



MAKING 50LT.P.D. AN IRRESISTIBLE REALITY

BRAULIO EDUARDO MORERA

DIRECTOR, 50L HOME COALITION

19 APRIL 2022, SINGAPORE INTERNATIONAL WATER WEEK

SECRETARIAT



MEMBERS



PARTNERS

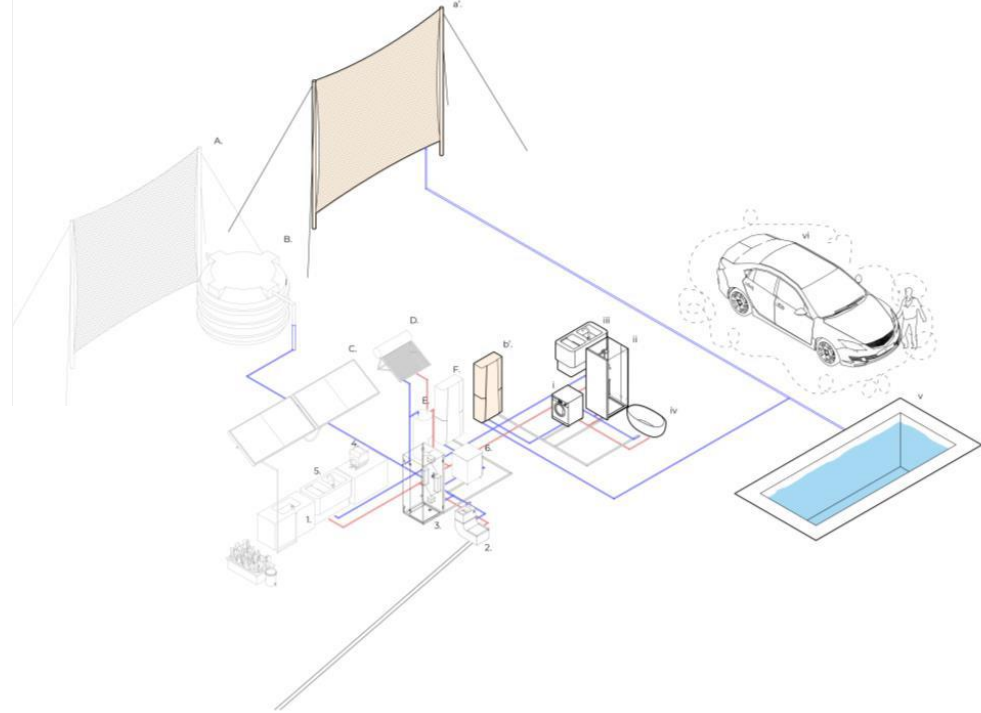
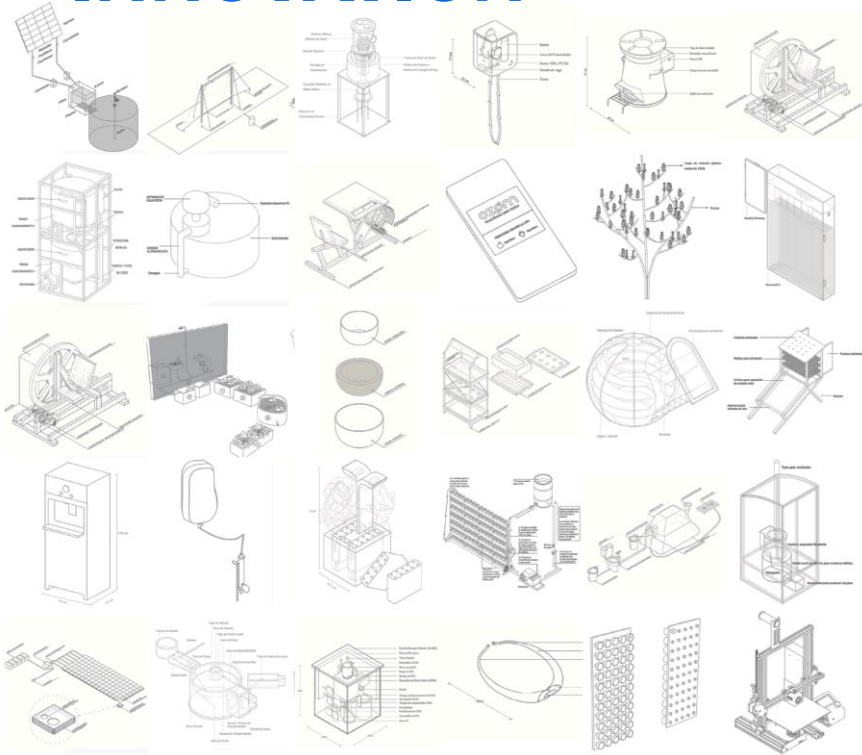


