# Cyber-physical space

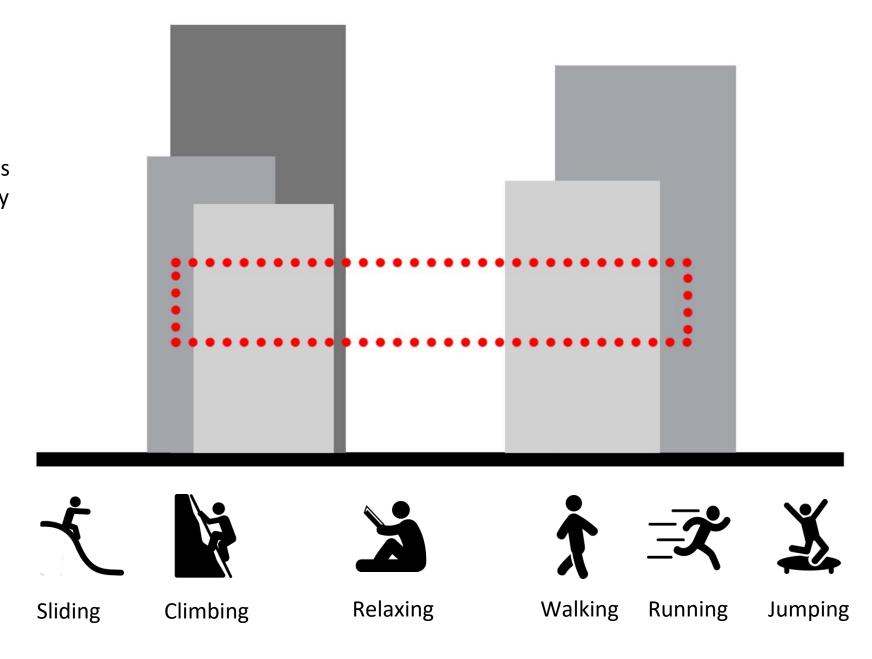
Midterm presentation

Ginevra Nazzarri Leander Bakker Erik Bakker

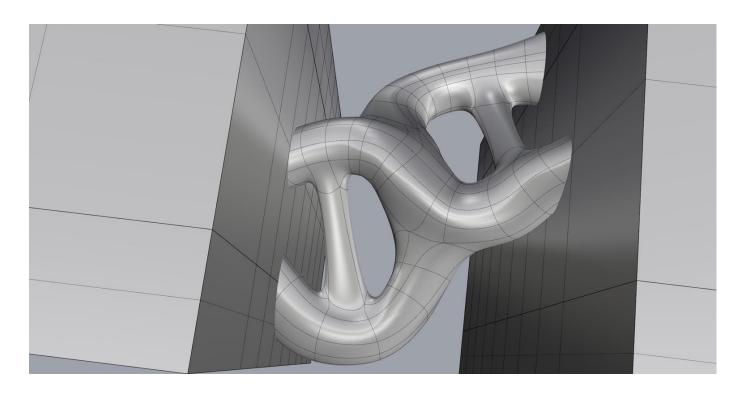
**GROUP 3** 

### Vision

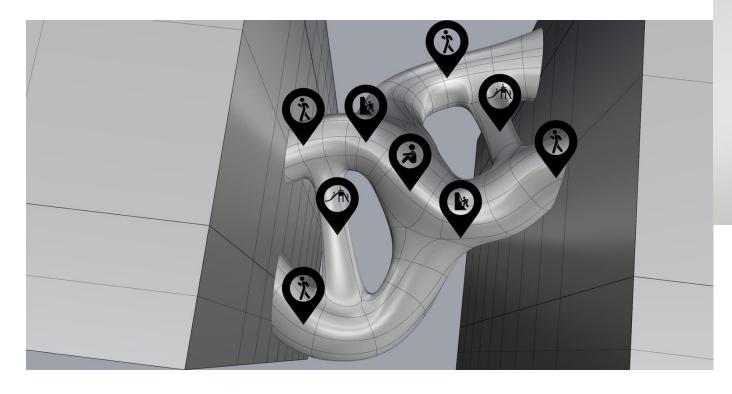
Creating a (sub) level within the existing city that connects people and their buildings. By creating an interactive playground.

