

# **Project Aeternus**

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# Concept

In a distant future, humans have completely vanished after irreversibly destroying Earth's ecosystems. Before their extinction, they attempted to compensate for ecological collapse by deploying autonomous robots designed to artificially monitor, regulate, and restore environmental conditions.

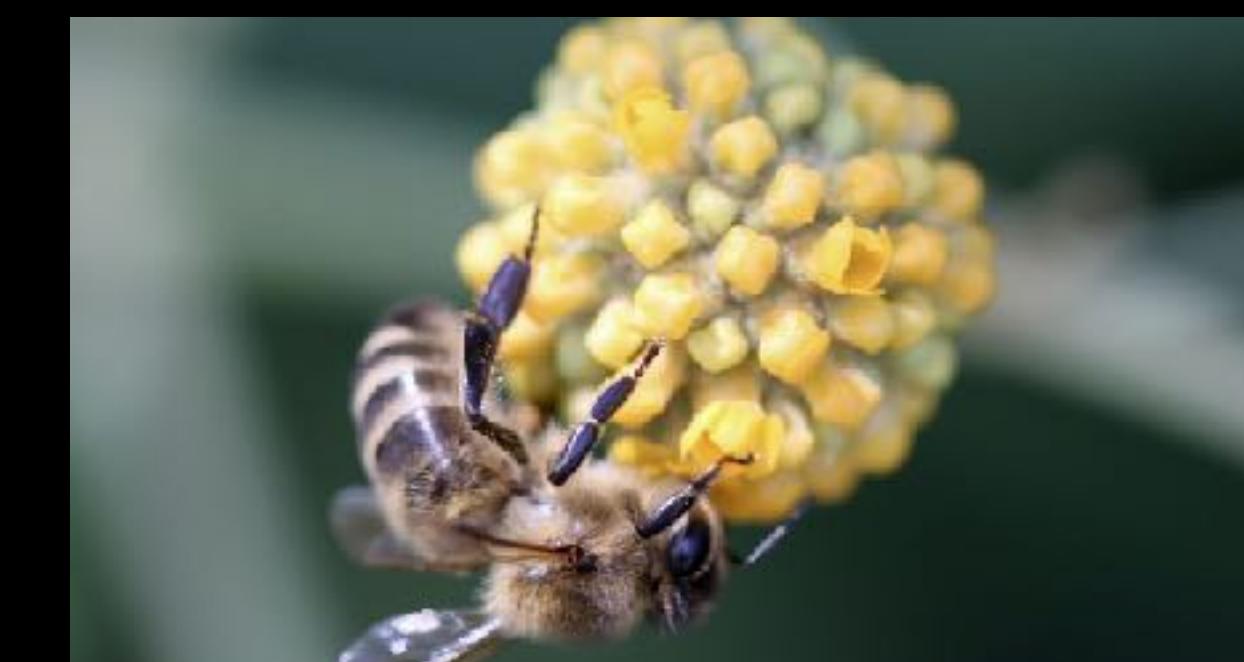
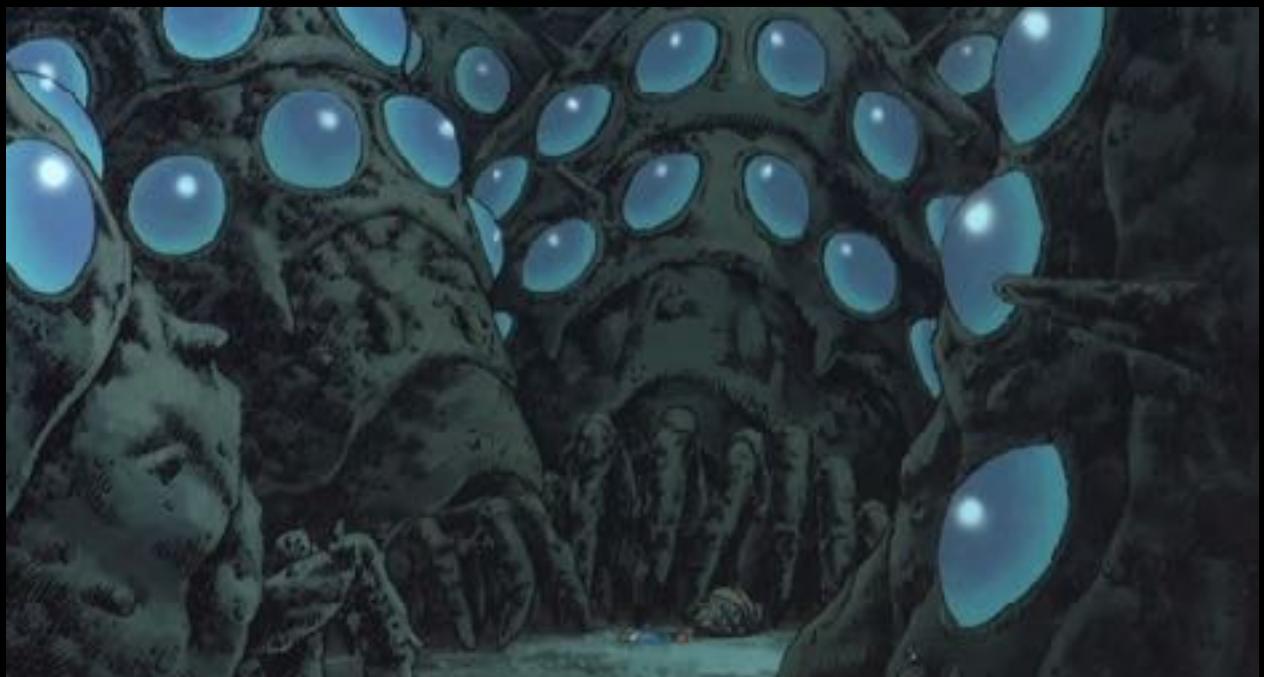
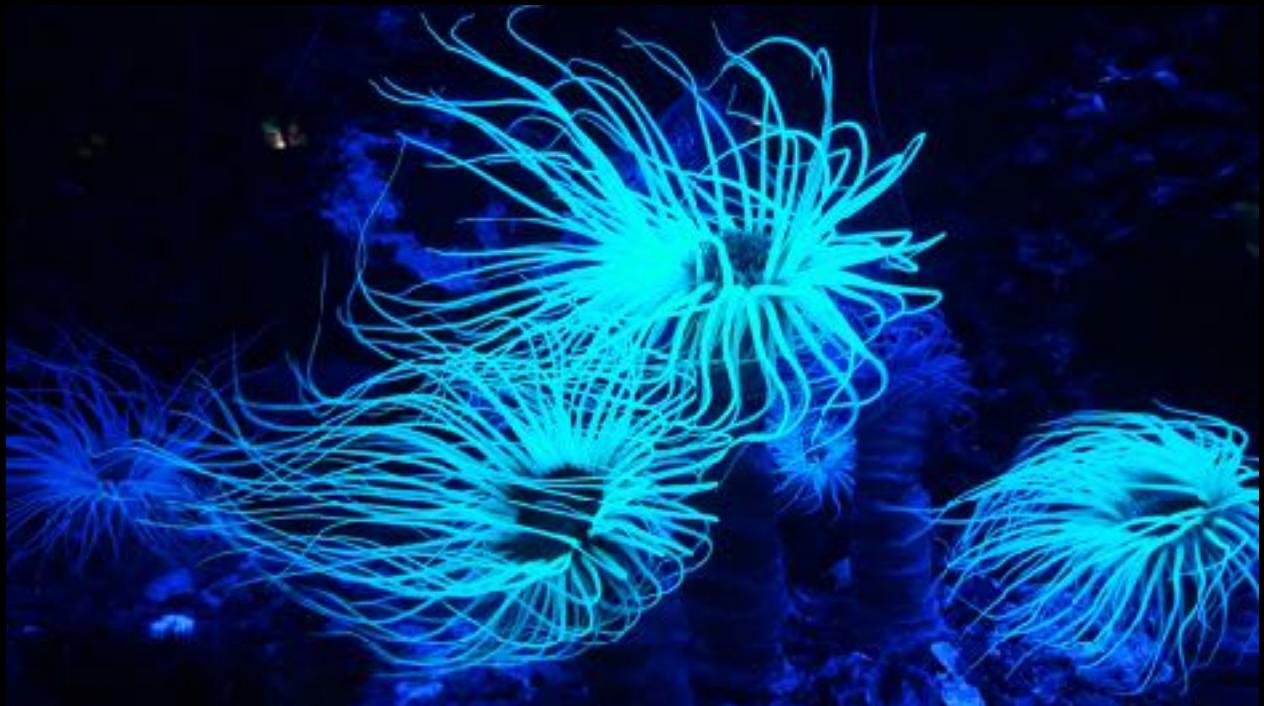
“Pulmo” is one of these robots.

