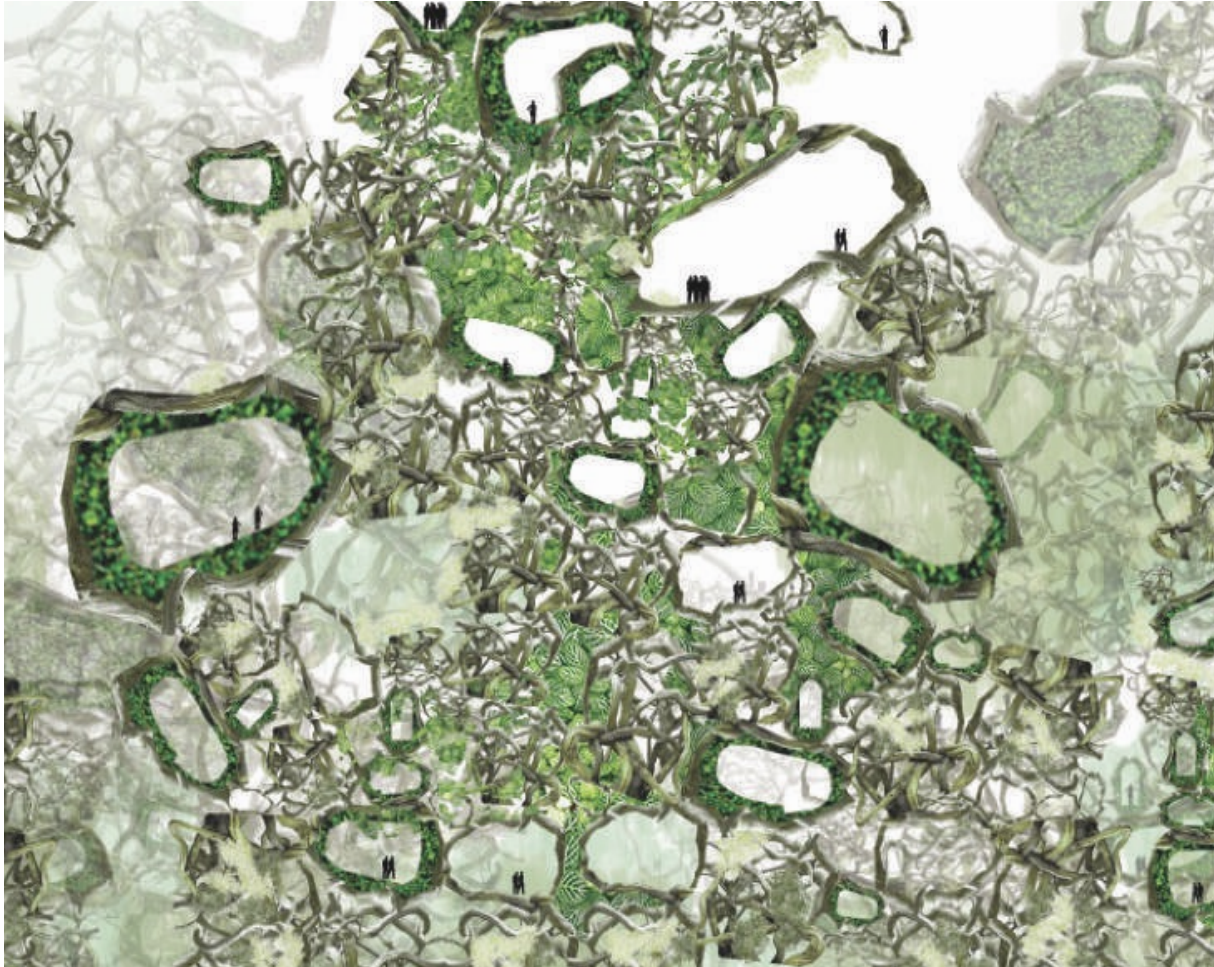


THE WHY FACTORY

MSc1 The Why Factory Design Studio
The Biohouse



The Why Factory

Tutors

Winy Maas

Javier Arpa Fernandez
Adrien Ravon

Code	AR1TWF011
Credits	10 ECTS
Location	N/A
Excursion	No
Costs	N/A

In the Fall semester 2023 we will explore the use of biobased materials at the scale of the body, the room and the housing unit.

This studio starts from the premise that we can only survive on this planet if we turn Earth into a place where humans can sustainably cohabit with nature: respecting the limits, without waste, in a fully biodegradable, adaptable, recyclable, clean and energy neutral environment.

If we design with, for or as nature (no matter the preposition we want to use), we might one day reach the age of biology.

To do so, we will explore the current biobased inventions and, furthermore, envision a future material - a biomatter - that gives light and generates energy; a substance that filters and provides with fresh water; a substratum that houses plants and animals; a fabric that grows and shrinks instantly; a medium that

recycles, serves as soil, produces food, and moves, that loosens itself and that can fly and transport us? This material - or better said - a biomatter, could even form clouds for shading ...

What are the resulting interiors, homes, blocks and cities resulting from the implementation of such biomatter? How do bodies, rooms or homes perform?

Students will produce a series of housing units, and combinations thereof, aimed at describing life in a truly bioworld.