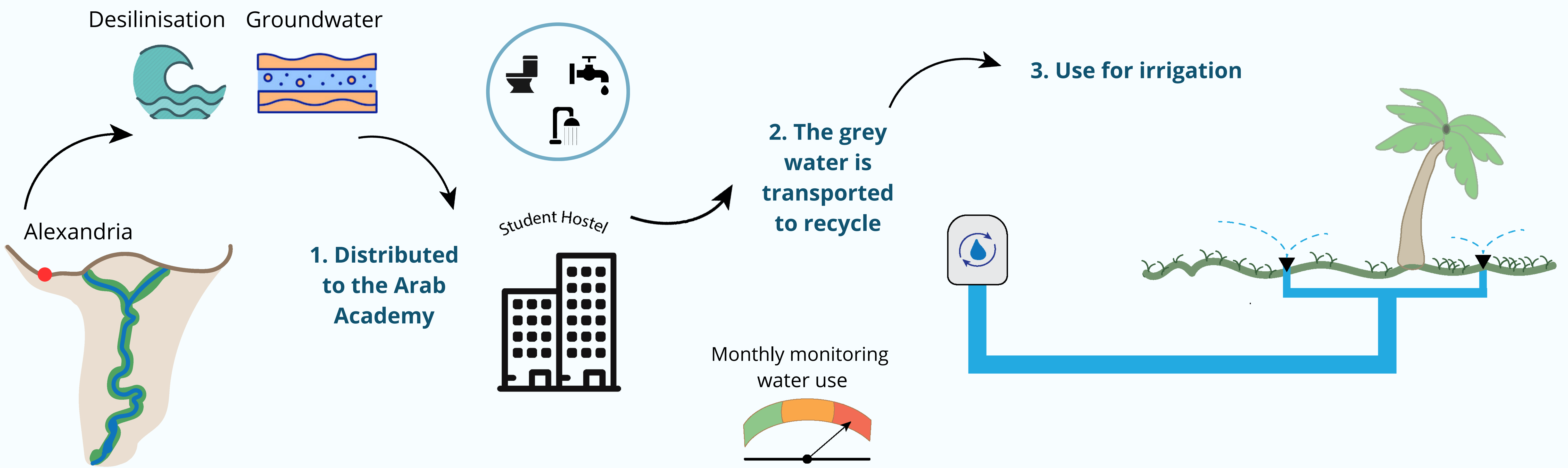


### Awareness

- Spreading awareness posters
- Sustainable water use events.
- Monthly water usage report .
- Acknowledgement in housing contracts.

### Control

- Control flow rate monitor
- Recycling grey water.
- Efficient use of water sprinklers.



## CONCLUSION

- Multi-dimensional approach
- Merging control and management with community awareness

## RECOMMENDATION

- Co-collaborated solutions
- Proper signage and engaging communities
- Reducing environmental footprint for sustainable future.

## VISION

To establish acknowledgement for rules and regulations, promoting water conservation through innovative strategies like tiered quotas.

## SUSTAINABILITY GOALS



lowering water footprint of stakeholders and saves overall consumption



Empowering circular economy within cities



Lowering our consumption of natural resources



Improving the international collaboration between The Netherlands and Egypt



Case owner:  
Johan Oost