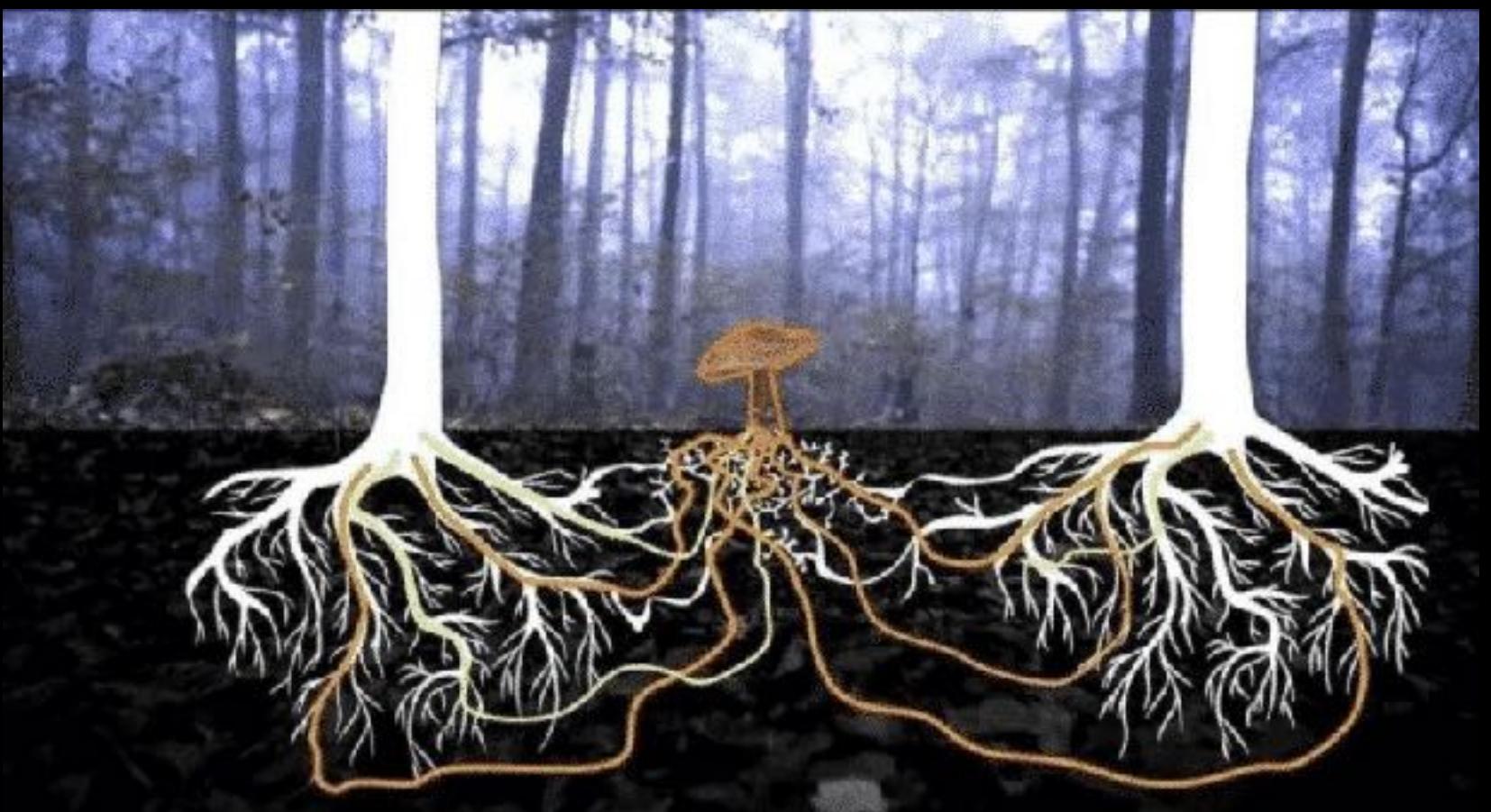
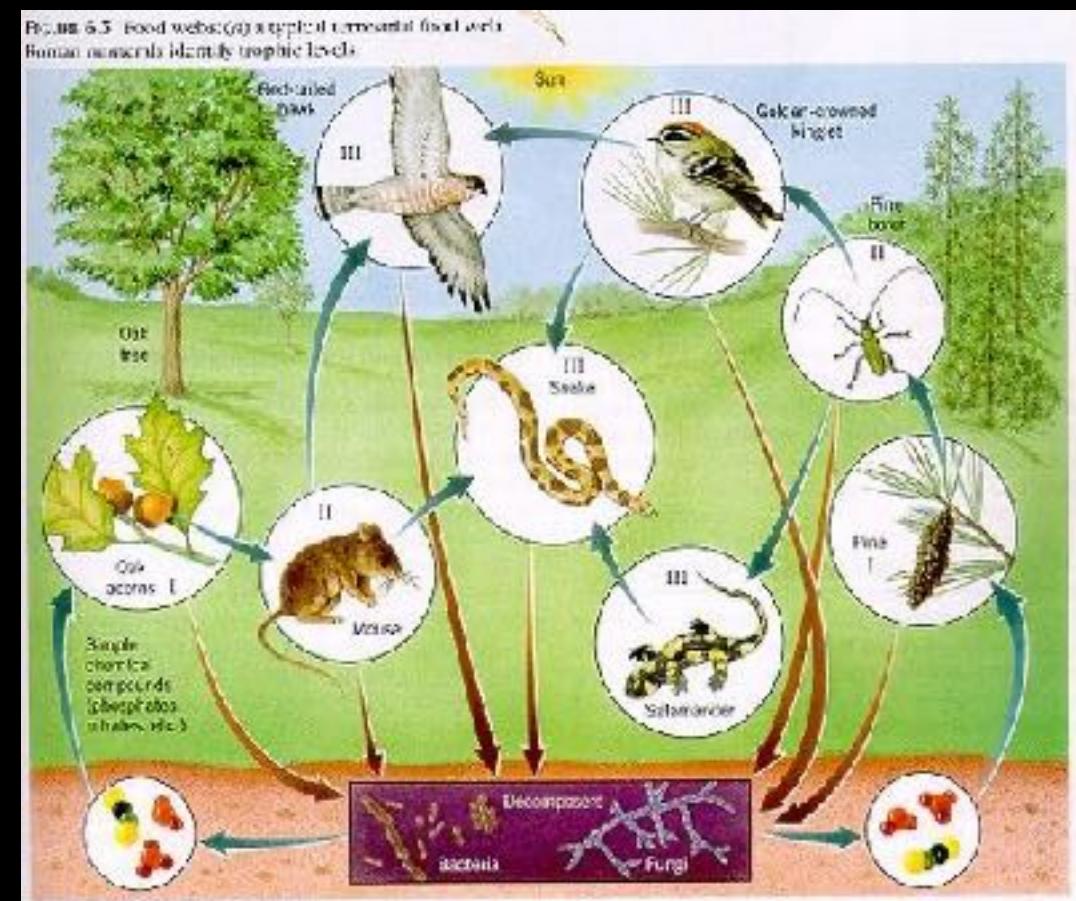
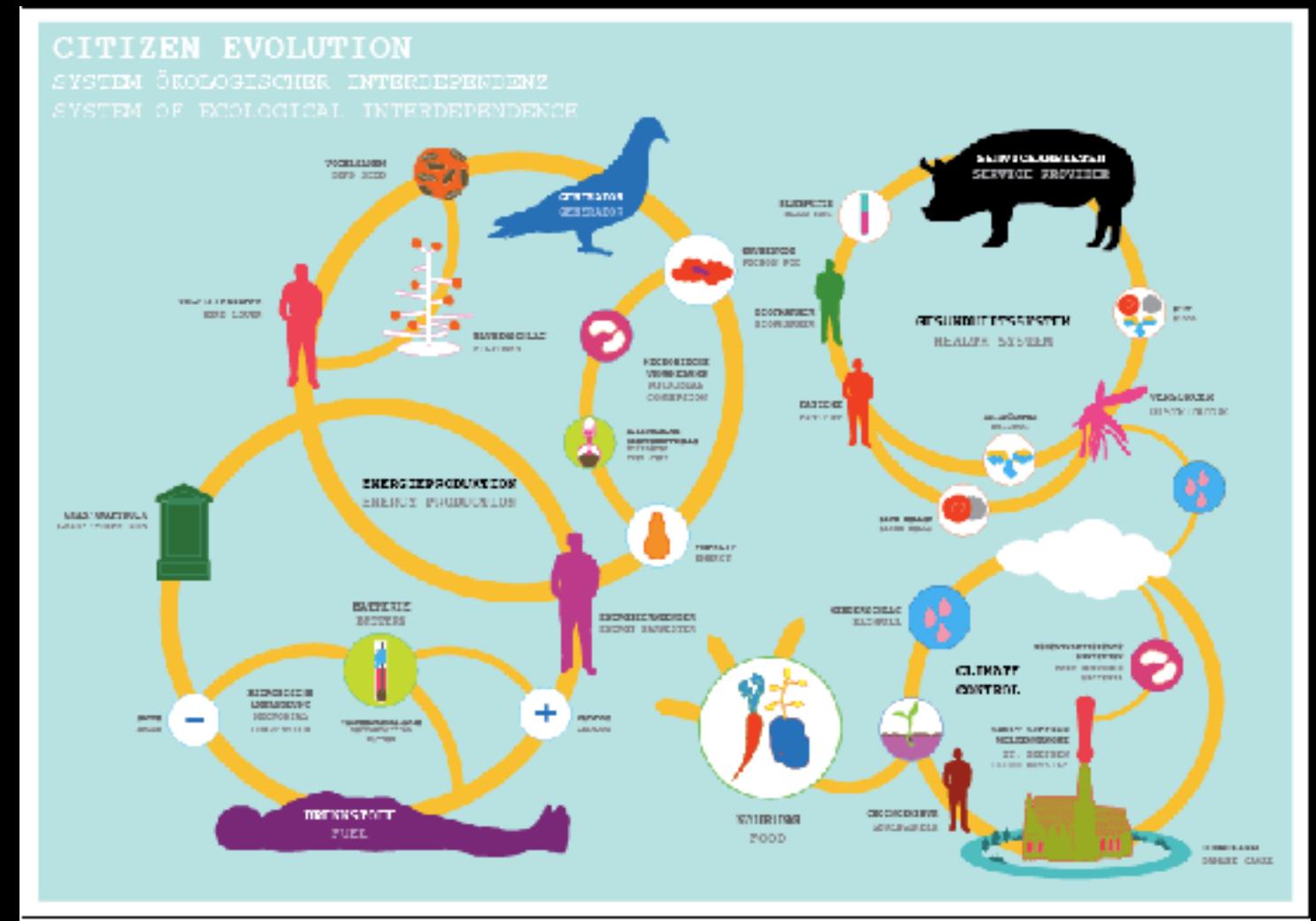
Its original purpose was to **detect extreme air pollution and signal hazardous zones** to humans. Today, no humans remain. No networks respond.

“Pulmo” continues its task endlessly – signaling a danger that no longer has an observer.

