



**Daniëlle Ooms**

**More-than-Human design researcher**





# compost diorama

The Compost Diorama takes the viewer on a worm compost journey by peaking through the soil.

# life inclusive tiles

What if tiles could welcome life? An exploration of various shaped tiles to allow green to flourish between the pavement.

# calci et back to nature

a collaboration between  
Aquaminerals, Chemelot Innovation  
and Learning Labs, and Paul Booms  
initiated by Wanderful.Stream.



# mud collecting journey



The mud collecting journey focused on the activity of inviting a non-human. It studied the process towards an artefact and a human-non-human relationship. The final artefact is a toolkit to enhance sensitivity for inviting non-human stakeholders. The toolkit consists of objects to support the mud collecting journey, including a backpack, a digging tool plus cap, three mudboxes plus lids, a mud plate, three pieces of carbon felt (the minus pole), a cleaning towel, a mud training device, a boat (the plus pole), the mud meal, and a syringe.



# human-mycelium relation



Human-mycelium Relation explored the use of data in the form of a digital twin, a digital model of a physical item, to help define specifications for future human-non-human relations. Can we use data in the early stages of the design process with a living organism to protect it from unnecessary harm? To decrease the risk of harming the organism, a set of sensors inside the designed sensing wearable is used to gather data about the experience of human garments.



# NO(N-HUMAN) CONSENT FORM

This list of questions is asked prior to a study to ensure ethical standards are upheld.

Project title: Bioluminescent Algae Jacket

Research location: Eindhoven, Netherlands

Research period: 4 months

Research question: Can we create balanced human-algae relations?

Number of participants: 500+ algae participants

Does the study involve living material (such as microorganisms, plants, and/or animals)?

Yes it does. A microorganism (algae) is used in this study.

Will the participant give their explicit consent - on voluntary basis - either digitally or on paper?

No, the algae cannot give their consent neither digital nor on paper.

Does the study involve participants who are particularly vulnerable or unable to give informed consent?

Yes, the algae are vulnerable and unable to give consent.

May the research or design procedure cause harm or discomfort to the participant in any way?

Yes, there is a possibility for the algae to die during the study.

Is the study invasive (i.e. affects the body such as taking blood or other body material from the participant)?

Yes, the study is invasive.

I D. Ooms hereby declare that I have completed this form truthfully

Name researcher/designer:

Daniëlle Ooms

Name supervisor:

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Signature:

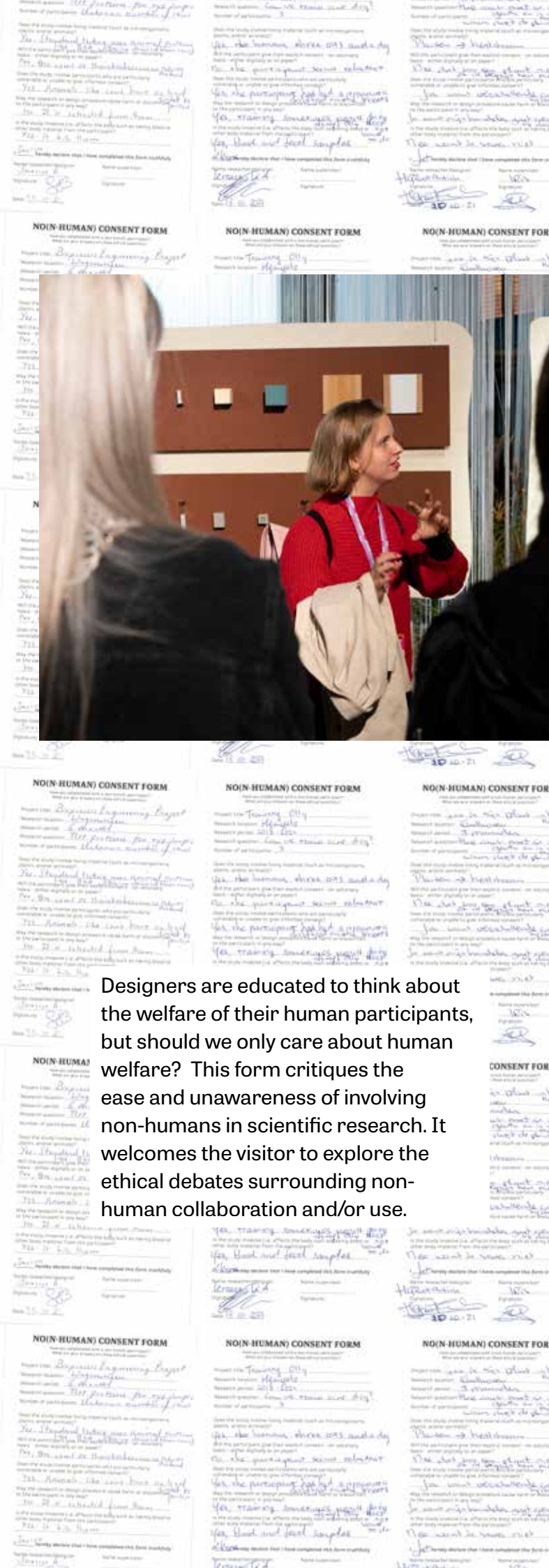
D. Ooms

Signature:

Date: 16 - 10 - 2021



Designers are educated to think about the welfare of their human participants, but should we only care about human welfare? This form critiques the ease and unawareness of involving non-humans in scientific research. It welcomes the visitor to explore the ethical debates surrounding non-human collaboration and/or use.







The project focus was to experience and research a novel design perspective, introducing Life Centered Design. This perspective is positioned within the post-human era and uses biodesign principles and knowledge.

A raincoat for humans and a living environment for bioluminescent algae.

# bioluminescent algae jacket



# apple-based material



Apple-based Material is a biobased, sustainable and circular material for fashion.