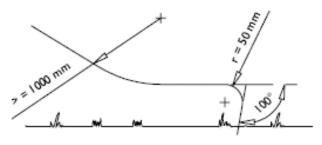


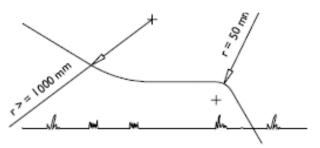
# Structure / shape

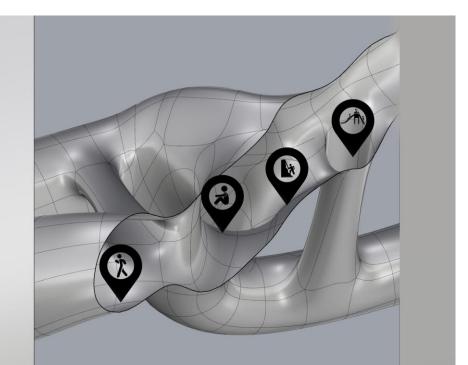


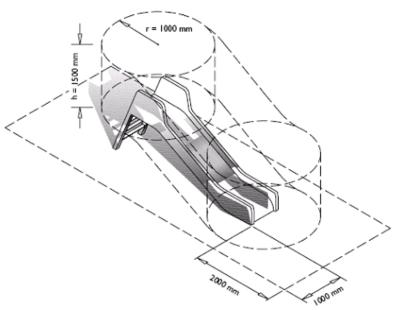
## **Activities**







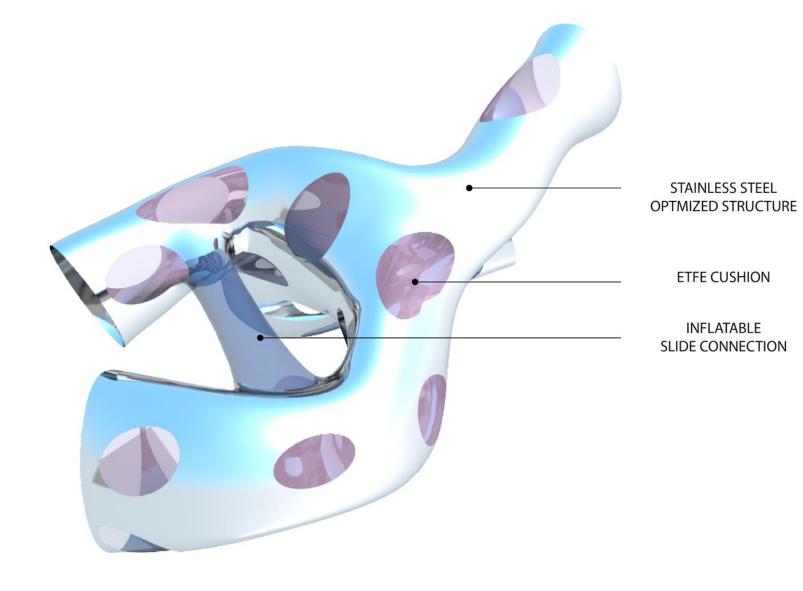




Bron: Handboek veiligheid van speelgelegenheden, 2003

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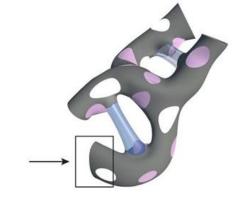
# Section