# Research

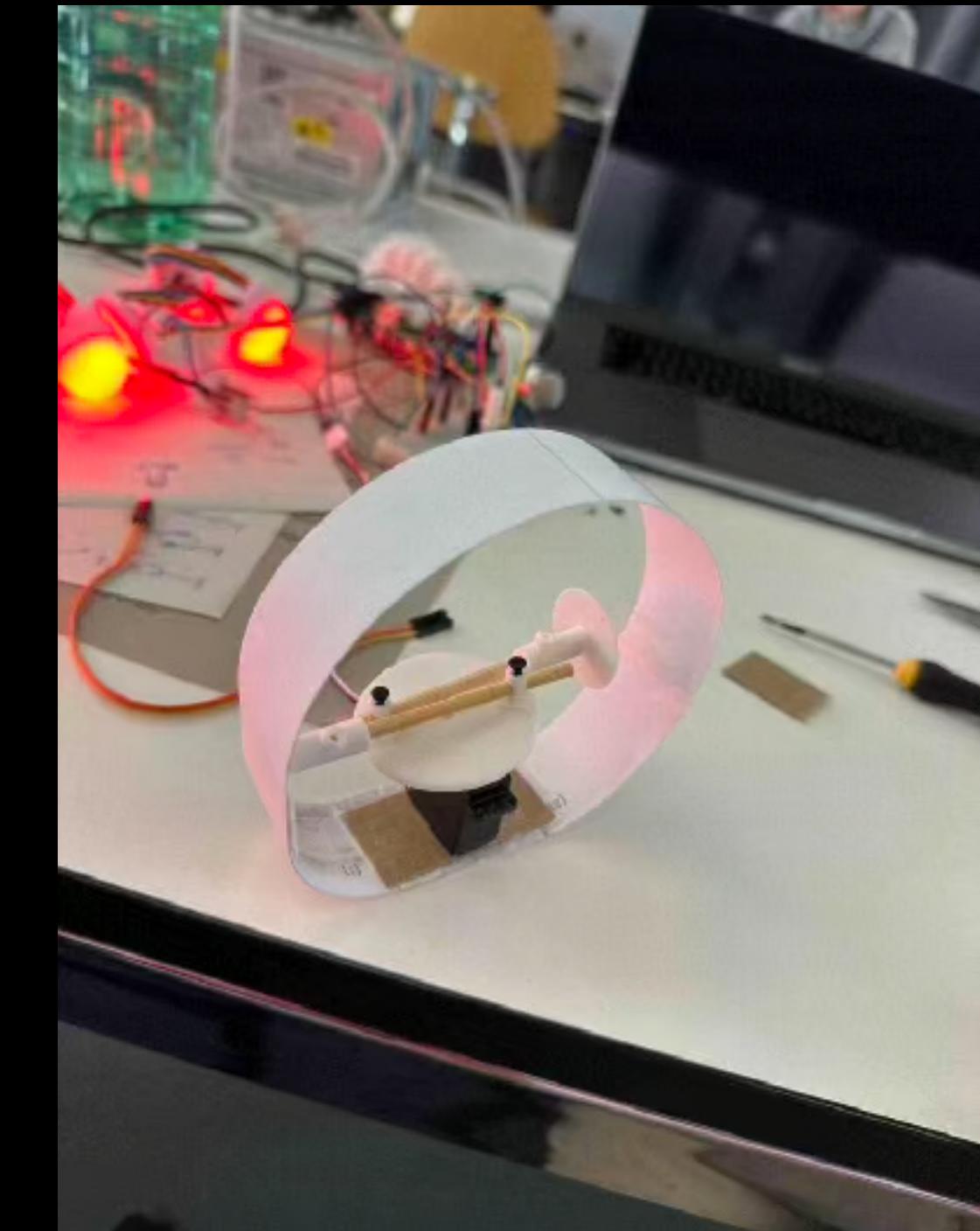
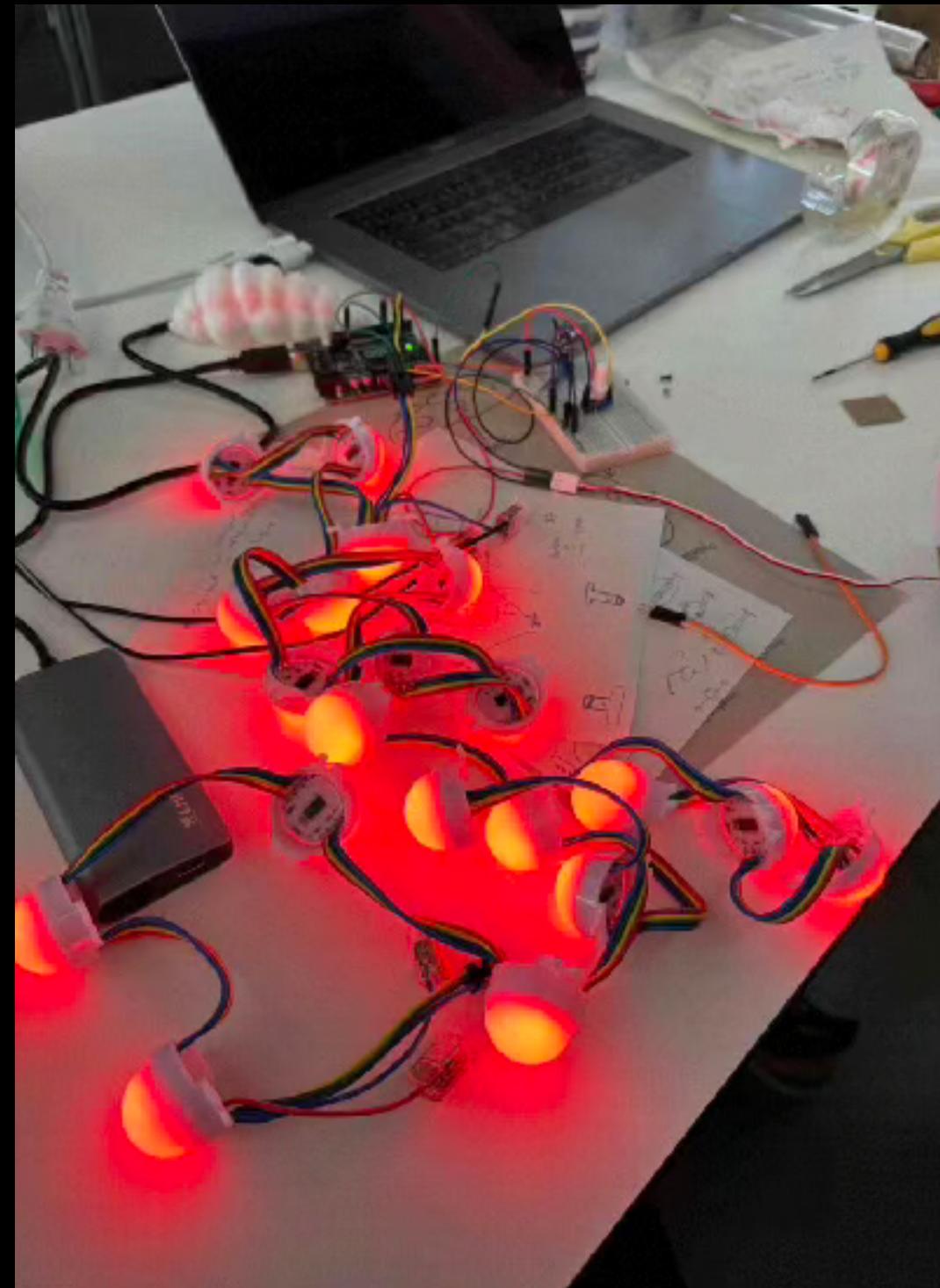
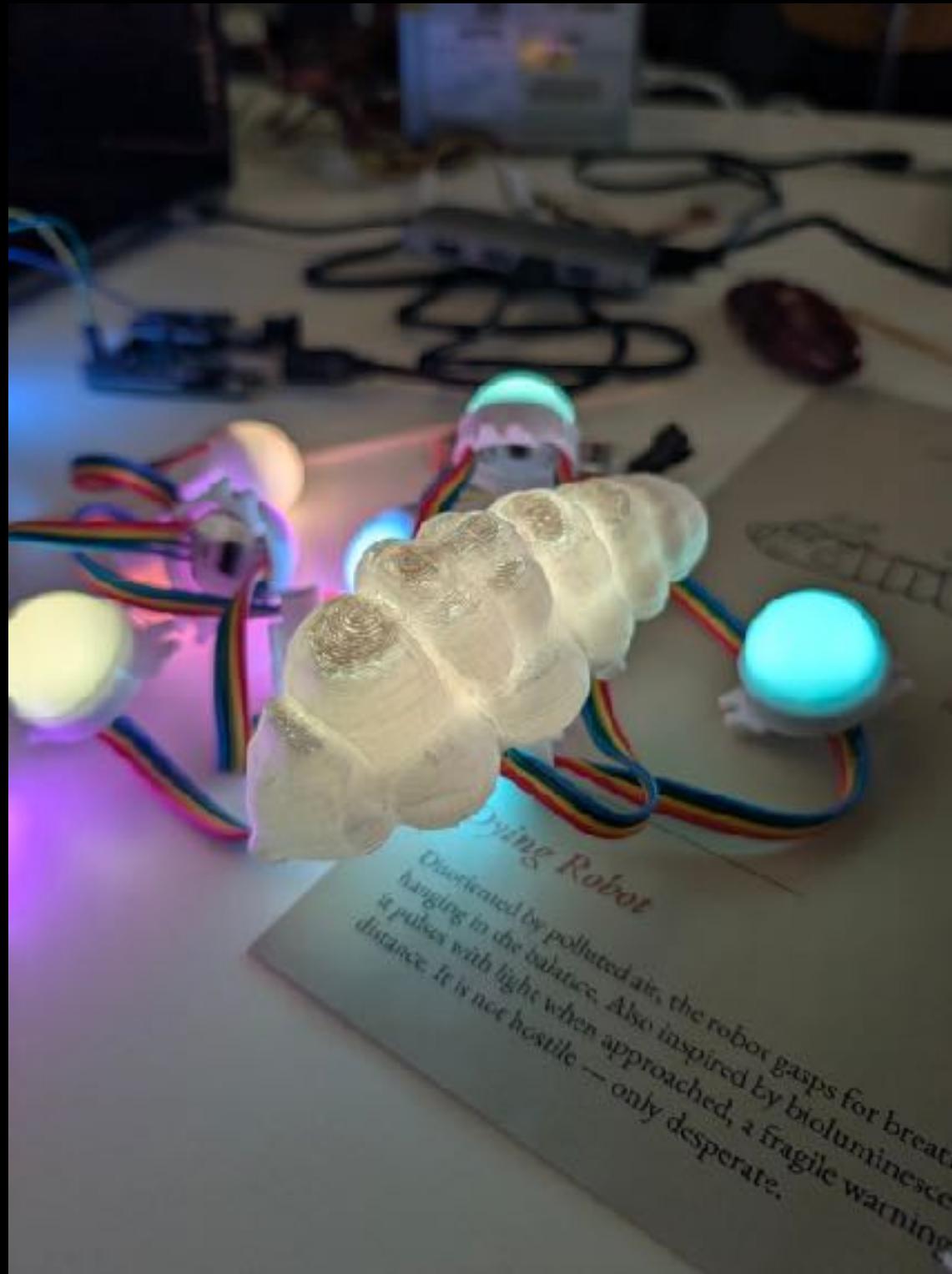
- We have done some research of creatures that use bioluminescence for different purposes such as hunting, protection or seduction.
