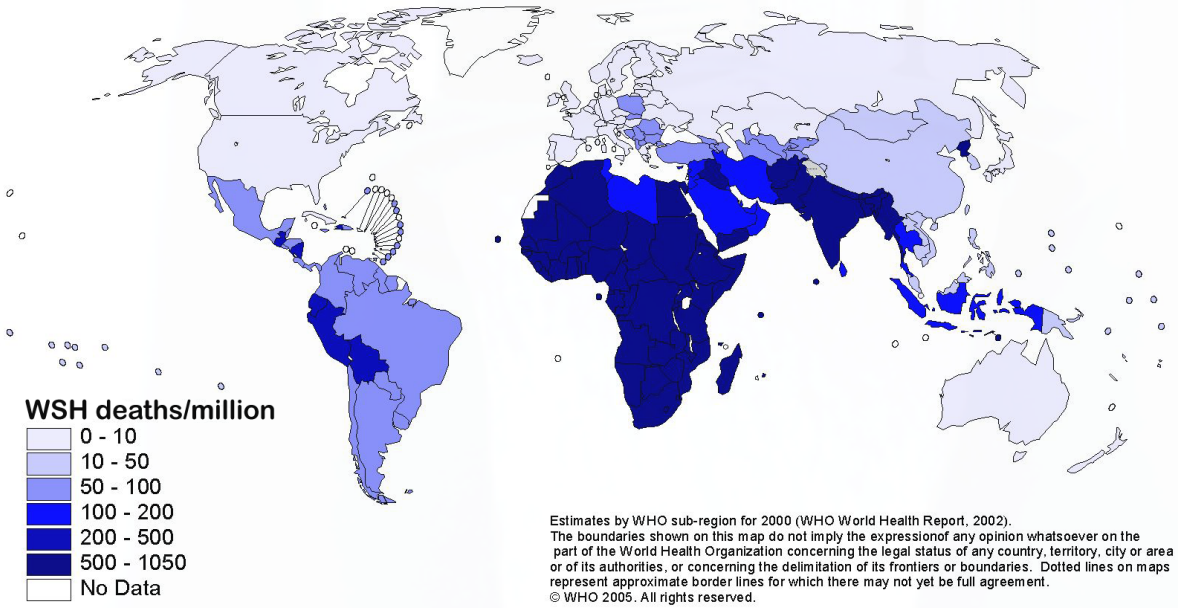
neer

Fachbereich
Design Dessau
Department
of Design

Background Research

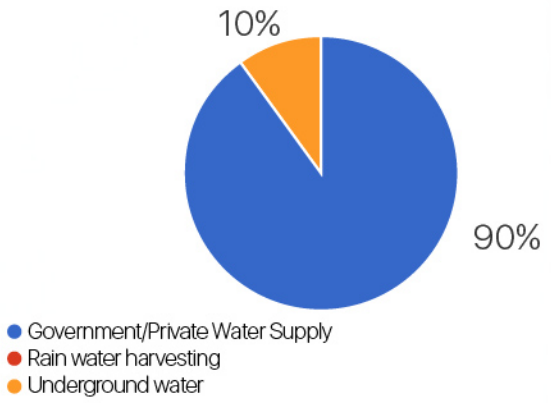
- WHO: Waterborne Disease is World's Leading Killer.
- Nitrate from fertilizers seeps into rural wells and increases the risk of "blue-baby syndrome."
- Globally, at least 2 billion people use a drinking water source contaminated with faeces.
- By 2025, half of the world's population will be living in water-stressed areas.
- £30bn bill to purify water system after toxic impact of contraceptive pill.

Deaths from unsafe water, sanitation and hygiene

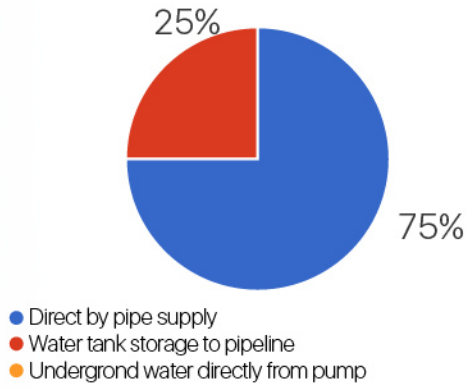


Estimates by WHO sub-region for 2000 (WHO World Health Report, 2002).
The boundaries shown on this map do not imply the expressionof any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

