

LOOP OF WATER



Group W2



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Agenda


- ▶ Problems
- ▶ Research
- ▶ Existing solutions
- ▶ Vision
- ▶ Our concept
- ▶ Conclusion
- ▶ Questions


Base Problems - Wastewater



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REQUIRES HIGHER EFFICIENCY

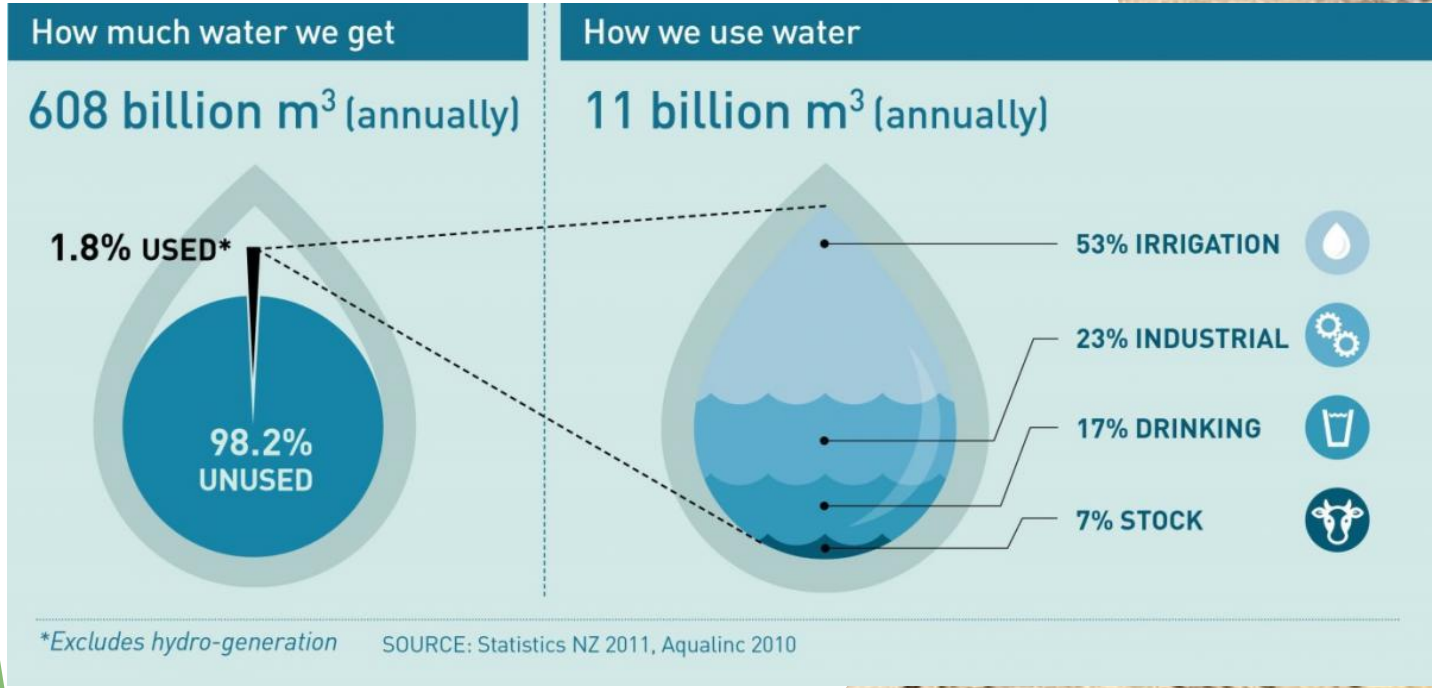
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WASTE AND WASTEWATER

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REQUIRES INFRASTRUCTURE

The world suffers

The Russians destroyed this lake

- ▶ Irrigation for cotton fields



What has been done?

