

# ECO CONTROL SYSTEM

SAVE WATER





**ECO CONTROL**  
**SYSTEM** SAVE WATER

**SISTEMA HIDRÁULICO PREDIAL** DE ÁGUA QUENTE E FRIA  
COM DESVIO DE ÁGUA PARA A CISTERNA NO  
MONOCOMANDO DO CHUVEIRO

**PATENTE REQ. Nº PI 1101007-0**

# MARKET - APPLICATION

## General Construction

- Hotels
- Hospitals
- Middle / high class housing buildings

In the design phase, construction or already built, which have hydraulic infrastructure with provision for heaters.



# Market - Opportunity



## ➤ Local Market Size

- Brazil has shortage of 7.70 million new housing;
- There are currently 2.50 million middle / upper class housing
- Market share of 5% we will have 600 thousand buildings

## ➤ Target market

- Domestic Market - Builders and Developers
- Foreign Market - Export of solution components.

## ➤ Priority Profile

- Sensitive and environmentally friendly builders, bold and innovative to the point of adopting new technology in their projects, to convert marketing / differentials into business opportunities.

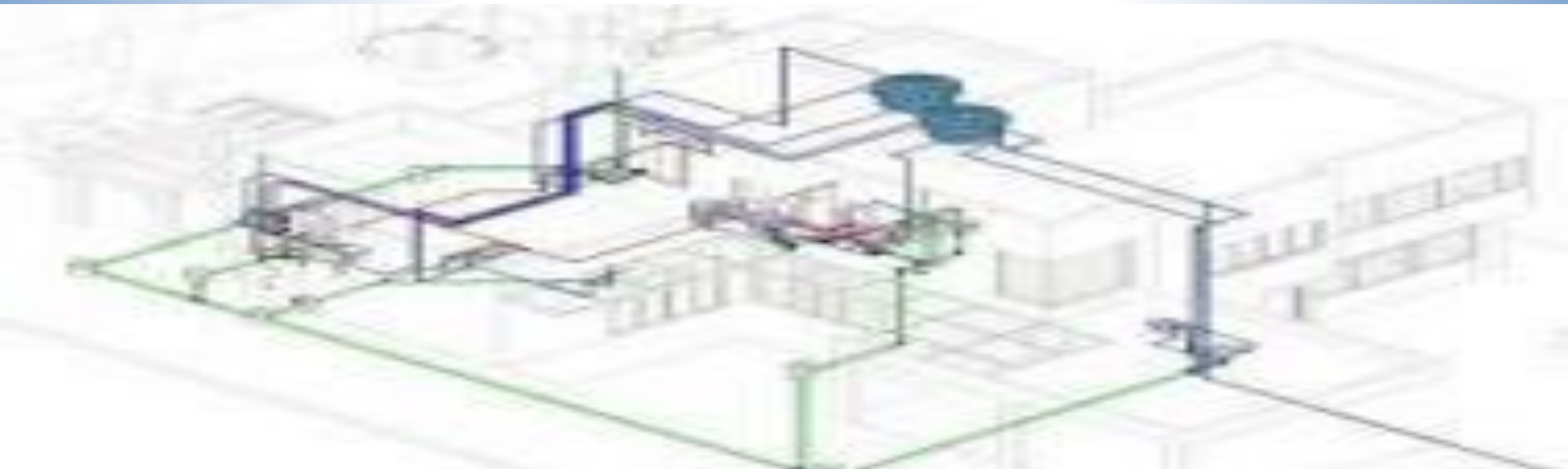
# Market – Potencial Problem

- ✓ The UN predicts that by 2025 water scarcity will affect five billion people in urban areas.
- ✓ The water crisis in Brazil is a reality and affects thousands of people in all regions of the country every year.
- ✓ The disordered growth of large cities and wastes demand the expansion of water treatment capacity and water without pollution.
- ✓ States have acted modestly and little effort has been made to establish policies for the rational use of water.
- ✓ As with electricity market, the cost of water may be surcharged to support the investments needed to mitigate the crises.