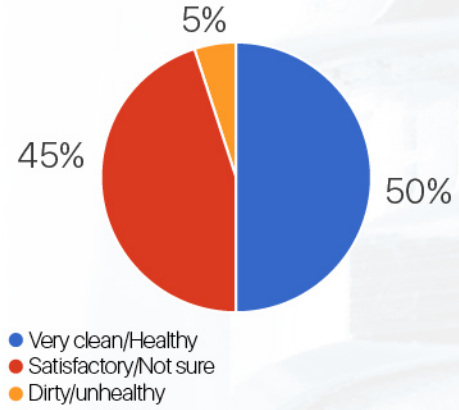
Background Research



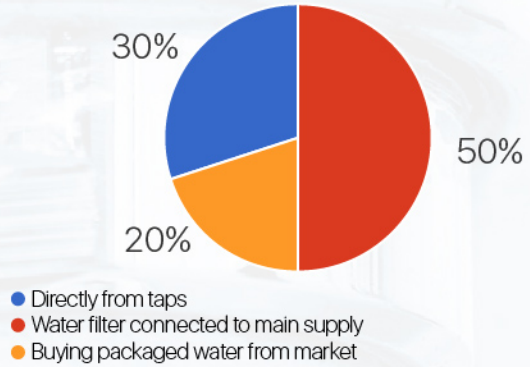
How do you get water in your home?



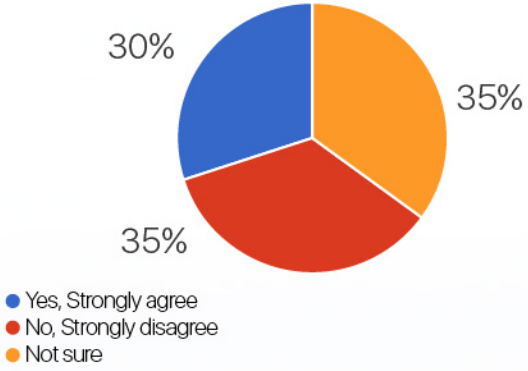
How the water is supplied from the source to your home?



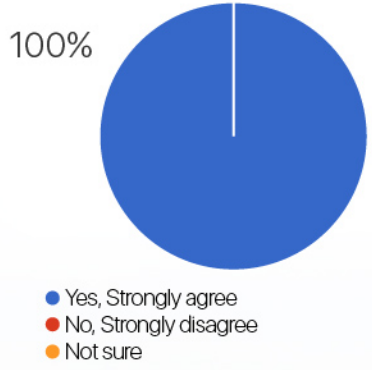
What is the quality of water that you get out of the taps in your home?



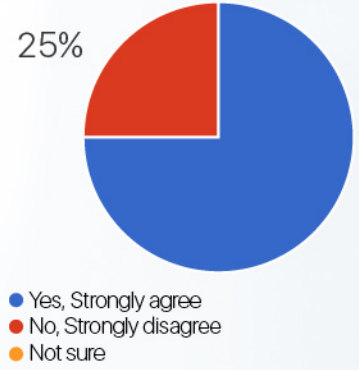
How do you get drinking water in your home?



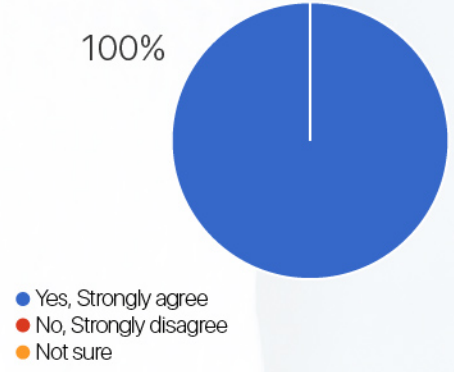
Is the water coming directly out of taps in your home is drinkable?



Do you use direct supply of water for showering /taking bathwater?



Do you use direct supply of water for cooking?



Do you use direct supply of water for gardening?