**CAN WE GET
PEOPLE TO LIVE ON
50L OF WATER PER
PERSON PER DAY?**

**WHAT IF HOMES
COULD RUN AT 50L
AND NET ZERO
CARBON, AND YET
FEEL LIKE 500L?**

From old questions. Scarcity. —————> **To new questions. Abundance.**

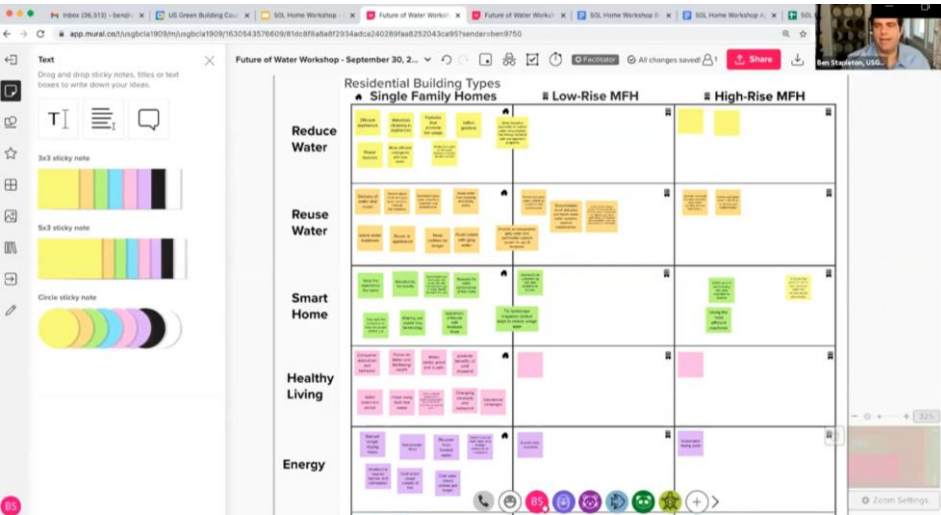
INNOVATION



50L Home Research studio “Eco-Technical Ensembles”

Catholic University of Chile. Professors: Pedro I. Alonso, Pablo Gubbins. Student: Josefina Joo.

IMPLEMENTATION

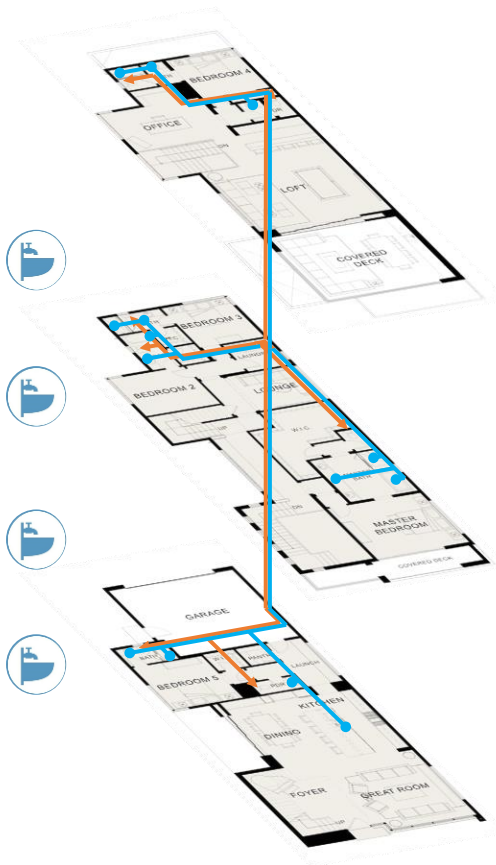
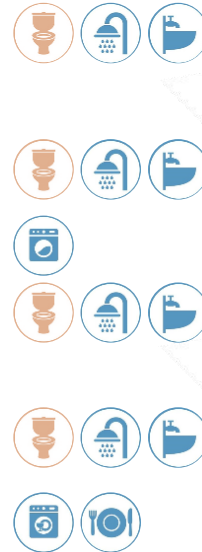