# The Product

ECO CONTROL SYSTEM is a new concept for building hydraulic installation, coupled with a strategic set of parts and components, that eliminates the common waste of drinking water in current hydraulic installation

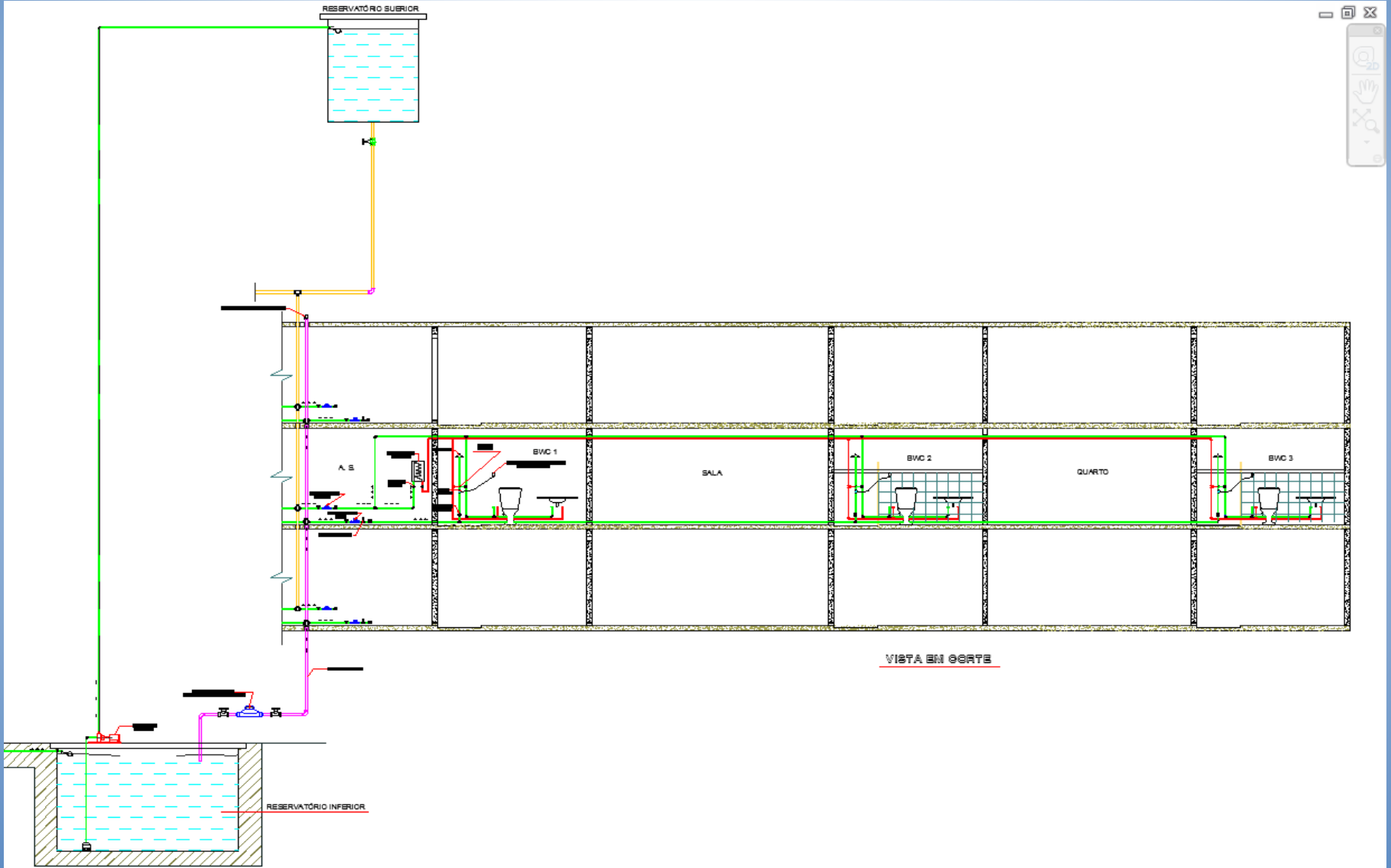


# HOW IT WORKS

The ECO CONTROL SYSTEM utilizes a mixing valve that recovers cold water, avoiding waste, in each bath in the routine waiting for hot water.



# Schematic Drawing Solution





# The Business Model



Sale of license for patent use  
(Royalty)

Product Manufacturing and Sale

- Temperature Controller - Exclusive manufacture and sale.
- 4 Way Mixing Valve (Patent Pending) Exclusive manufacture and sale.

# Advantage

## Advantages of the solution:

- Ultimately solves the waste of drinking water;
- provides significant savings in drinking water;
- reduction in the value of the water bill,
- reduction in investments to capture water from water and sewage companies.

## Differential:

- 100% reliable, easy to execute, system does not compromise the potability of water delivered by water companies, unique, innovative and differentiated product, great cost-benefit ratio, sustainable, property appreciation and reduces aggression to the environment.

# Team

- Technical Team
  - Ruy Medeiros** – Commercial technical director
  - Fábio de Castro Forlin** – Manager
  - Camila Bruch Souza** – Administrative
- Cooperation
  - SEMASA Itajaí (Municipality water company - Itajaí-SC)
  - House Noble Real Estate – Itajaí – SC



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