Water Pollution Sources

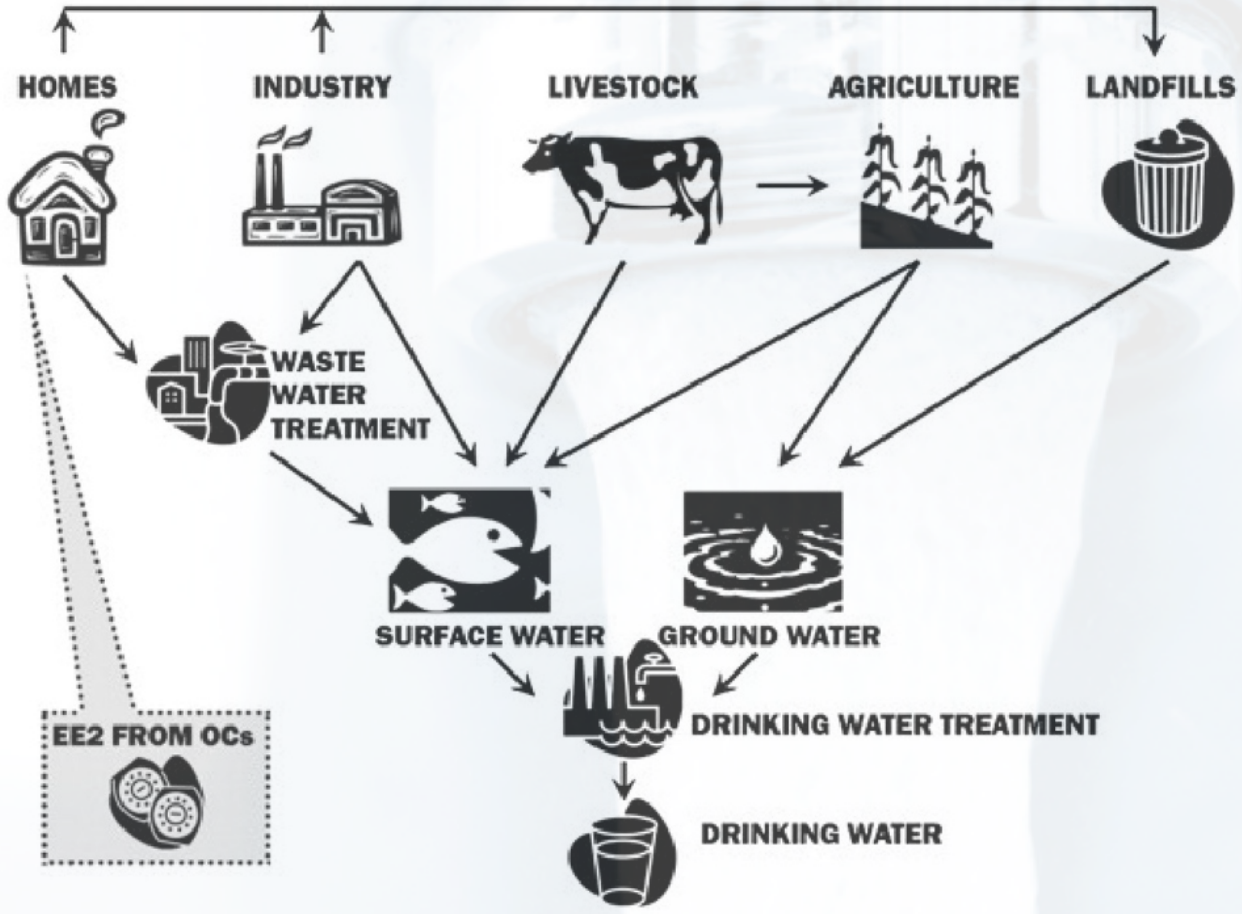
Home: Estrogen Birth Control Pills

Industry: Harmful chemicals, Processes

Livestock: Hormones, Steroids

Agriculture: Nitrates, Fertilizers

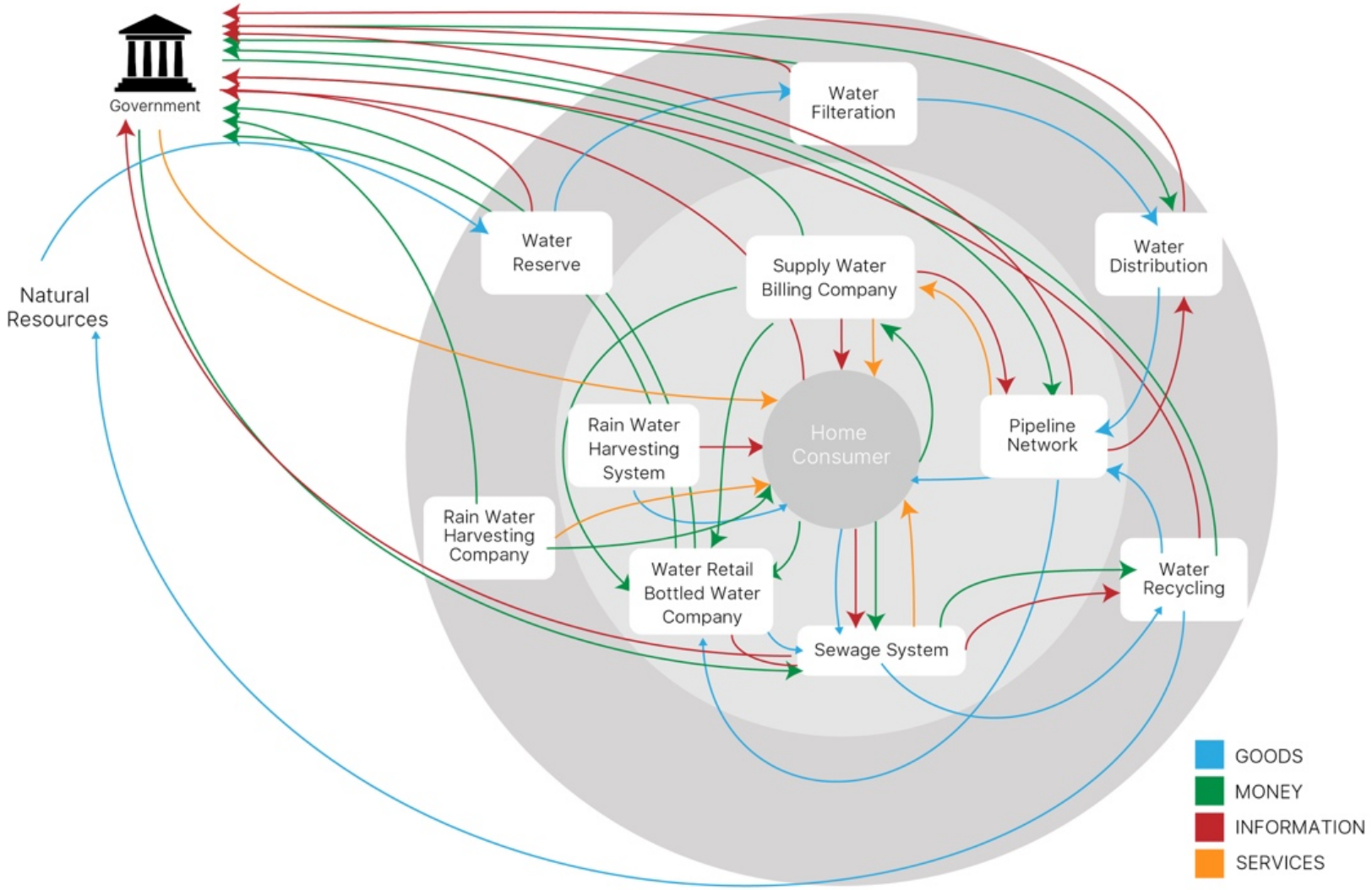
Landfills: Radioactive waste, Discarded Medicines



Eco-System Introduction

Key Findings

- Multiple points of possible contaminations.
- Government is helpless in some situations and gets informed after its too late.
- Home Consumer is helpless and uninformed in the situation.
- Government's failure is leading to rise of a private water filter companies consumer market.



Problem Statement

How might we develop a solution of monitoring water supply quality and consumption behaviour for home users to help them make an informed buying decision for buying an optimum water filtration systems from our curated marketplace, respecting the health hazards caused by consumption of contaminated water from direct water supply ?