Scoping a world class water + energy efficiency pilot in California
50L Home / USGBC-LA

Integration strategies



Kitchen & toilets



EDUCATION

50L HOME COALITION | JUNE 2021

A CIRCULAR WATER FUTURE

White Paper on how cities can integrate water reuse and transform their water systems

50L HOME

50升水家节水联盟 | 2021年6月

循环水未来

城市水资源回用与水系统转型白皮书

50L HOME

50L HOME ARCADIS



Water-Energy-Carbon Nexus in our homes.

A blind spot for climate crisis?

ADVOCACY



City of Phoenix



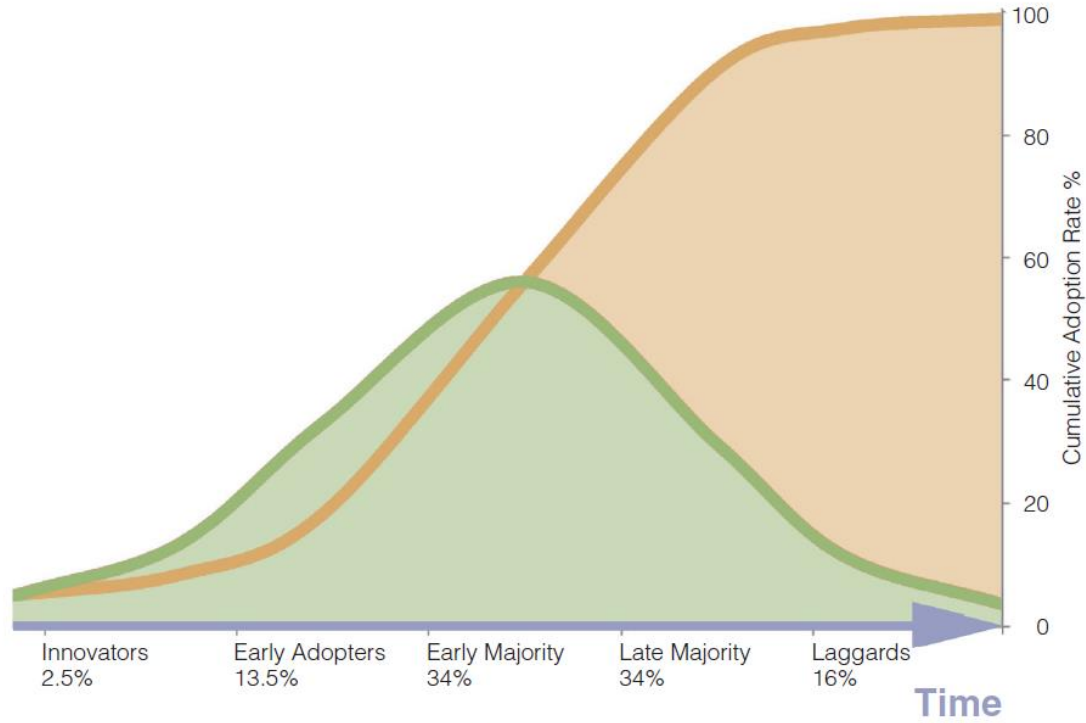
Scottish Water
Trusted to serve Scotland