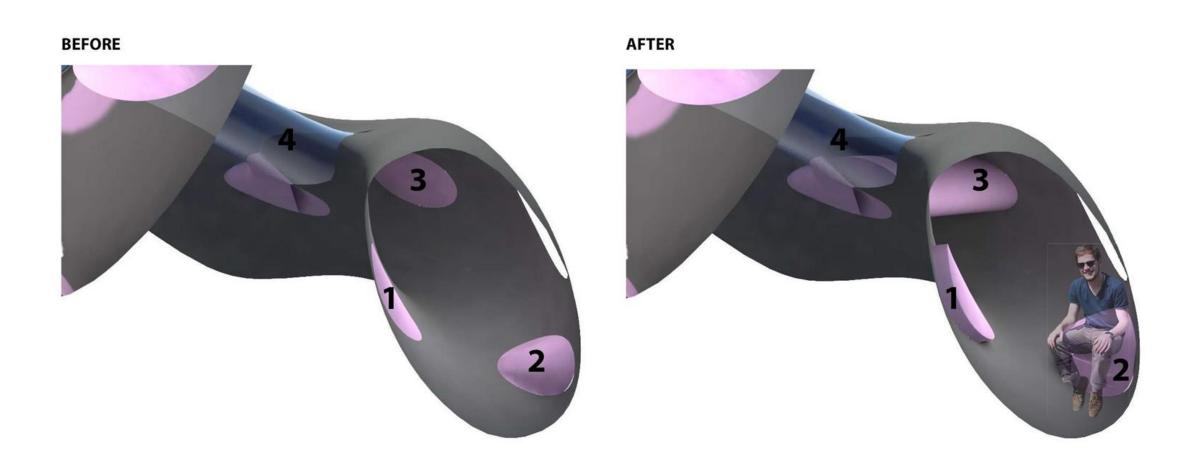


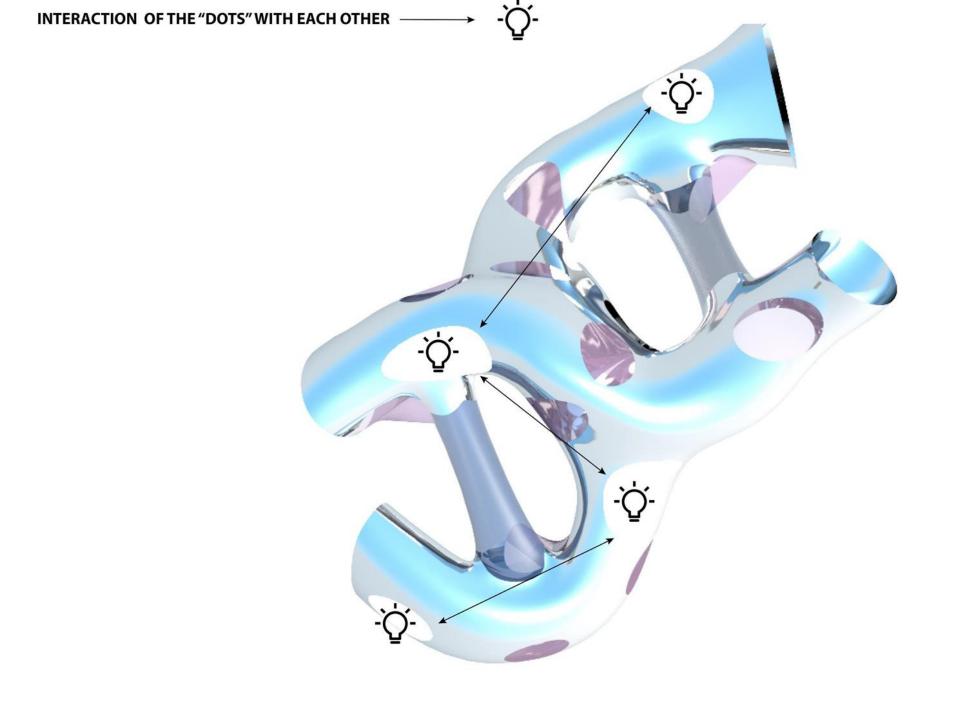


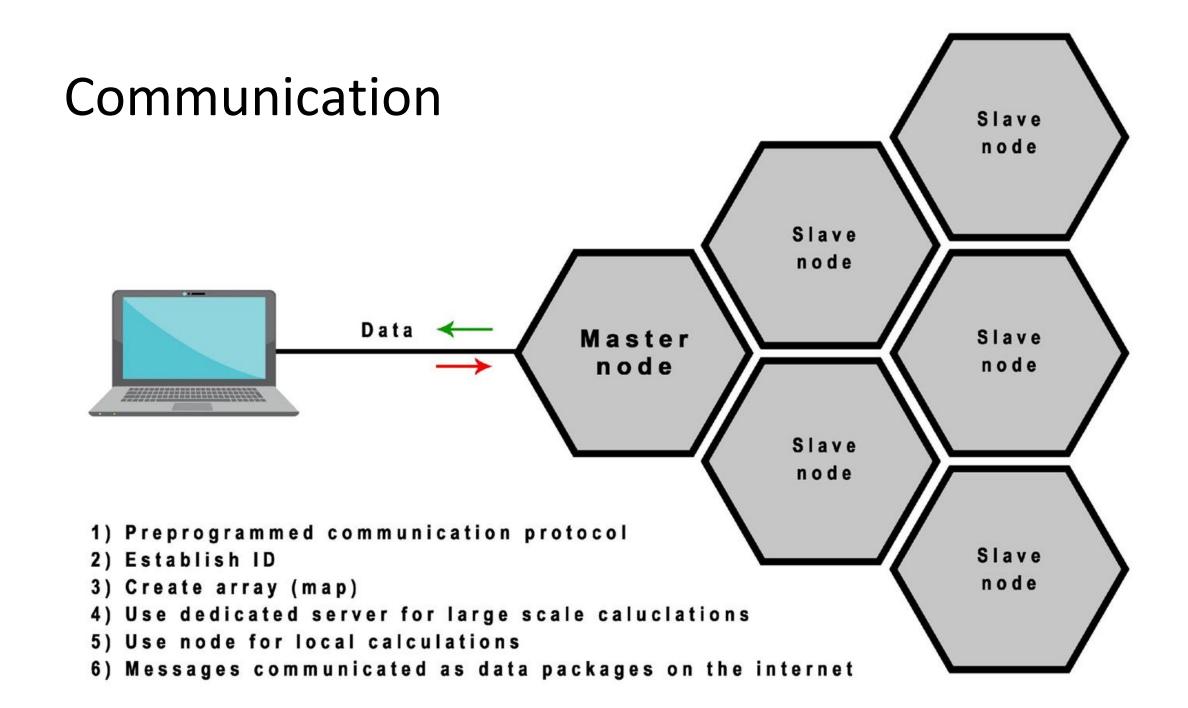
#### INTERACTION OF THE "DOTS" WITH THE PEOPLE

- 1. BLOW LEVEL 1
- 2. BLOW SEAT LEVEL
- 3. BLOW FROM ONE SIDE TO THE OTHER
- 4. OPENING IN THE SLIDING CONNECTION



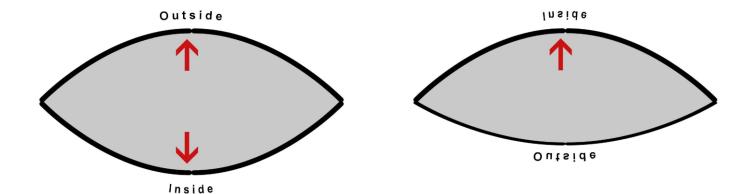


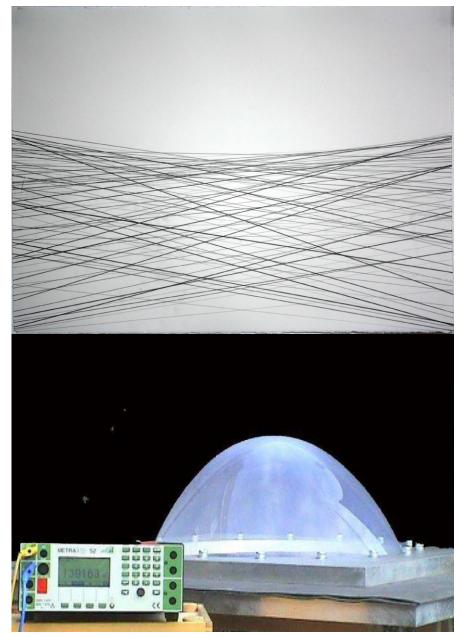




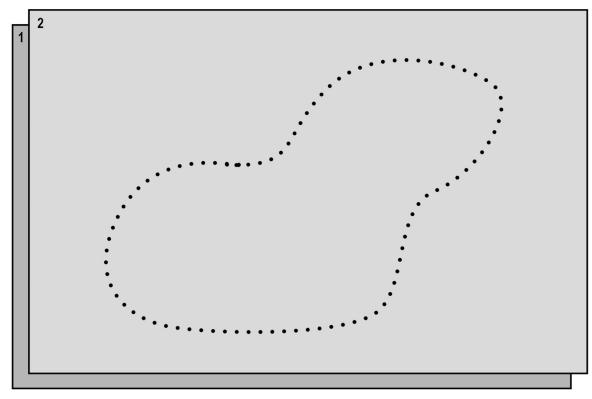
#### Fiber reinforced foil

- 1) Wires limiting expansion on one side
- 2) Line intensity leads to difference in opacity
- 3) Potential to integrate LEDs with conductivity wires





# D2RO strategy / materialization



Welding sheets



Pattern printing

#### Conclusion

- Redefined the shape to its activities
- Integration of structure and interactive elements
- Translating design into robotic operations