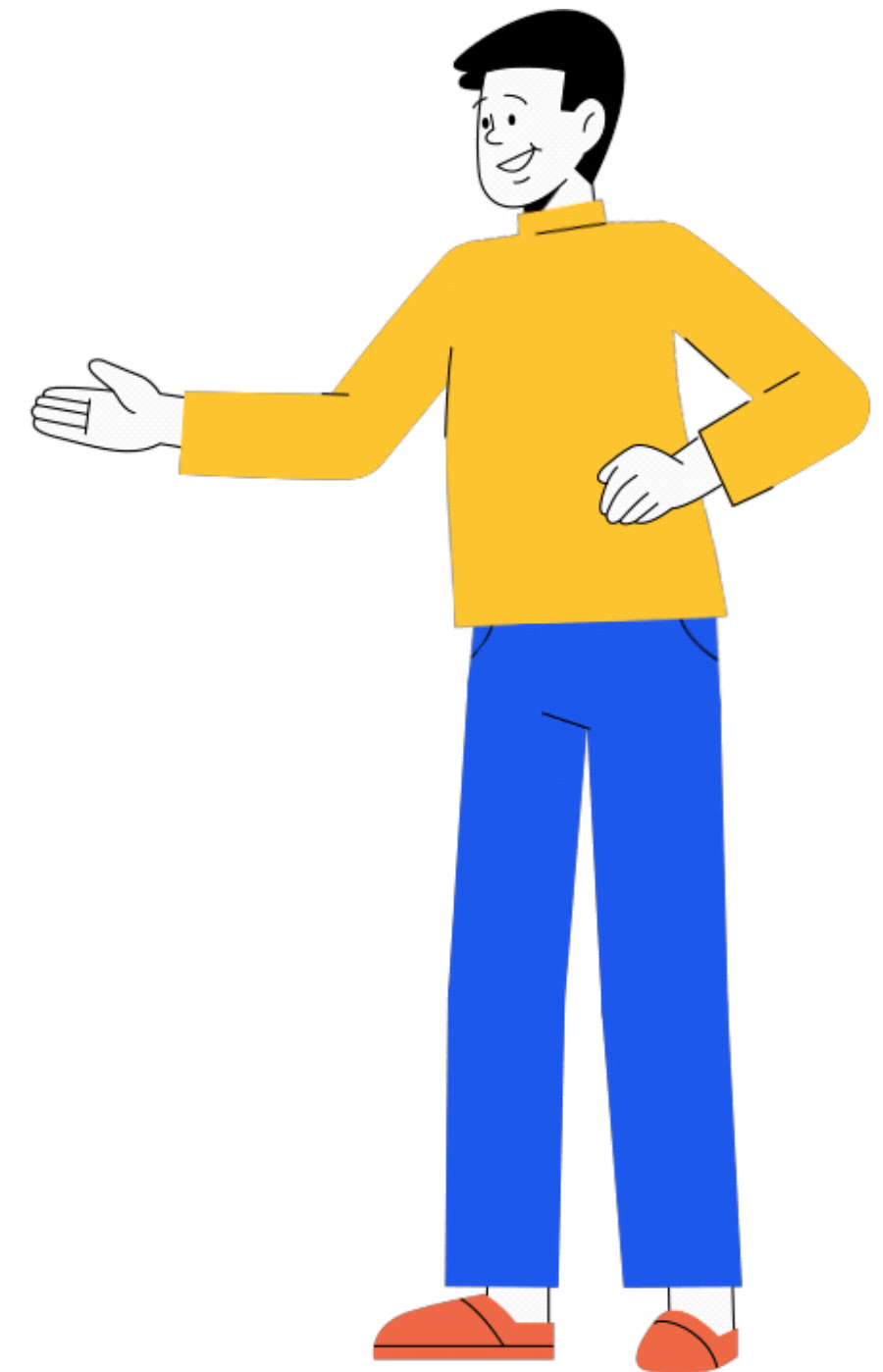


Lior Teper
Chemistry Student
Tel aviv university

101 HOME WATER

Why it's impossible to convince people to save water
And the real solution



USUAL BORING PROMISES



- Replace with low-flow showerheads and save 11000 liters/year
- Turn off tap while brushing teeth and save 12000 liters/year
- Shorten showers by 2 minutes and save 8000 liters/year



low-flow showerheads can save around 2,700 gallons/person/year

PEOPLE ARE LAZY



here are some common examples:

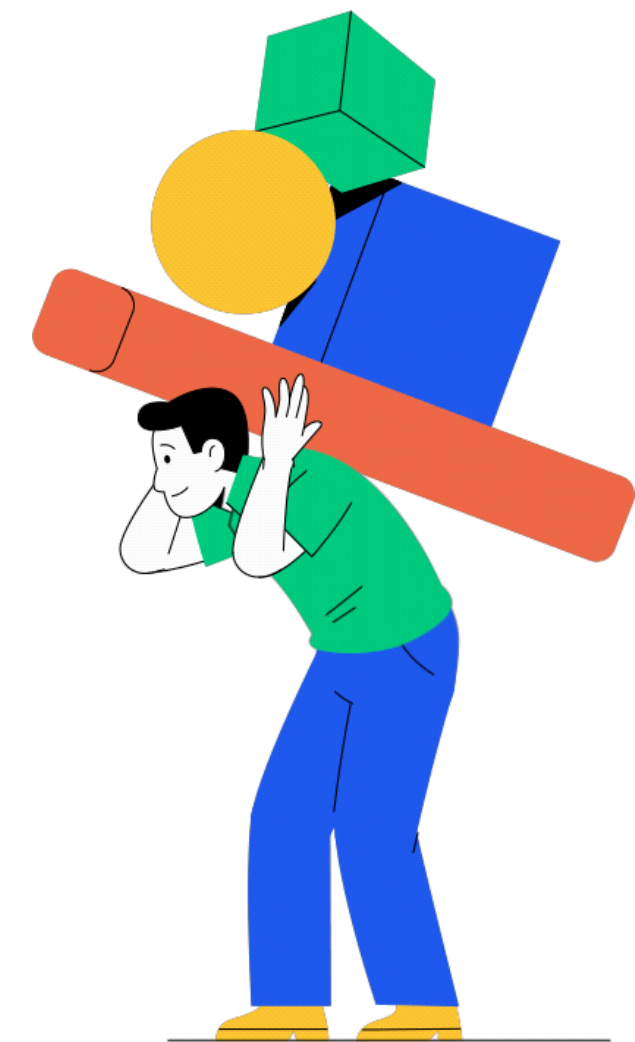
- 1 Who remembers what trash to recycle?
- 2 I'm only out for few minutes, no point in shutting the tv
- 3 Why wash when you have a washing machine?
- 4 Try wolt, you won't even need to get out of your house



FAMILIAR BLA-BLA-BLA



- UPGRADE TO EFFICIENT APPLIANCES
- MONITOR YOUR WATER CONSUMPTION
- GET A REAL-TIME WATER OPTIMIZATION SYSTEM
- SAVE YOUR MONTHLY BILL
- THERE ISN'T ENOUGH WATER FOR ALL OF US





WHAT IS POSSIBLE?

Creating an autonomous water
recycling energy efficient device
based on chemical mechanisms

IT WILL BE

Water Based

- Reduces fresh water consumption by 30-50%.
- Utilizes advanced membrane filtration for greywater purification

100% Energy Free

- Operates without electrical input, powered by gravity or manual systems.
- Operates on gravity-fed flow – no electrical pumps required

Based on AI

- Real-time optimization using AI algorithms to minimize water waste.
- Learns household habits to forecast and cut excess use.

Easy to Integrate

- Smart app for real-time monitoring and control
- leak detection and usage alerts.
- Installed in under 20 minutes with basic tools.

CHALLENGES



MAKING THE DEVICE
COMPATIBLE TO ANY
WATER SYSTEM IN EVERY
HOME WORLDWIDE

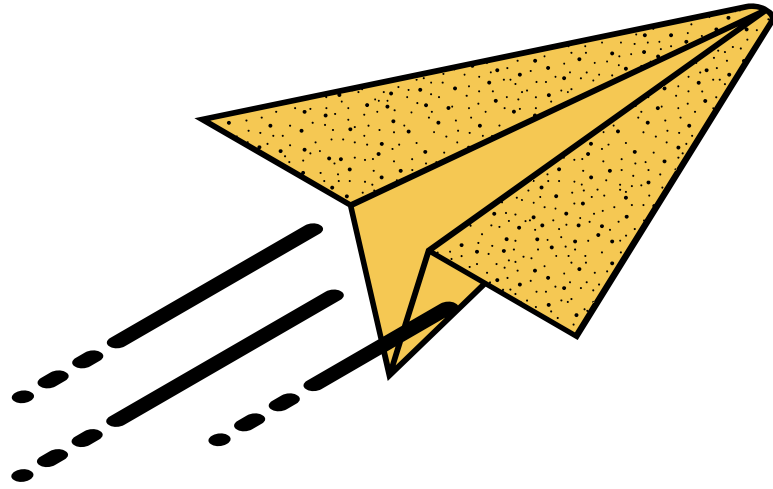
MAKING THE DEVICE AS
COST-EFFICIENT AND
SUITABLE FOR ANY
HOUSEHOLD



CONCLUSIONS

To actually be energy efficient
let people be lazy

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THANK YOU!

