

# WATER PYRAMID

By Pol, Maciej, Min Ji, Lies and Marion ➤ Give me 5

## INTRODUCTION

### MOTIVATIONS

- Sustainable development
- Water is a valuable resource

### PROBLEMS

- Existing technologies
- Existing technologies

### OBJECTIVES

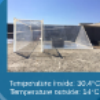
- Water purification
- Water purification

## OUR SOLUTION

### SCHEDULE



### TESTS



### RESULTS

- The system works
- Comparisons



## ADDITIONAL STUDIES

### MANAGEMENT

- Management
- Management

### FAIR AND EFFICIENCY

- Fair and efficiency
- Fair and efficiency

### SECURITY

- Security
- Security

### SUSTAINABILITY

- Sustainability
- Sustainability

## CONCLUSION

- The concept is : set and works
- The team is united and work efficiently.
- Axis of improvement : from clean water to drinkable water



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## INTRODUCTION

### MOTIVATIONS

- Increase the drinkable water percentage of the planet
- Make a sustainable project

### PROBLEMS

- During the project
  - Technical
  - Safety

### OBJECTIVES

- Water distribution system
- Final application for a dome structure

## OUR SOLUTION

### SCHEMATIC



### TESTS



Temperature inside: 30.4°C  
Temperature outside: 14°C

### RESULTS

- The system works
- Comparisons



## ADDITIONAL STUDIES

### MANAGEMENT

- Planning
  - Team formation
  - Allocation of resources
- Monitoring
  - Progress
  - Communication

### FORM AND DESIGN

- Environmental impact
  - Sustainability
- Aesthetics
  - Functionality

### MARKETING

- Targets
  - Market research
- How to promote our project
  - Advertising and public relations

### SUSTAINABILITY

- Sustainability
  - Economic
  - Social
  - Environmental
- Life cycle analysis
  - Production
  - Distribution
  - Use
  - End of life

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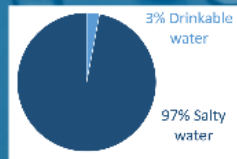




# INTRODUCTION

## MOTIVATIONS

- Increase the drinkable water percentage of the planet
- Make a sustainable project