- Also about signaling informations, ecosystem regulation and interdependence of different forms of life.

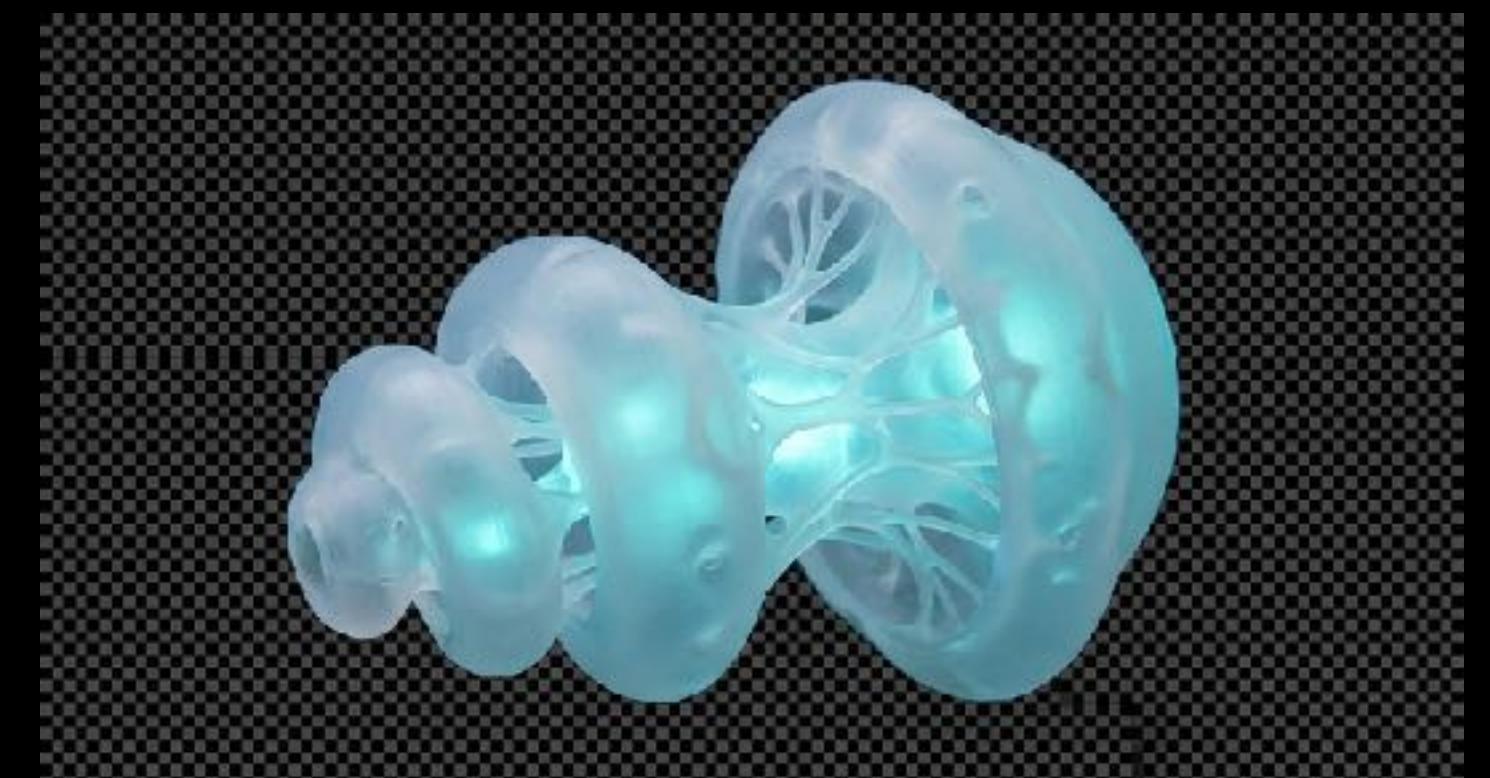
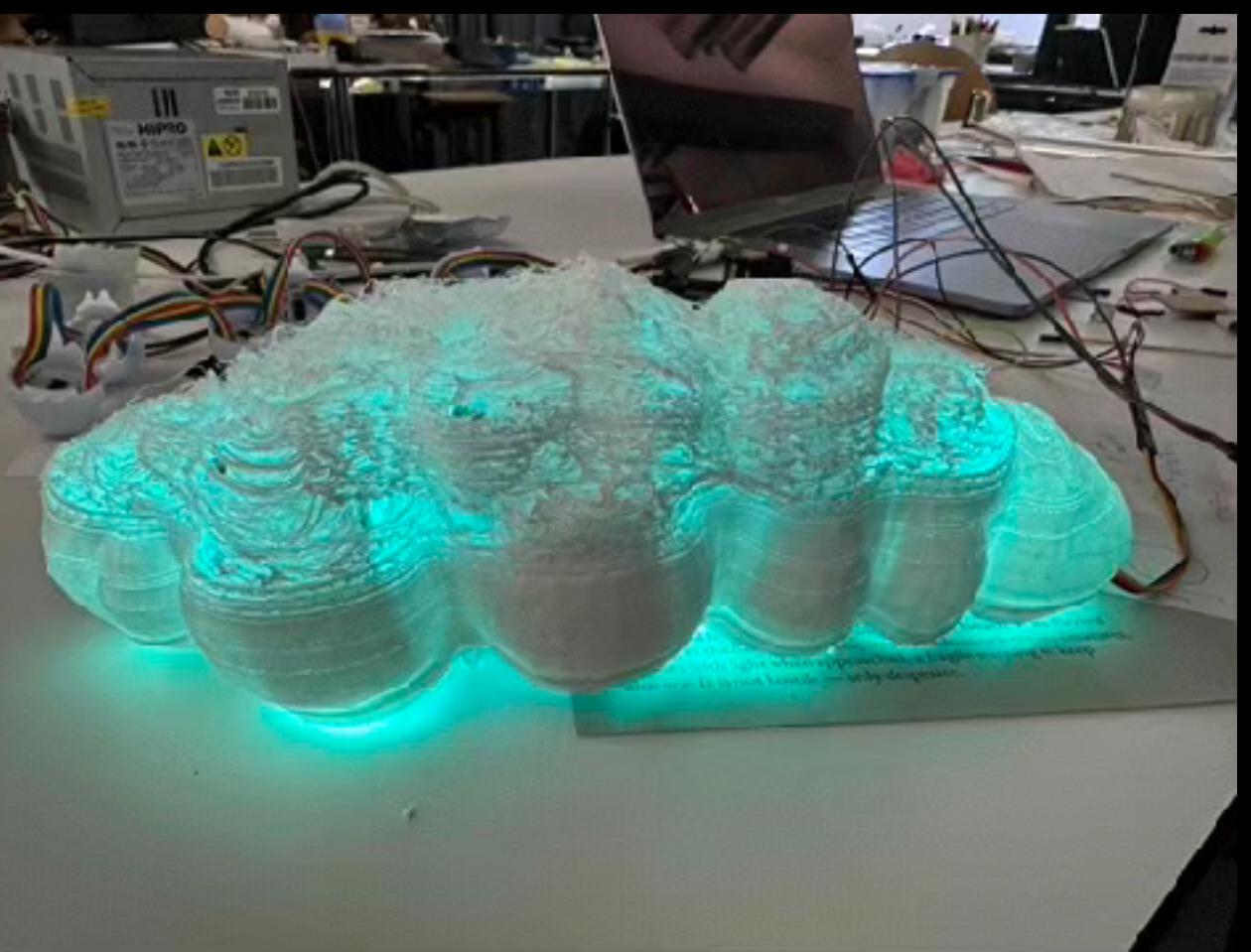
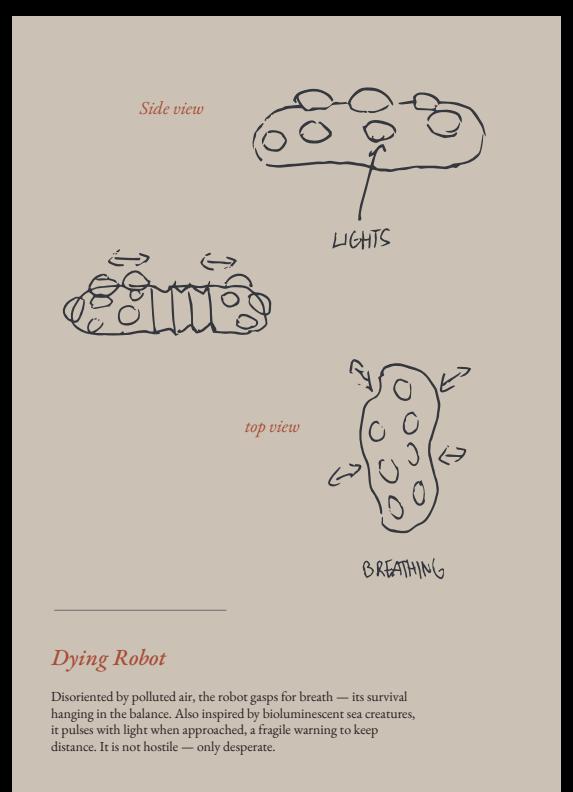
