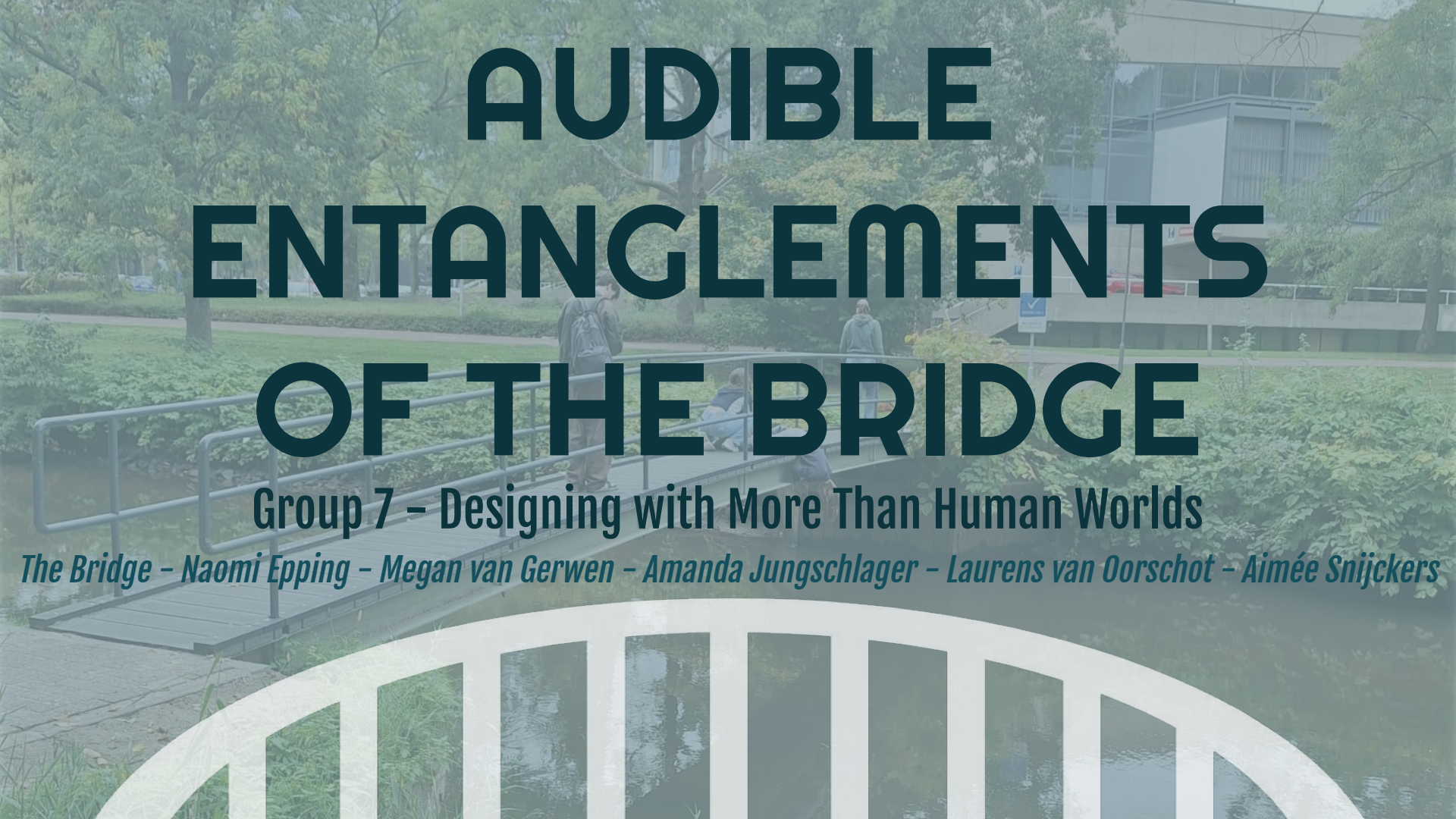


The background image shows a park scene with a metal bridge over a body of water. Several people are walking on the bridge. In the background, there is a modern building with large windows and a glass facade. The scene is surrounded by lush green trees and foliage. The text is overlaid on this image.

AUDIBLE ENTANGLEMENTS OF THE BRIDGE

Group 7 – Designing with More Than Human Worlds

The Bridge – Naomi Epping – Megan van Gerwen – Amanda Jungschlager – Laurens van Oorschot – Aimée Snijckers

