



SOLAR CANALS

AS AN ALTERNATIVE
TO ADVANCE IN
RENEWABLE ENERGY
PRODUCTION AND
WATER
CONSERVATION
EFFORTS

Lamboglia Conrado - Civil
Engineering Student

Universidad Tecnológica
Nacional, Facultad Regional
Paraná

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- Requirements and structure
 - Benefits and potential
 - Disadvantages
 - First test

MAP OF THE PRESENTATION

REQUIREMENTS AND STRUCTURE



Requirements

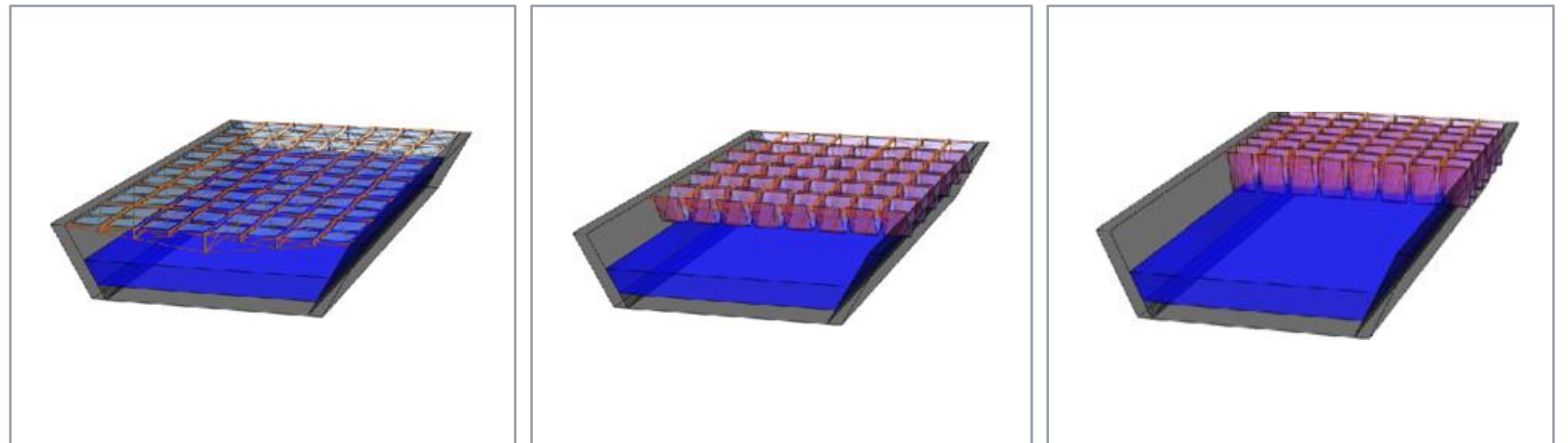
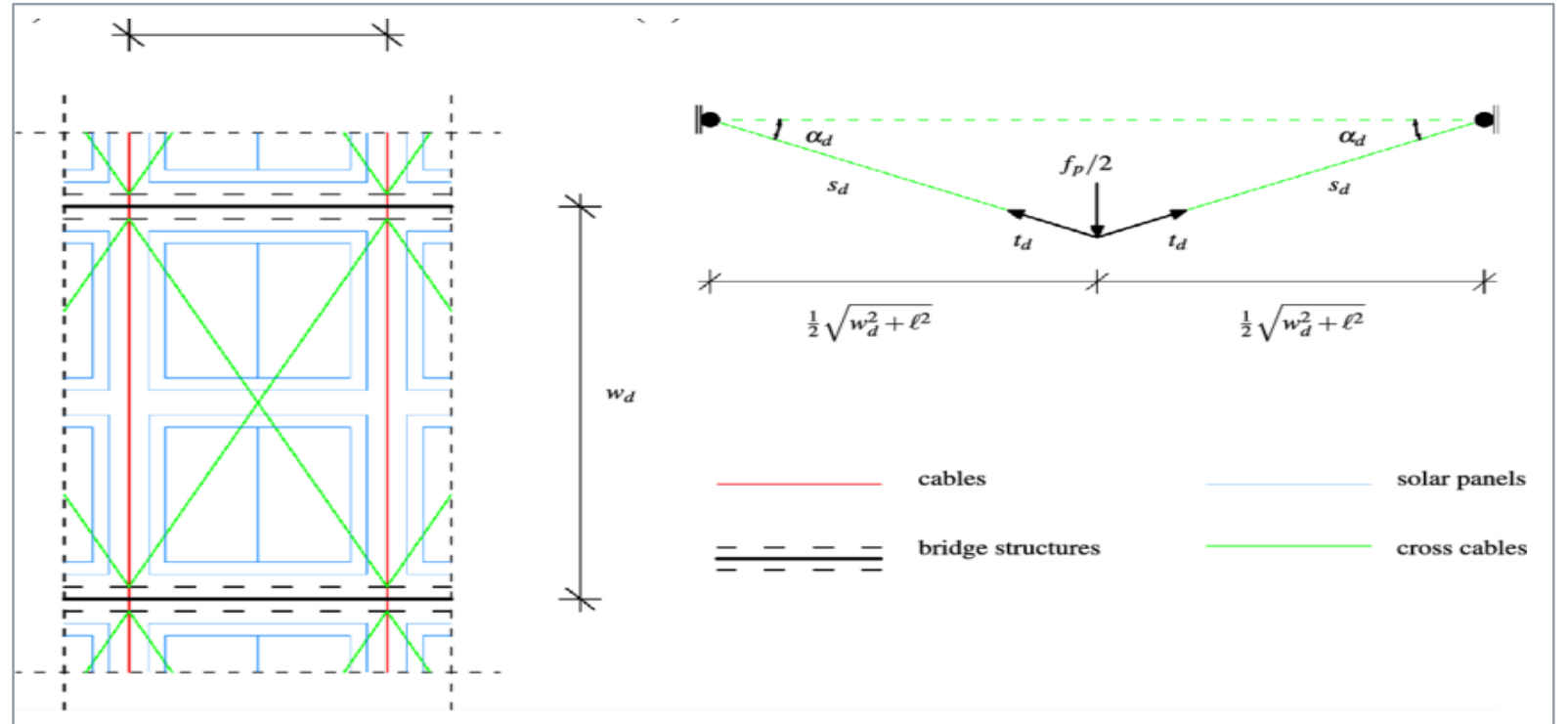
- Finding the right place



REQUIREMENTS AND STRUCTURE

Structure

- Design
- Configurations
- Composition



BENEFITS AND POTENTIAL

Benefits

- Building speed
- Reducing water loss
- Reducing the temperature of the water
- Reducing transmission costs

Potential

- Every 24,000 Kilometers, the amount of energy produced is 18,000 MW and it could save up to 200 billion liters of water





DISADVANTAGES

- Infrastructure
- Maintenance
- The use of large amount of land
- Future impact on the enviroment



FIRST TEST

- Starting date: 2018- 2019
- Place : Gujarat, India
- Pilot Project
- Current state





CONCLUSION

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THANKS FOR YOUR ATTENTION



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Author: Conrado Cayetano Lamboglia

Career Path: Civil Engineering

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Teachers:

Graciela E. Yugdar Tófalo (Prof. Titular)

Edith Mercaich Sartore (JTP)

María Laura Sollier (JTP)

Valeria Beatriz Villamonte (JTP)

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