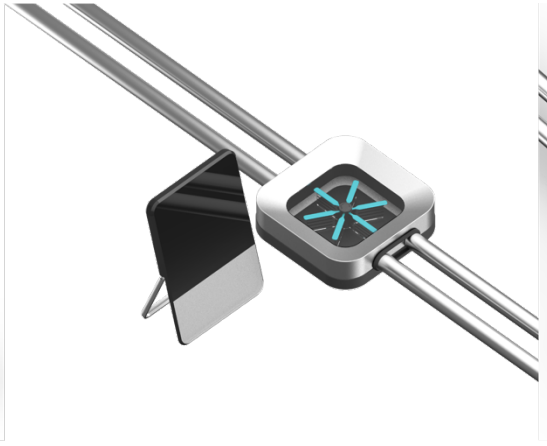
Value Proposition

Our solution helps users to monitor quality of water supply and consumption behaviours. It further alerts them of any contamination in water supply and facilitates buying water filters from a curated marketplace.

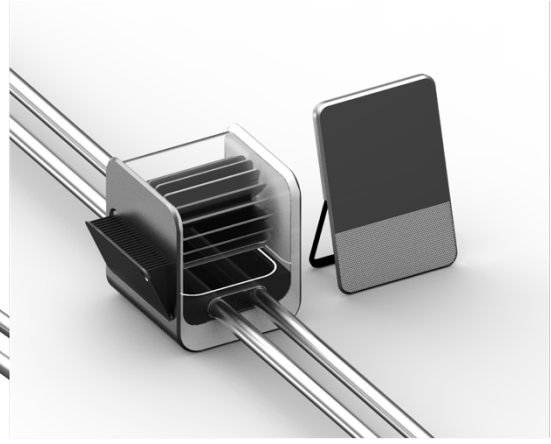
Process and Development

The Invisible Filter

Toye[S]