NWP | Netherlands Water Partnership

WATERREUSE



50L HOME

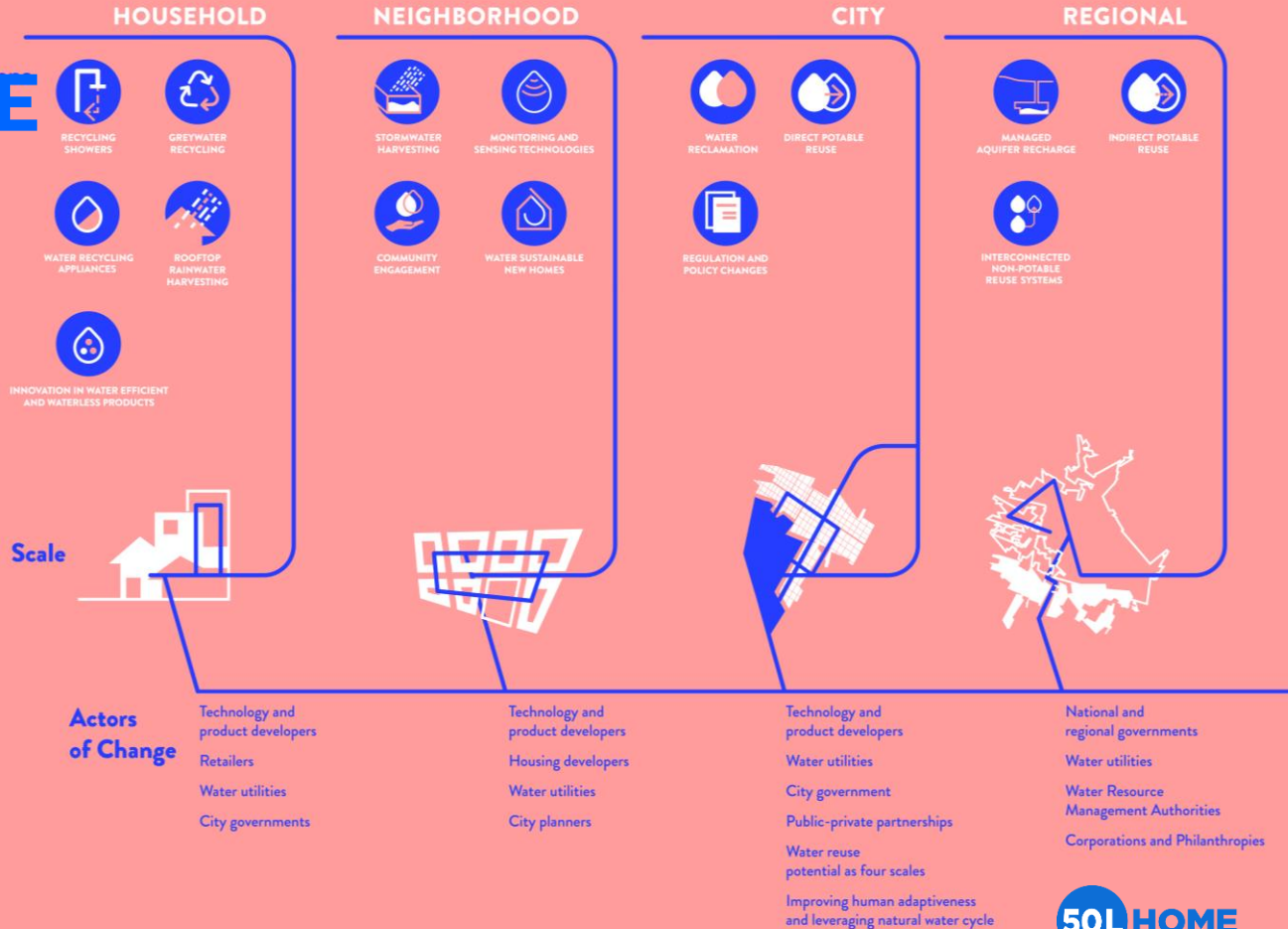


Source: Adapted from Rogers, E. M. (2003). *Diffusion of innovations* (5th ed.). New York: Free Press.