## PROBLEMS

- During the project



- Designing the system
  - Technical
  - Safety

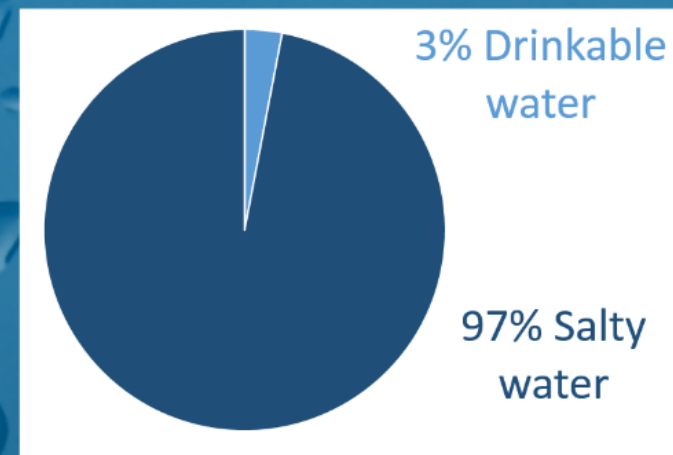
## OBJECTIVES

- Water desalination system
- Final application for a dome structure



# *MOTIVATIONS*

- Increase the drinkable water percentage of the planet



- Make a sustainable project



# *PROBLEMS*

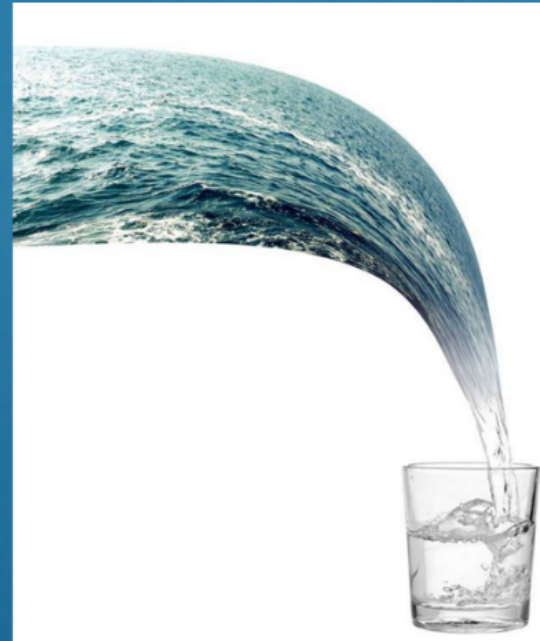
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- Designing the system
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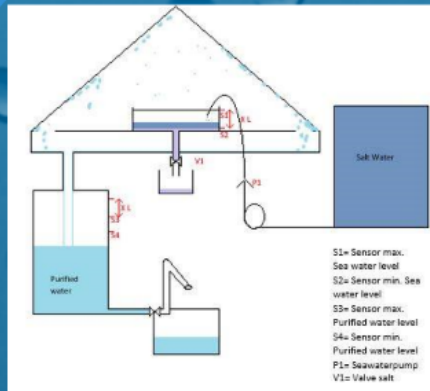
# *OBJECTIVES*

- Water desalination system
- Final application for a dome structure



# OUR SOLUTION

## SCHEMATIC



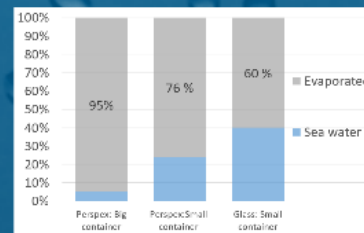
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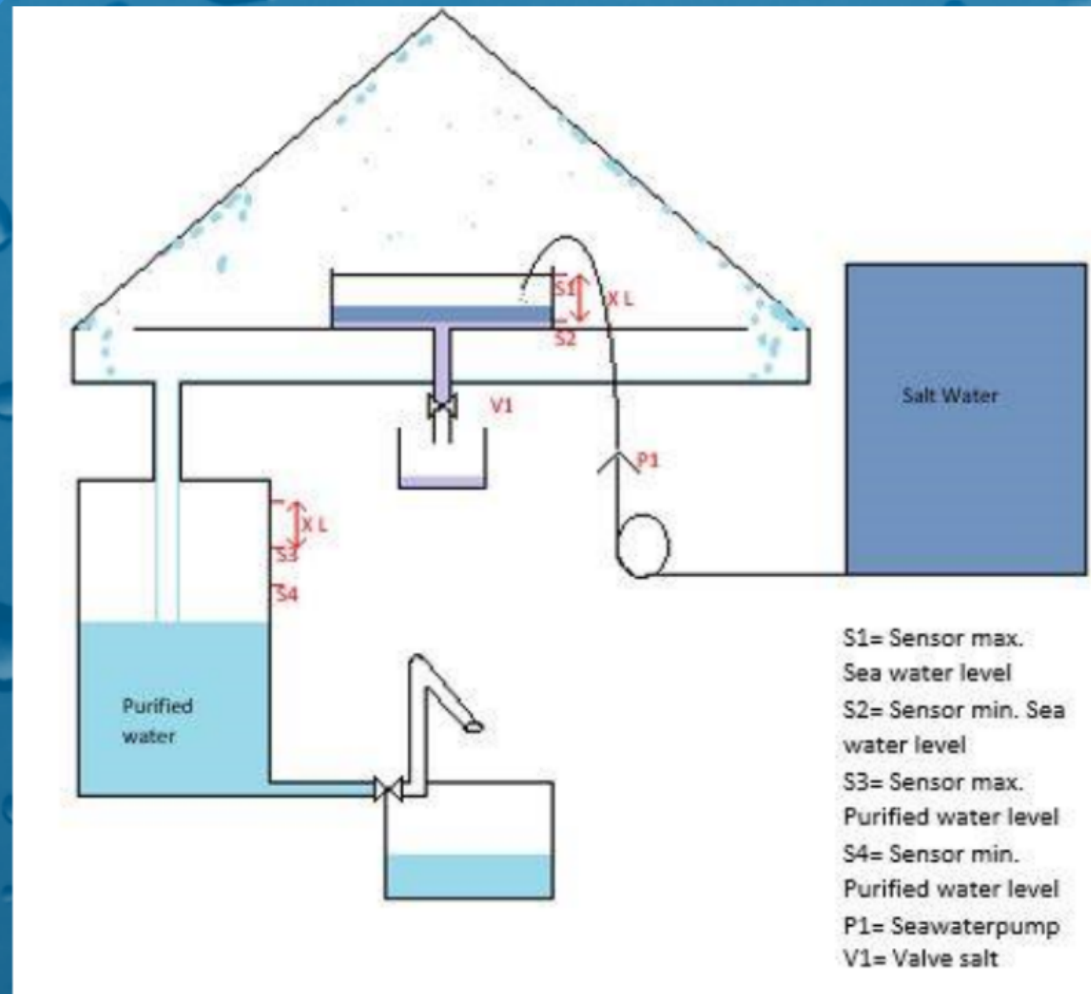
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# *SCHEMATIC*