Paya



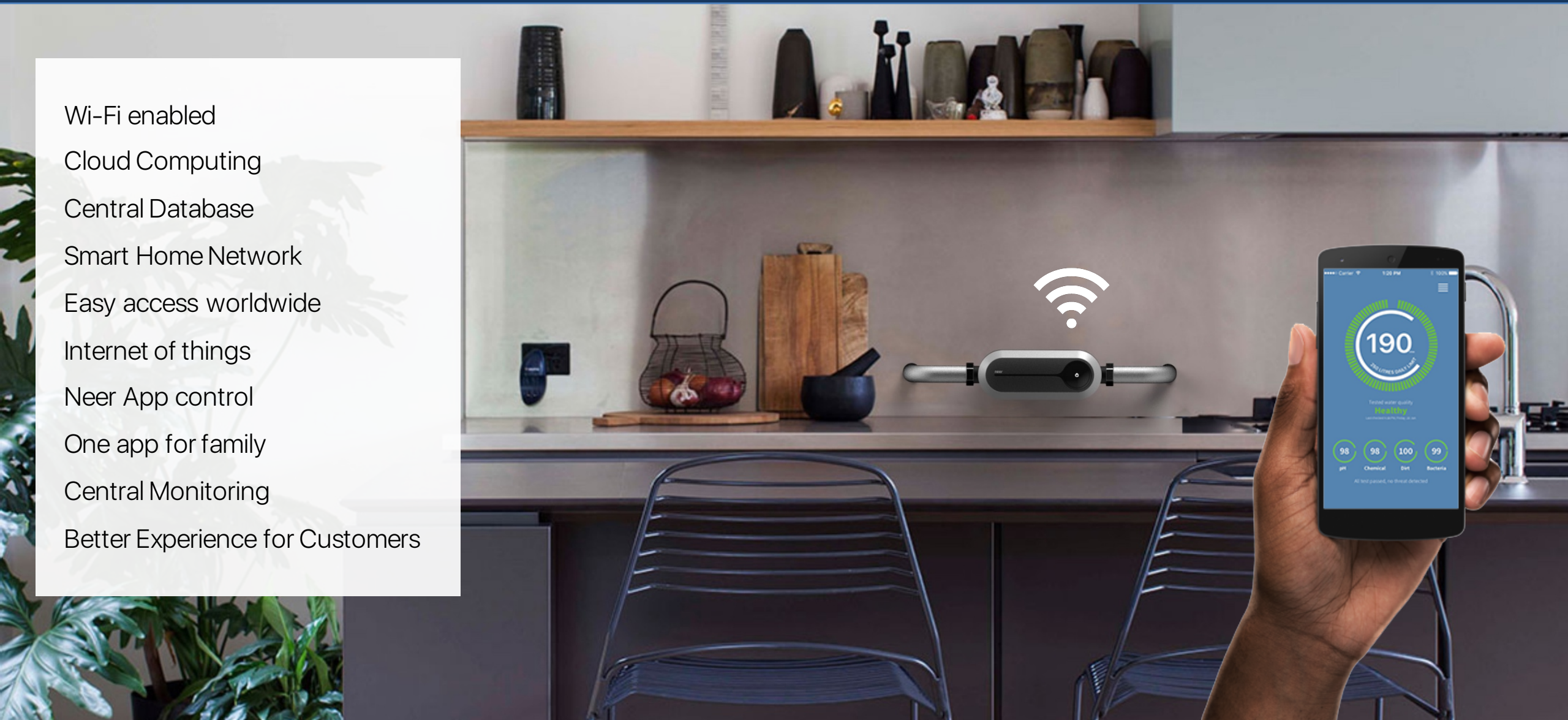
Vaari

Neer

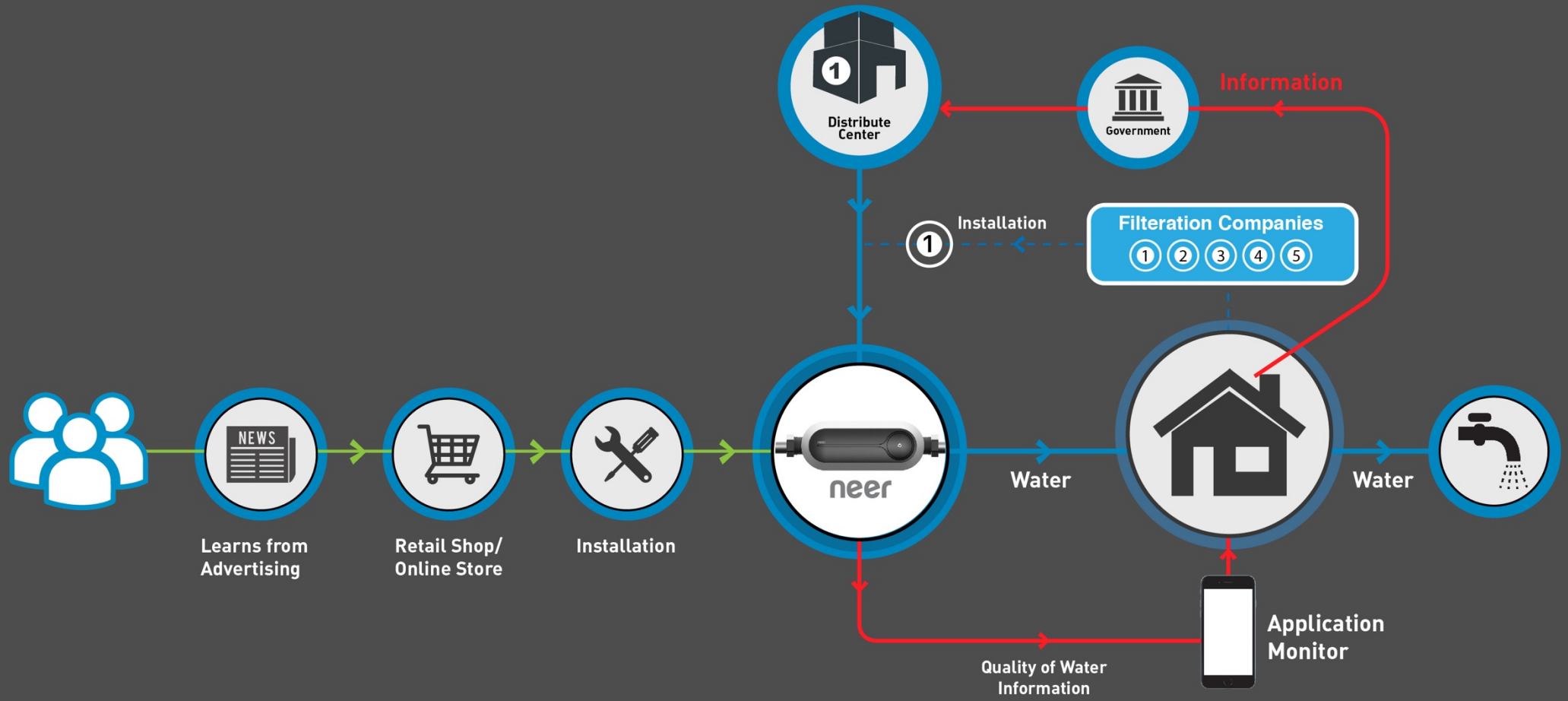
Final Solution

Final Solution

- Wi-Fi enabled
- Cloud Computing
- Central Database
- Smart Home Network
- Easy access worldwide