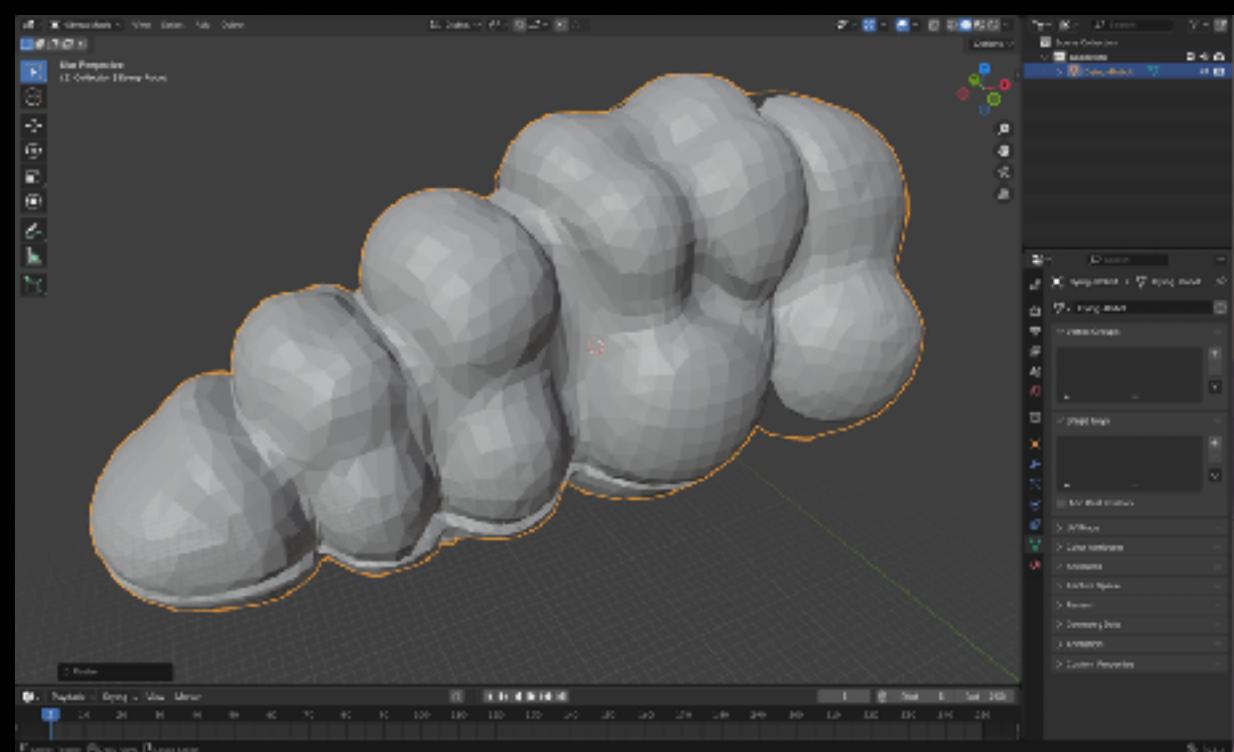
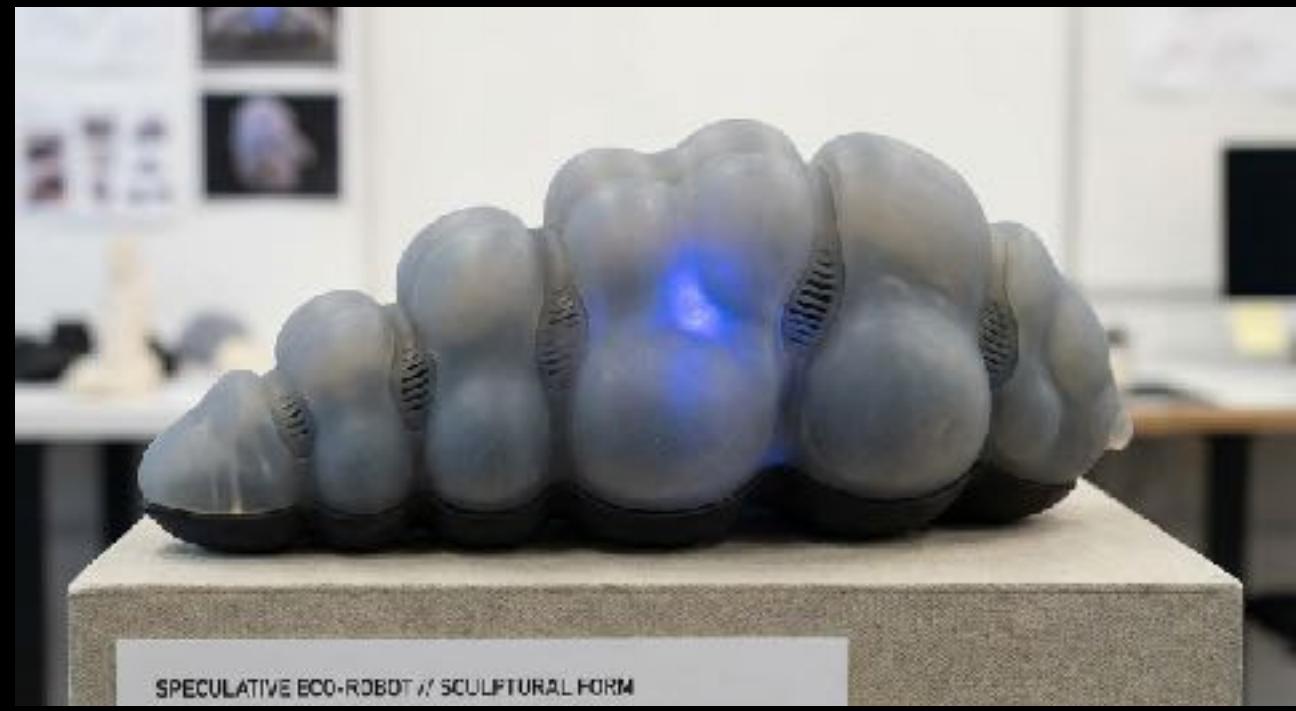


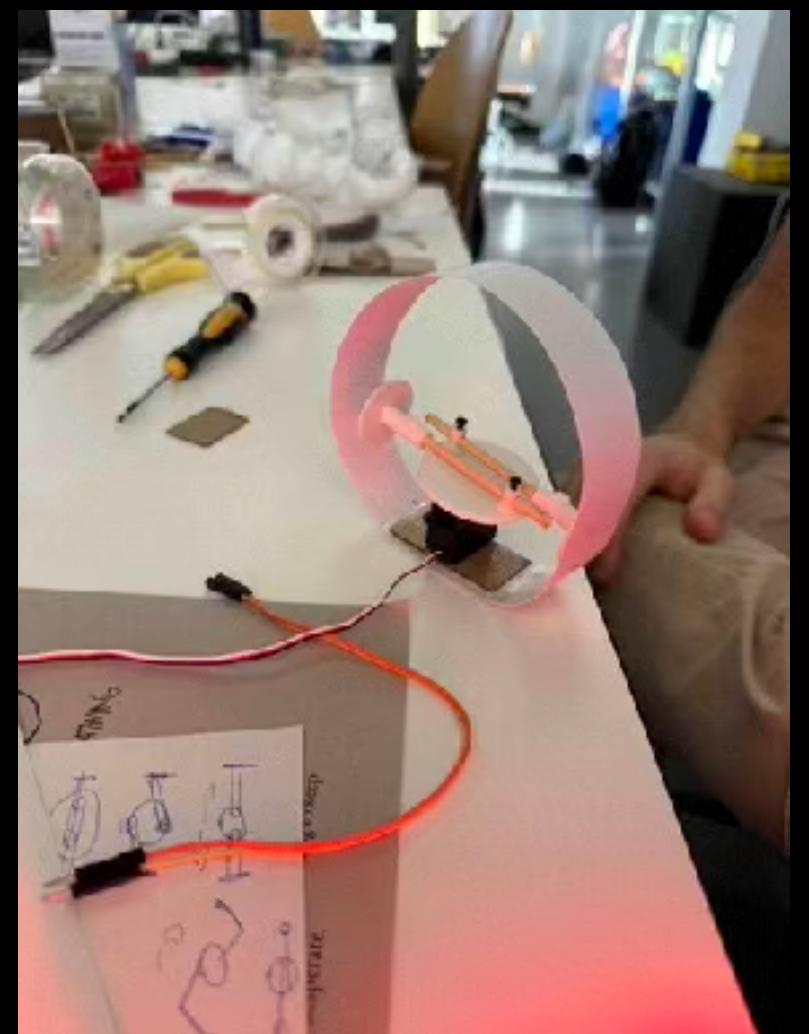
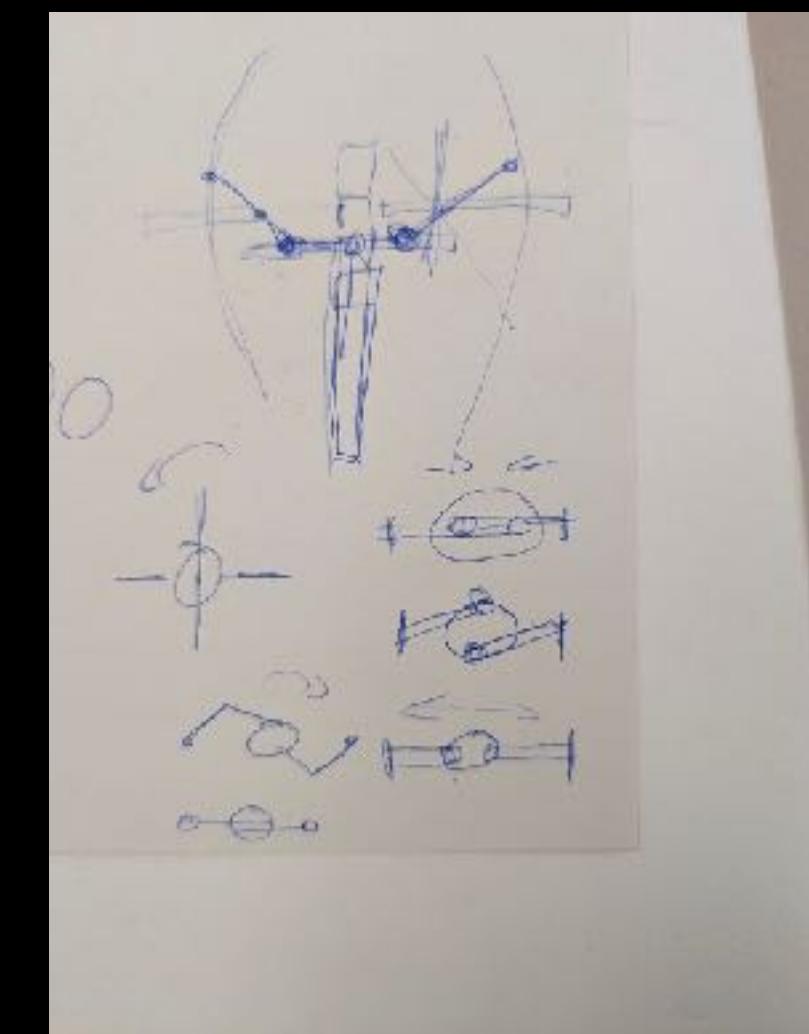
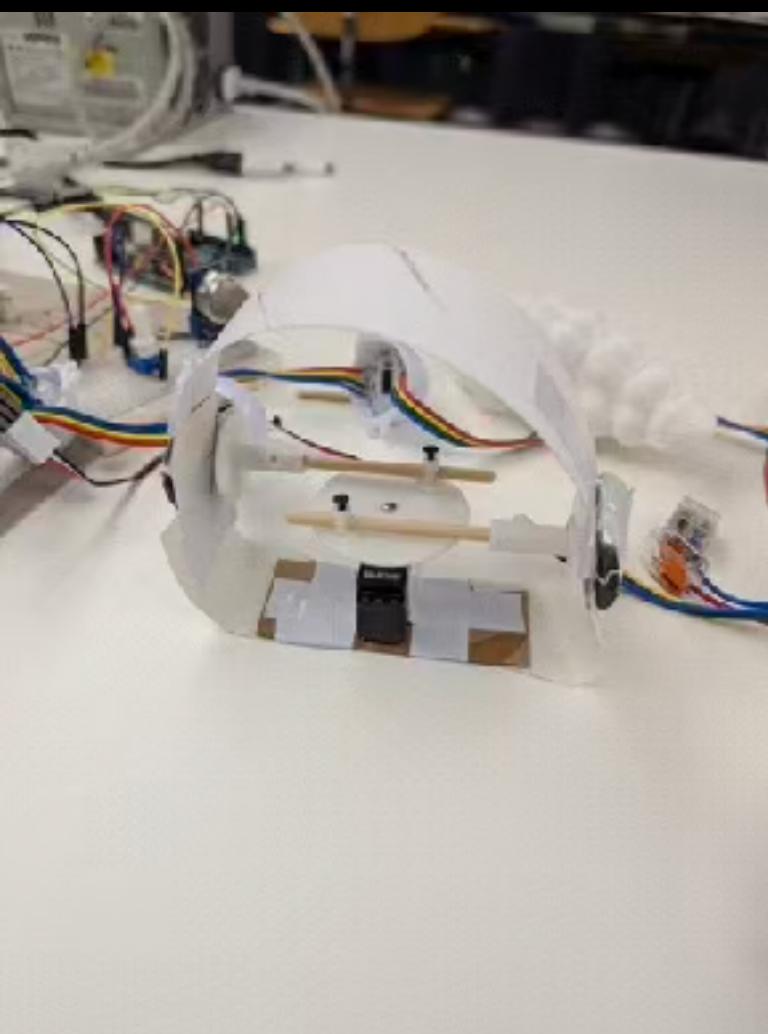