ENTANGLEMENTS OF THE BRIDGE



The stream



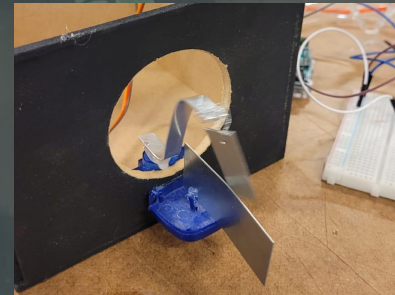
The sun

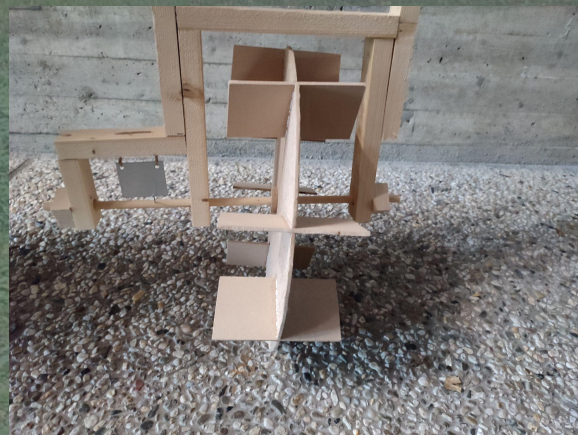


Humans and
other animals

THE DESIGN

- Entanglements expressed by sound
- Metal against metal
- Soft noises

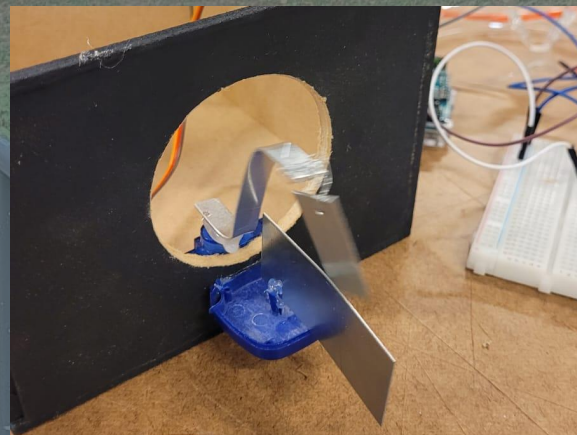




- MDF and wooden water mill
- Nail on metal plate



- Solar sensor
- Servo through metal bead curtain



- Piezo disk
- Servo with metal hanger on metal plate

Very dear Bridge.

We are the humans Laurens van Oorschot, Naomi Epping, Megan van Gerwen, Amanda Jungschlager and Almée Snijckers. We are students at the Technical University of Eindhoven, where you are located. We study Industrial Design and we want to give you a voice. We are excited to get to know you and collaborate with you and the Dommel. The reason we send you this letter is because we follow the course 'Designing with more-than-human worlds', and we have chosen you as our more-than-human kin, who we would like to get to know better in order to design with and for you. In the past week we have visited you twice already; you might have even recognized us already, but do not worry if you did not. During the upcoming seven weeks you will get to know us well and we hope we can bridge the gap between you and us and get a sense of how you see the world.

Every day, you give humans and animals alike an opportunity to cross the waters below with dry feet. You ask for nothing in return, which is very noble of you. Did you know that you are a very symbolic monument? You get used in stories for symbolism for connection, diplomacy and overcoming obstacles (MyMythos, 2025). What do you think of this?

You were carefully designed considering physics and aesthetics. But is this calculated load a fair representation of the load you experience? And do your aesthetics align with your identity? Do you feel comfortable in your environment?

Does it hurt when people walk over you? Do you get a sense of purpose from this or do you feel like people and animals just use you? How does it make you feel, to be created by humans for their own convenience? Do you have agency and identity outside of the purpose you serve for our kin? Would you like for us to help you achieve it? What would that look like, agency in an object created with an inherent servitude? What is your relation with other nonhumans in and around the Dommel? Would you like to change some of the relations you have or possibly create new relations? How can we strengthen the bond between you and the Dommel, by not just viewing you as a product by humans for humans, but as a part of the environment, that interacts with the river, the living and the dead parts



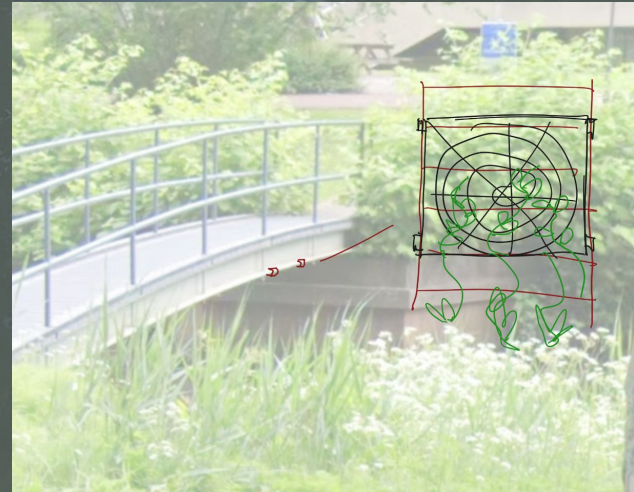
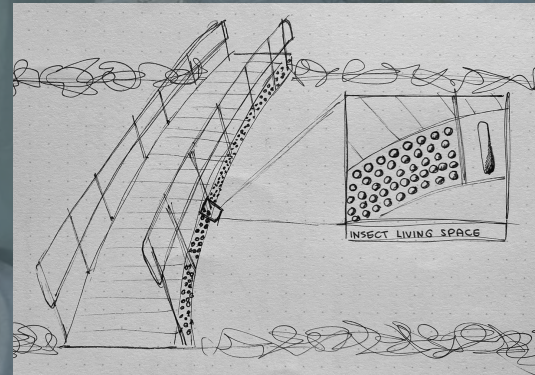
OUR PROCESS

- Learning to see the bridge entangled with its environment
- Seeing the bridge in different situations

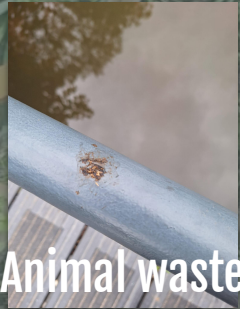
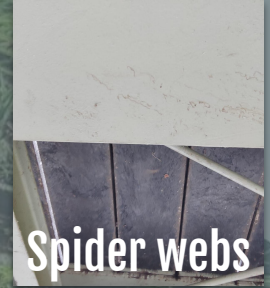


EARLIER ITERATIONS

- Barefoot path
- Spider web plant growers
- Insect living space
- Not much care for the whole Dommel environment
- Not taking existing entanglements into account



INVESTIGATING ENTANGLEMENTS



INSIGHTS

More than human approaches

- Entanglements
- Cohabitation

Insights

- Broader more than human context
- The bridge is more than a man-made tool

Learning with/from the bridge

- Bridge has a place in its environment
- Human infrastructure impacts more than human worlds



THANK YOU FOR LISTENING