- Internet of things
- Neer App control
- One app for family
- Central Monitoring
- Better Experience for Customers

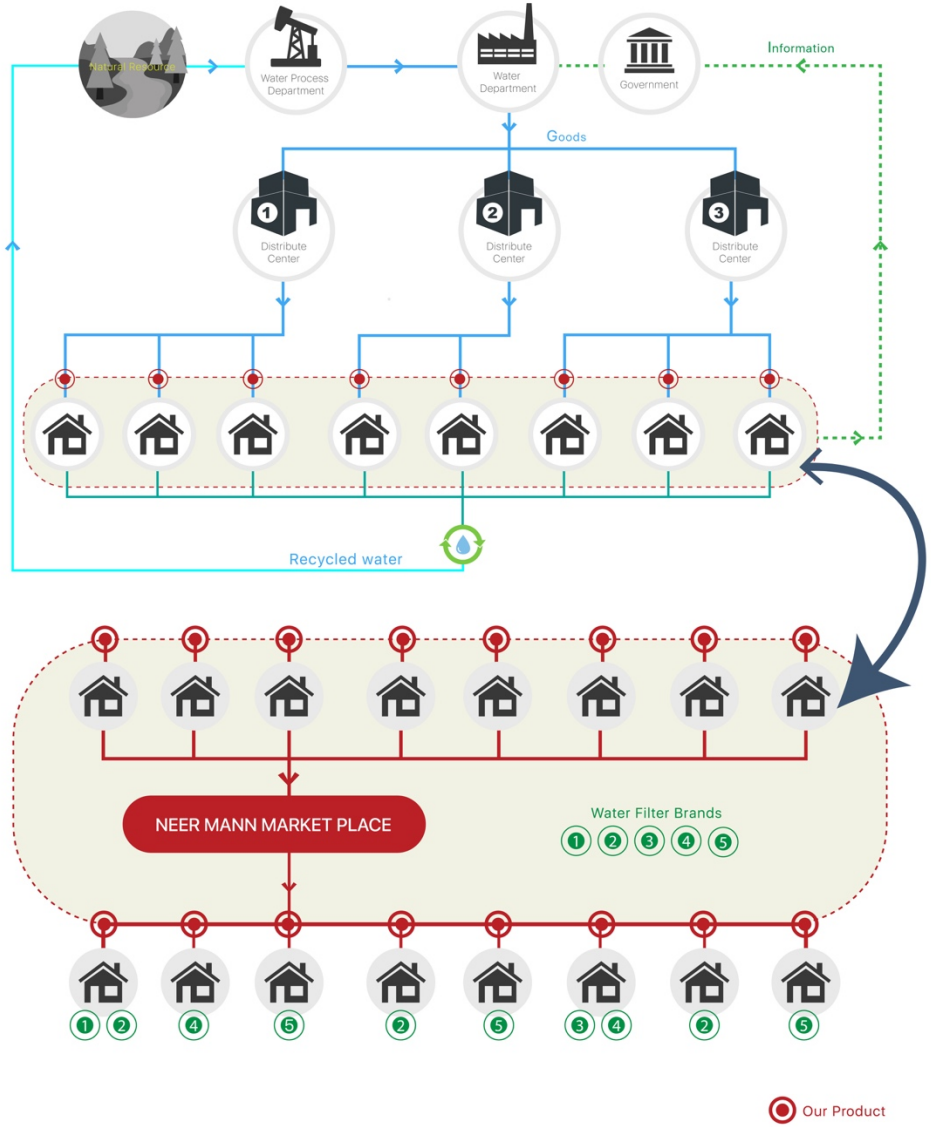


Final Solution



Final Solution

Ecosystem



Thank You !