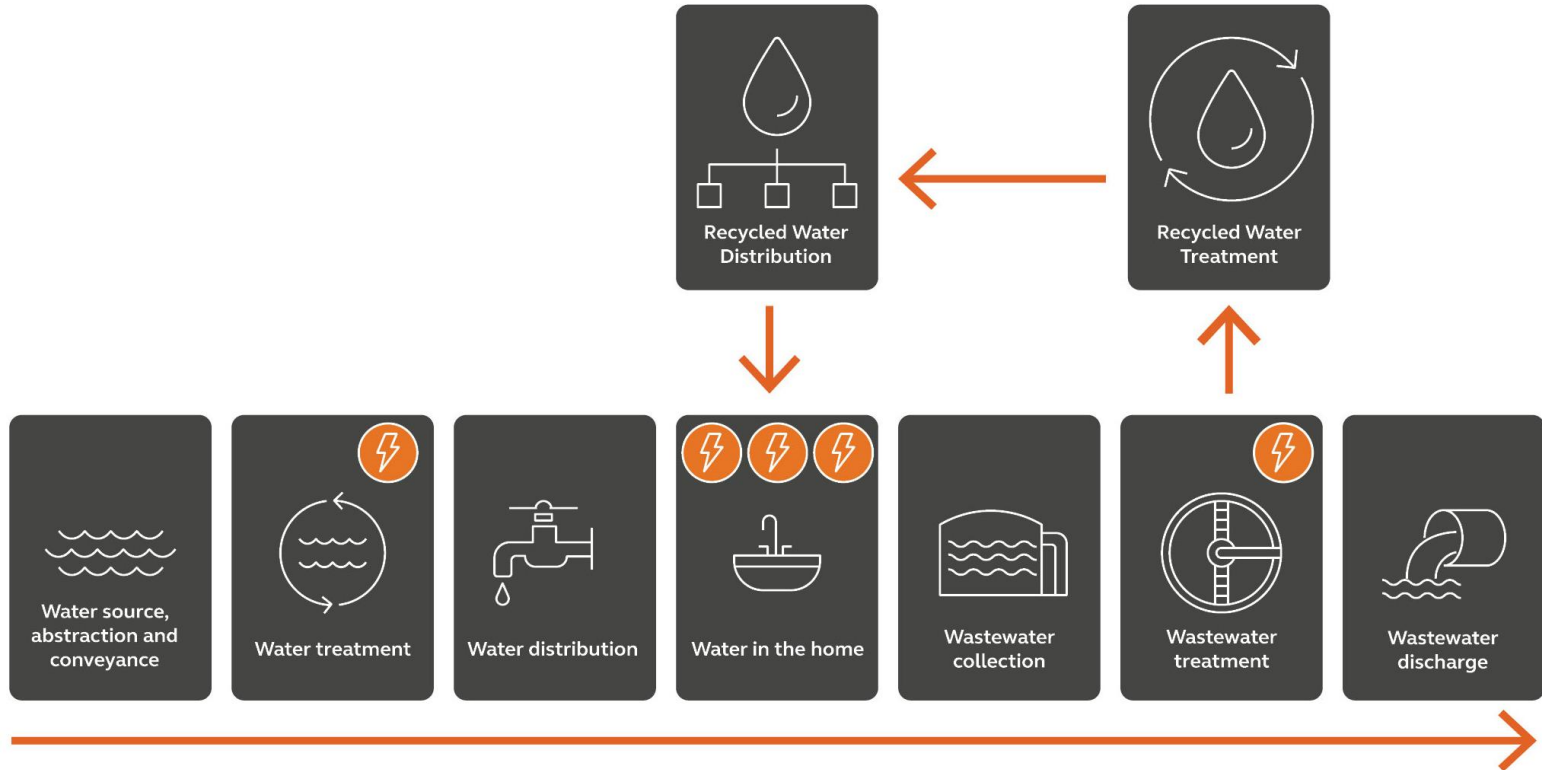
“failure of policy to consider the interdependencies and coevolution of factors that comprise a human-water system will lead to unanticipated water scarcity and unintended consequences.”