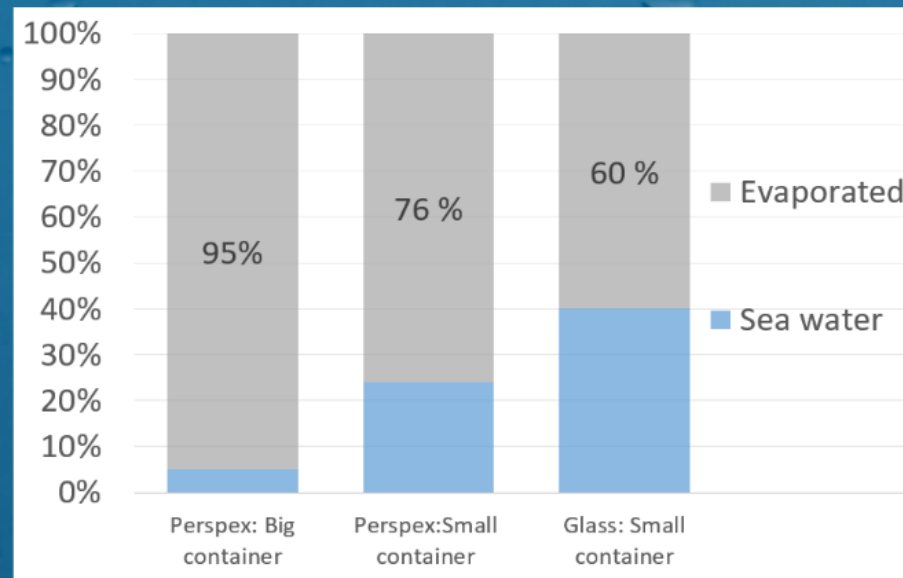
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# *RESULTS*

- The system works
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# ADDITIONAL STUDIES

## MANAGEMENT

- Planning :
  - Tasks repartition
  - Schedule ans deadlines

WBS

GANTT

- Communication :
  - Meetings
  - Wiki



## ETHIC AND DEONTOLOGY

- ENGINEERING ETHIC :  
Engineering Code of Conduct :  
AAWRE



- SALES AND MARKETING ETHIC :  
Transparency and honesty

- ENVIRONMENTAL ETHIC :  
Sustainable material and energy



## MARKETING

- Targets :



- How to promote our project? advertising and public relations

## SUSTAINABILITY

- Sustainable
  - Economic
  - Social
  - Environmental

- Life cycle Analysis
  - Extraction
  - Manufacturing
  - Distribution
  - Use
  - End of life



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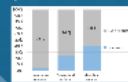
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- Planning
  - Team formation
  - Allocation of resources
- Monitoring
  - Progress
  - Communication

### FORM AND DESIGN

- Environmental impact
  - Energy consumption
  - Water consumption
- Safety and health
  - Hygiene
  - Security

### MARKETING

- Targets
  - Environmental
  - Social
  - Economic
- How to promote our project
  - Advertising and public relations

### SUSTAINABILITY

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