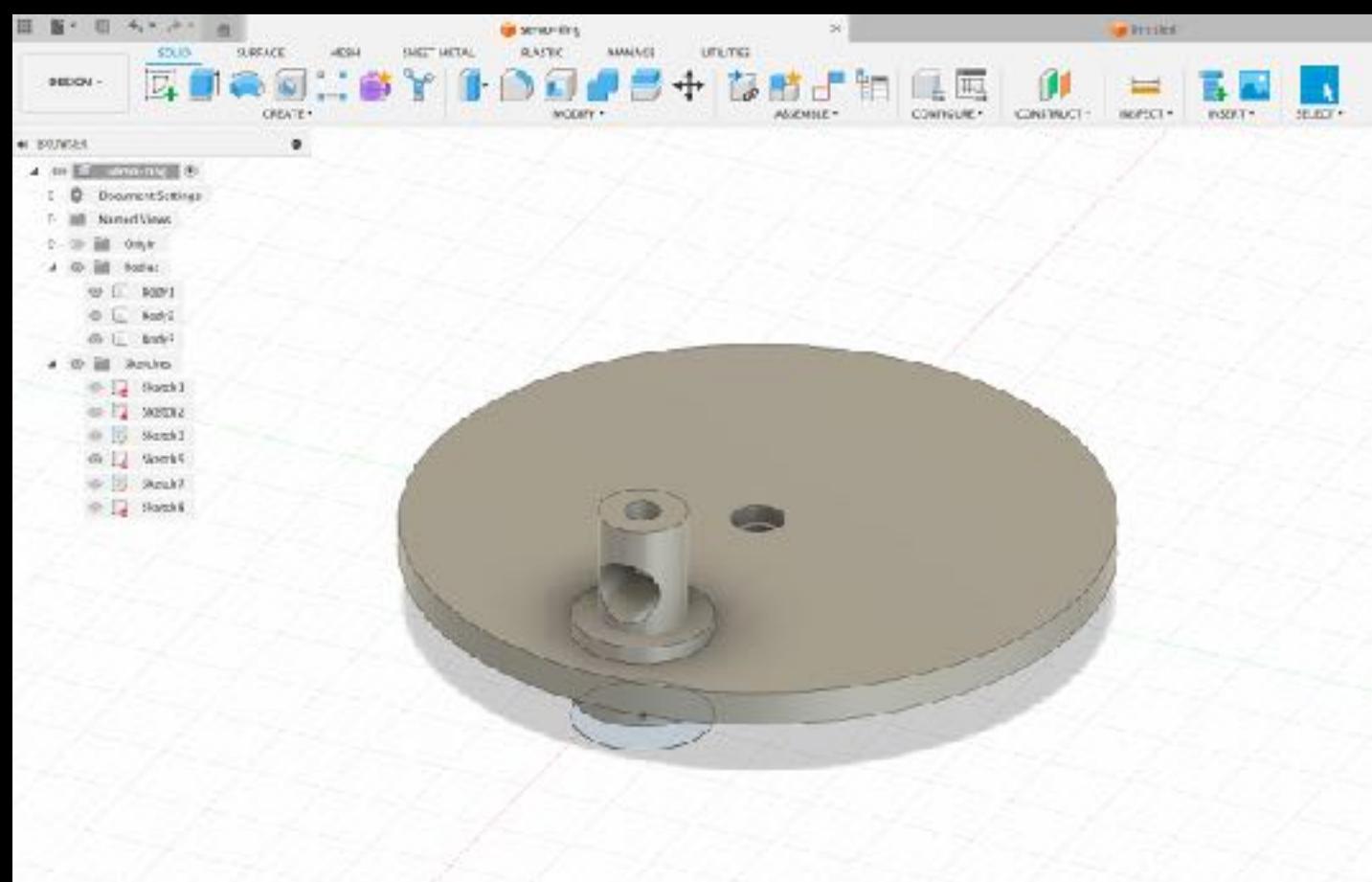
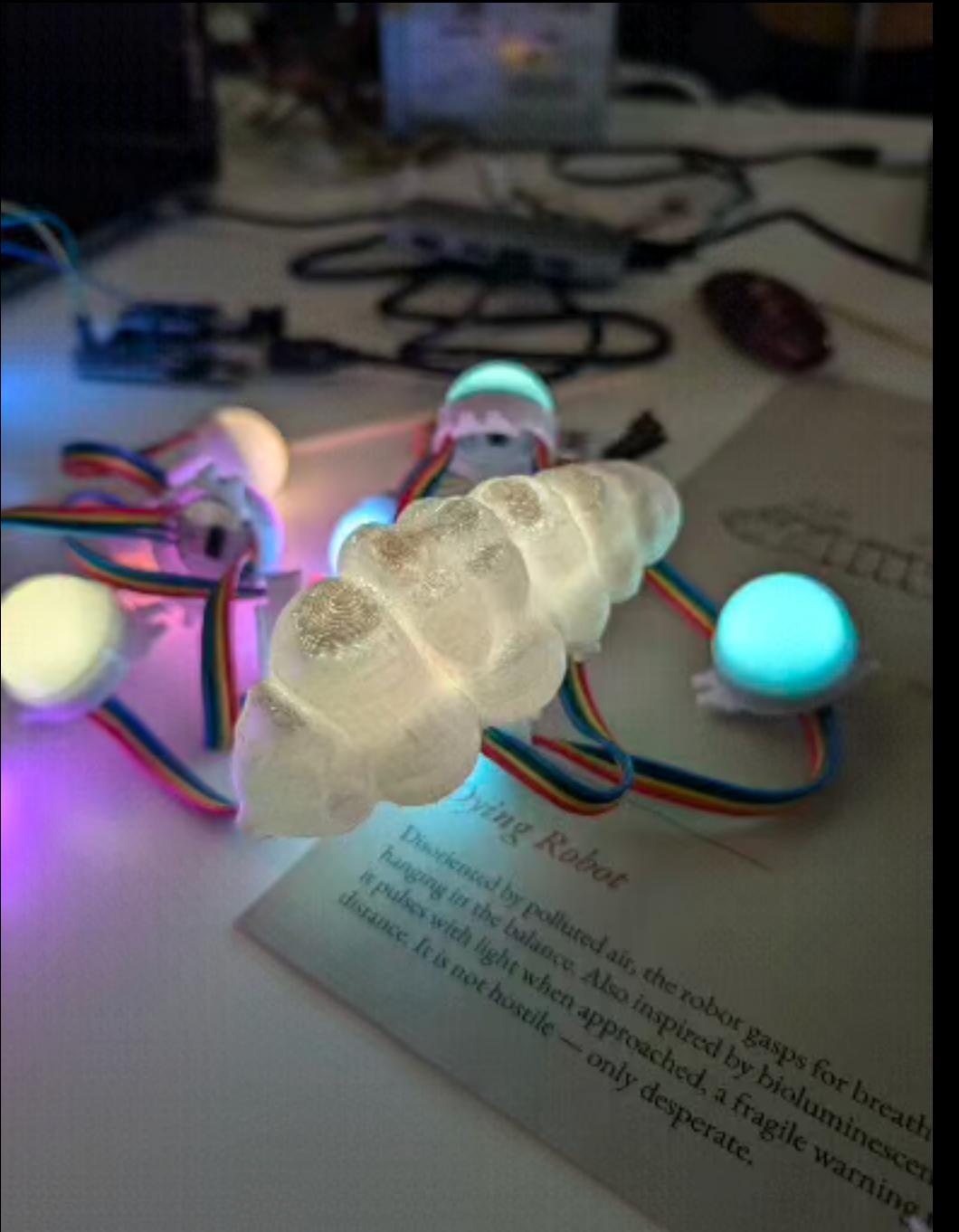
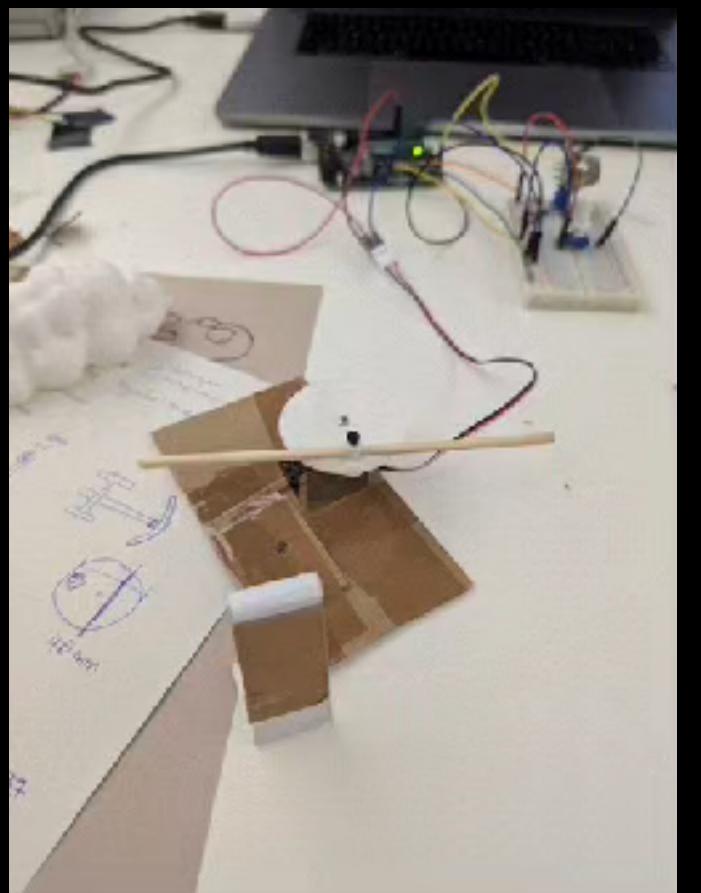


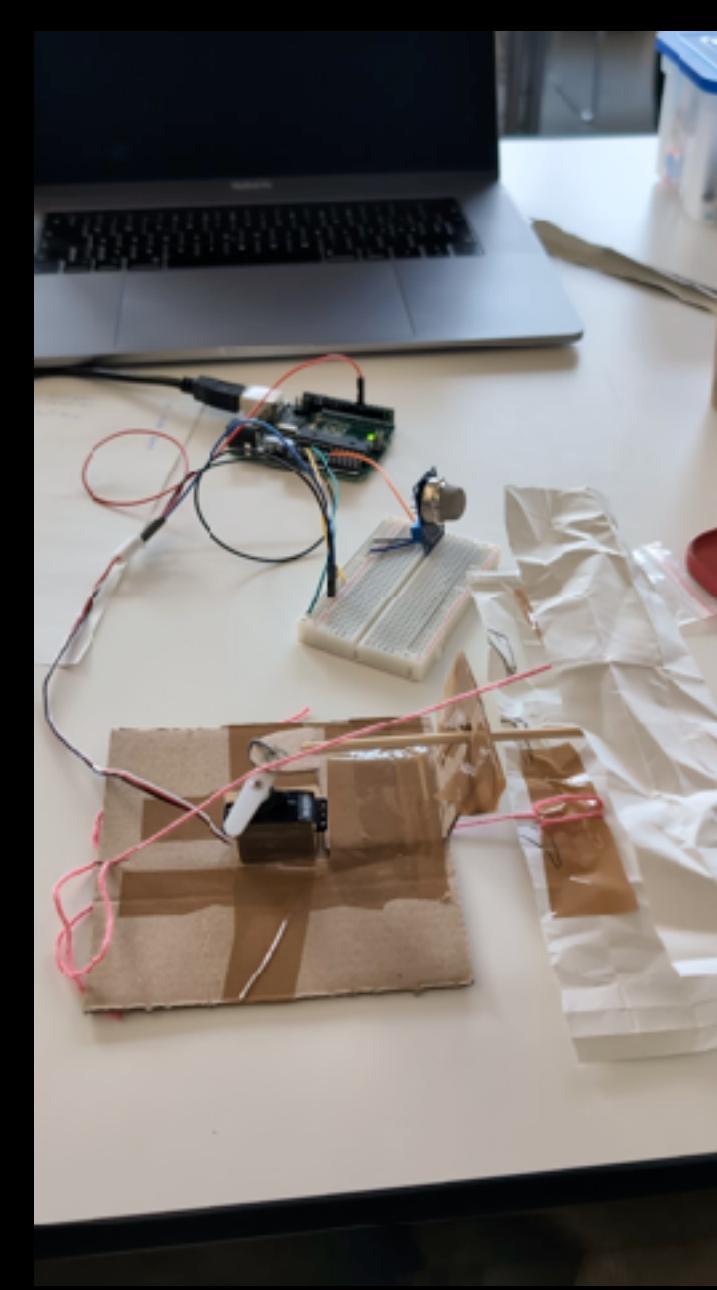
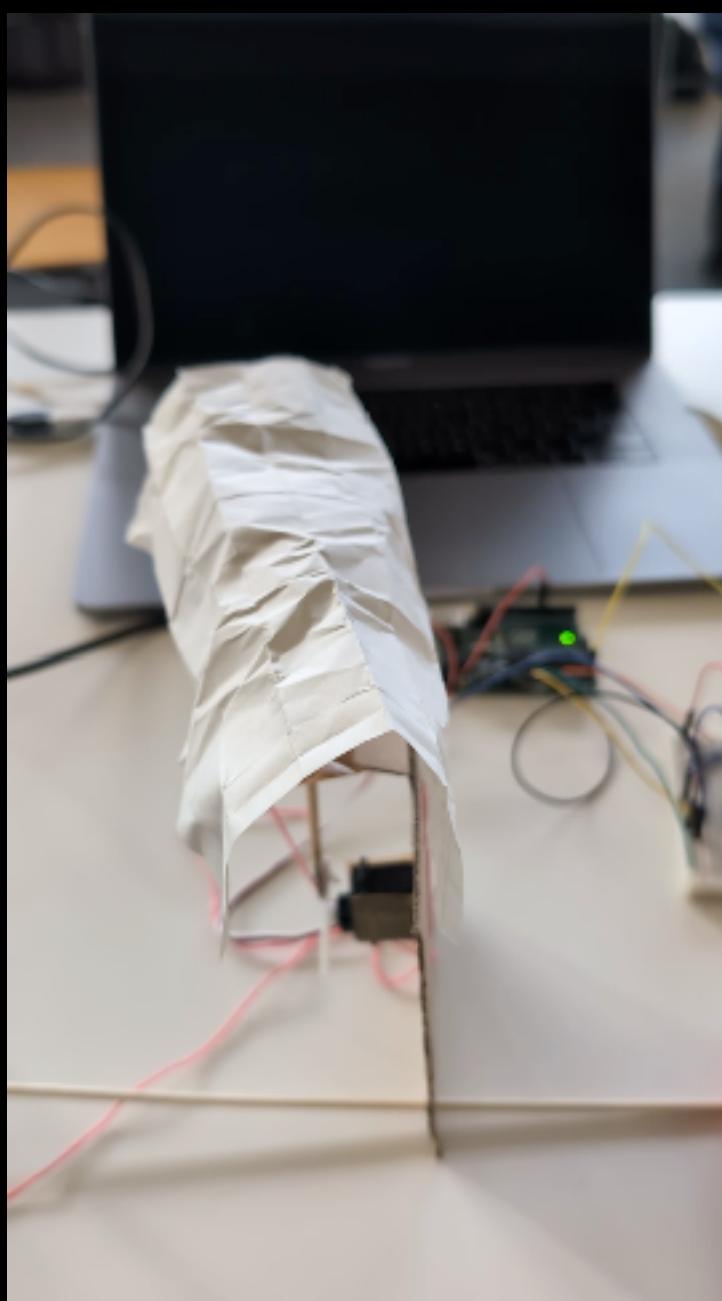
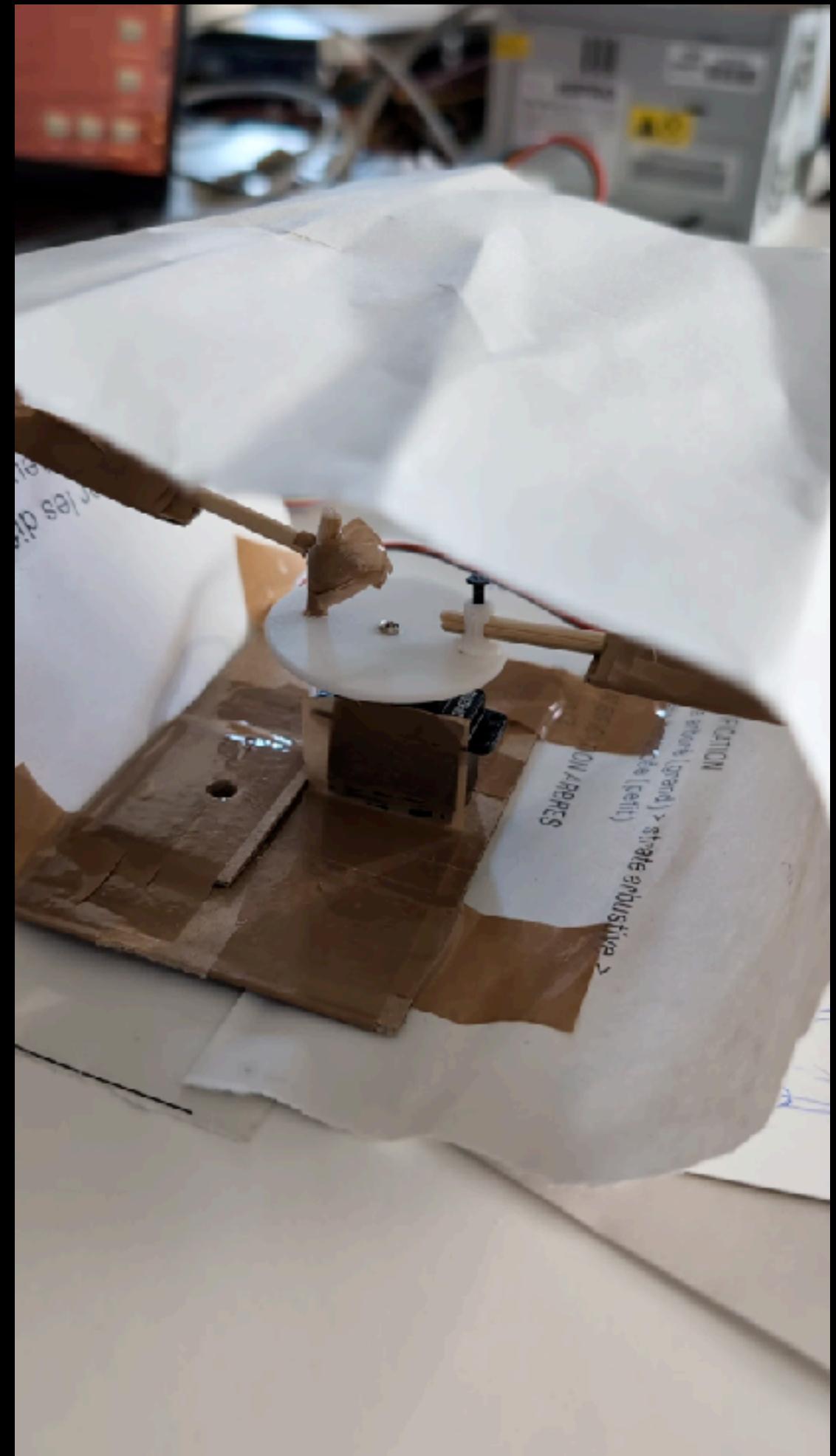