Schwabe et al, 2020. ‘Unintended consequences of water conservation on the use of treated municipal wastewater’

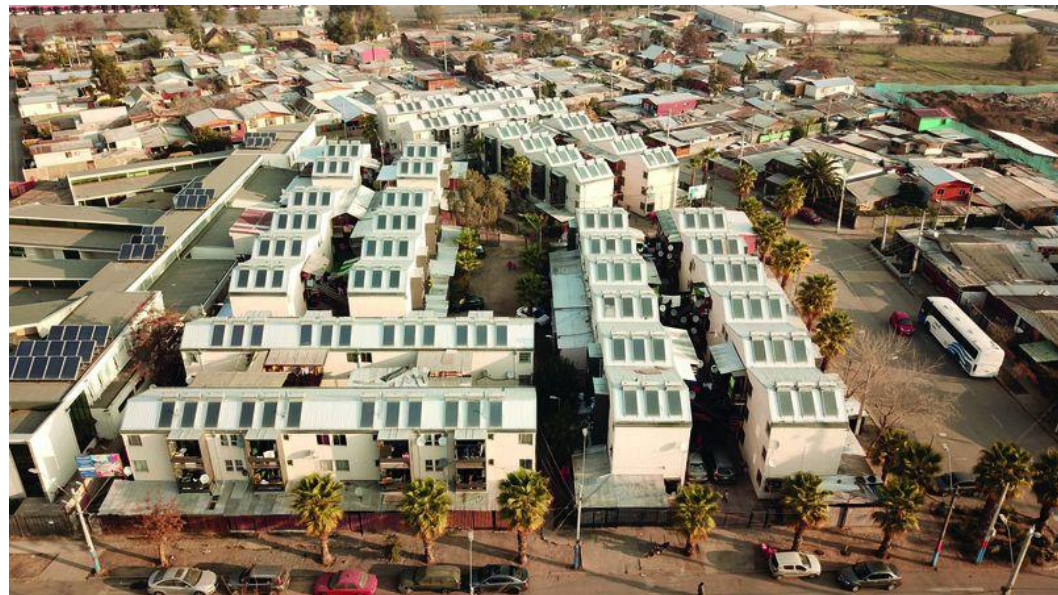
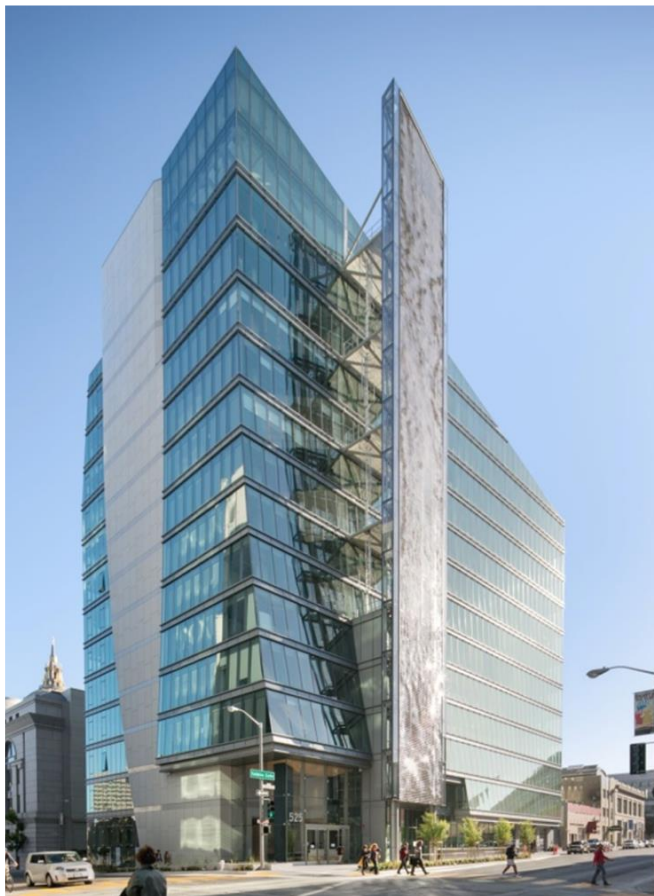
SYSTEMS PERSPECTIVE



WATER-ENERGY-CARBON



EQUITY



Condominio El Bosque 1. Santiago, Chile
Ministerio de Vivienda de Chile- Sebastián Mery
Source: La Tercera

SPUC Headquarters. San Francisco, USA
KMD Architects + Arup
Source: Paula Kehoe



visit: www.50LHome.org
email: morera@wbcasd.org
tweet: @50LHome