Tree House (Singapore)



Tree House Singapore

Biggest vertical garden

More than 2,300m²)

→ save more than €400,000 in energy and water costs annually



Research Center Canada

Generates more energy than it
consumes annually



The Edge – Amsterdam

World smartest building
4100 m² solar panels

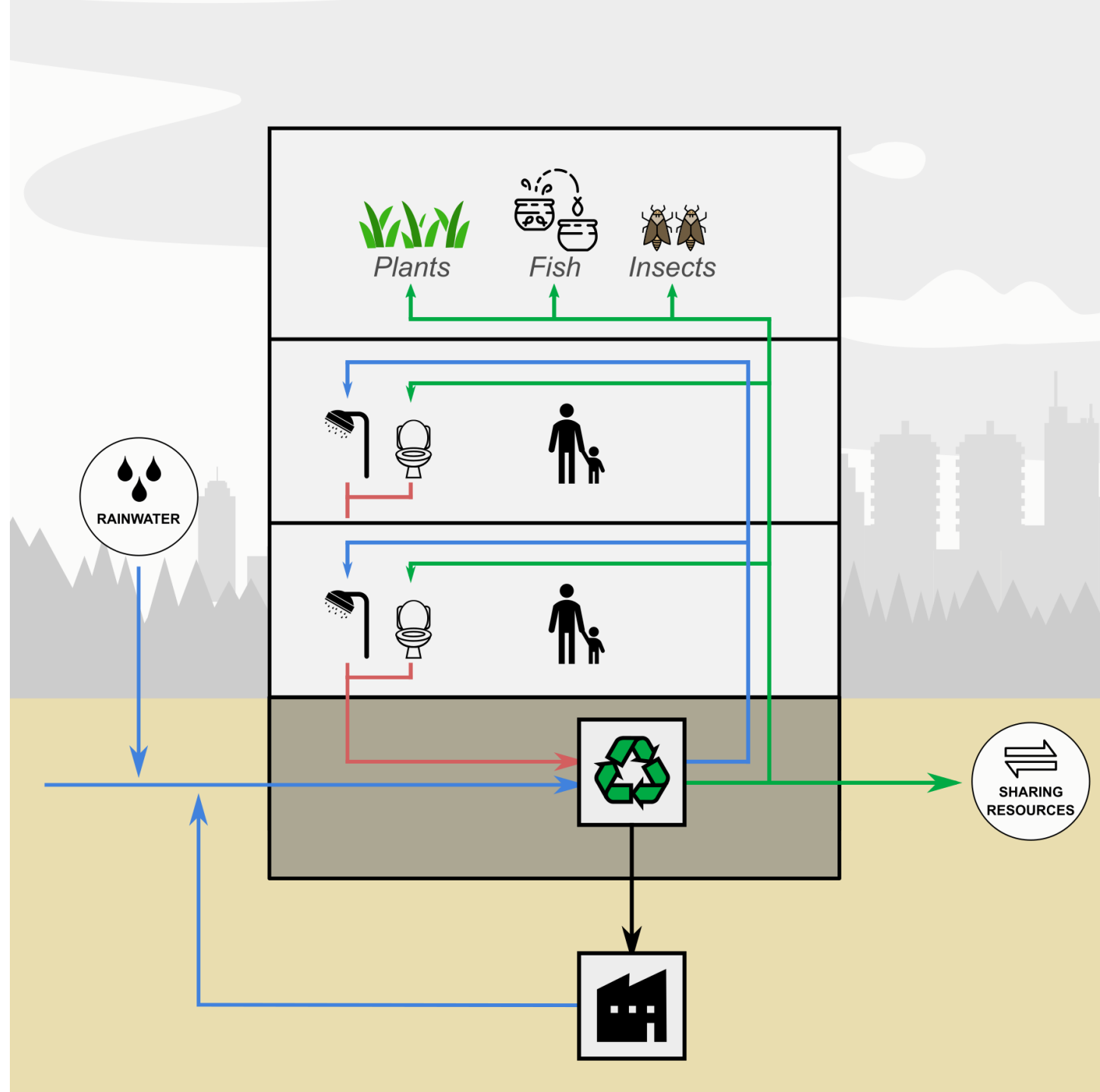


We have a dream...

*“...to integrate people in an
affordable and **efficient** loop of living.”*

Our Concept

- ▶ Urban farming
- ▶ Rainwater
- ▶ Water qualities
- ▶ Second loop
- ▶ Sharing resources



Conclusion

*“Why is the usage of **freshwater** a problem in the future?”*

The result is a modernized building where the focus is recycling, in other words
“The Loop of Water”

QUESTIONS ?