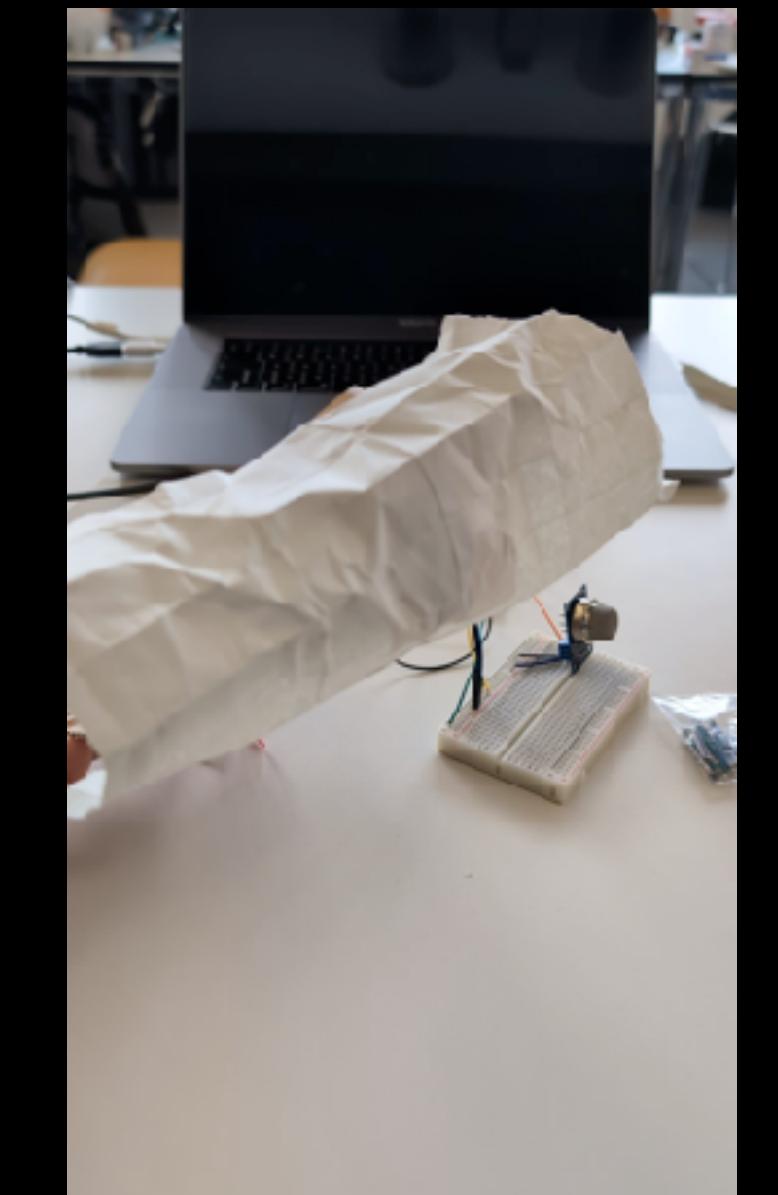
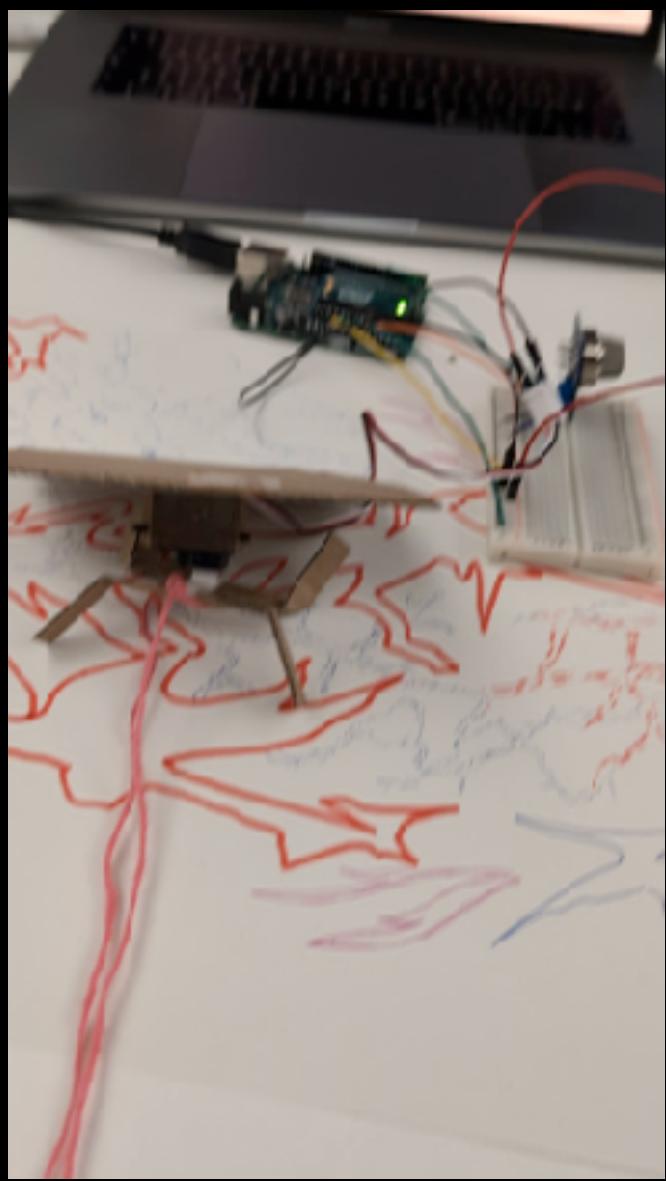
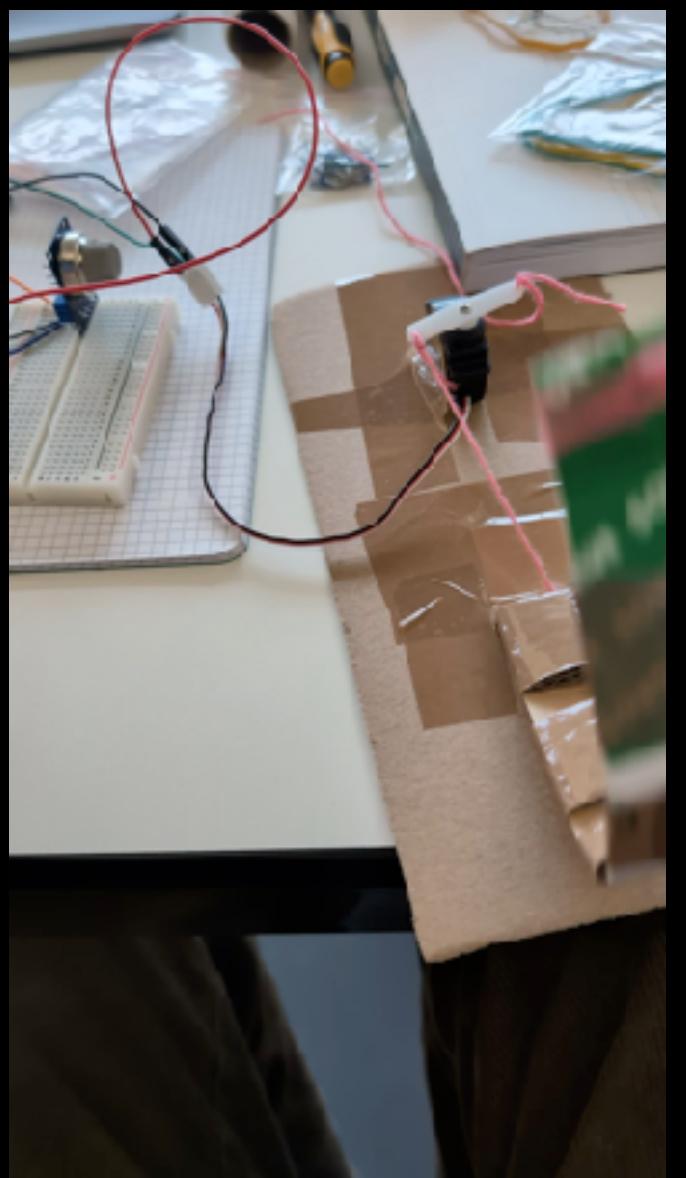
# Process

- We have experimented with DIY mechanisms and LEDs programming
- The structure is a mix of TPU 3D Printing, hard paper and electronics









# Final Prototype

“Pulmo” is an autonomous creature that is designed to detect pollution in a world where no one remains to listen, slowly dying as it fulfills its task.

