



World Forum on  
Urban Forests  
Mantova 2018

*Your session here: e.g  
PS 1.1 Changing people*

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# BREATHING SPACE

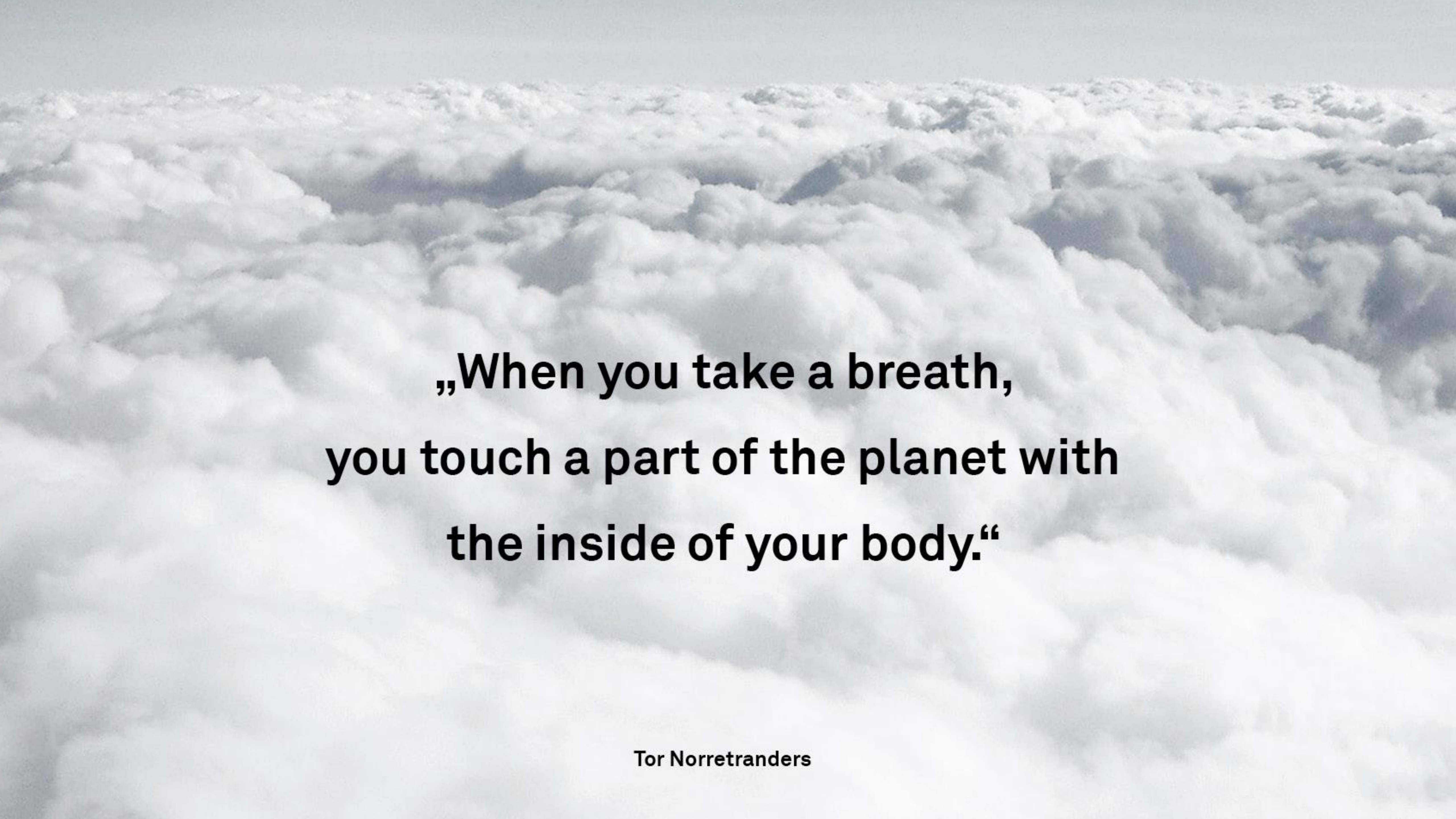
Bernhard König

BREATH.EARTH.COLLECTIVE



Karlheinz Boiger - Lisa Maria Enzenhofer - Markus Jeschaunig - Andreas Goritschnig - Bernhard König





**„When you take a breath,  
you touch a part of the planet with  
the inside of your body.“**

**Tor Norretranders**



**rational experience**  
(reflection brain)

+ sun



**Today we spend more than  
90 % of their time indoor!**

+ air movement

+ radiation

+ heat



+ freshness



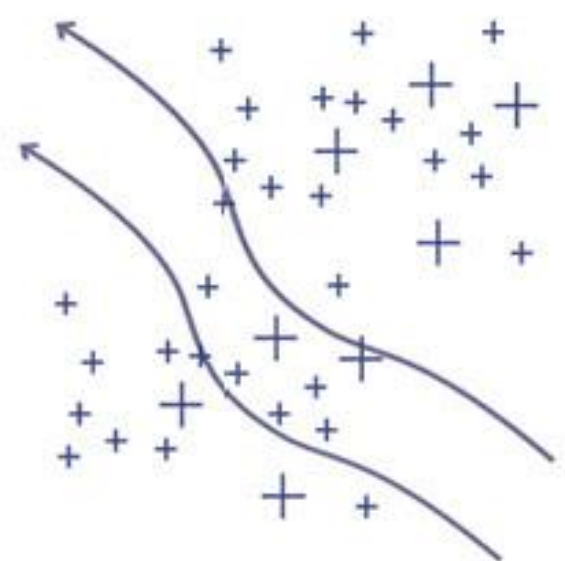
CO<sub>2</sub>

O<sub>2</sub>



+ humidity

**sensual experience**  
(body senses)

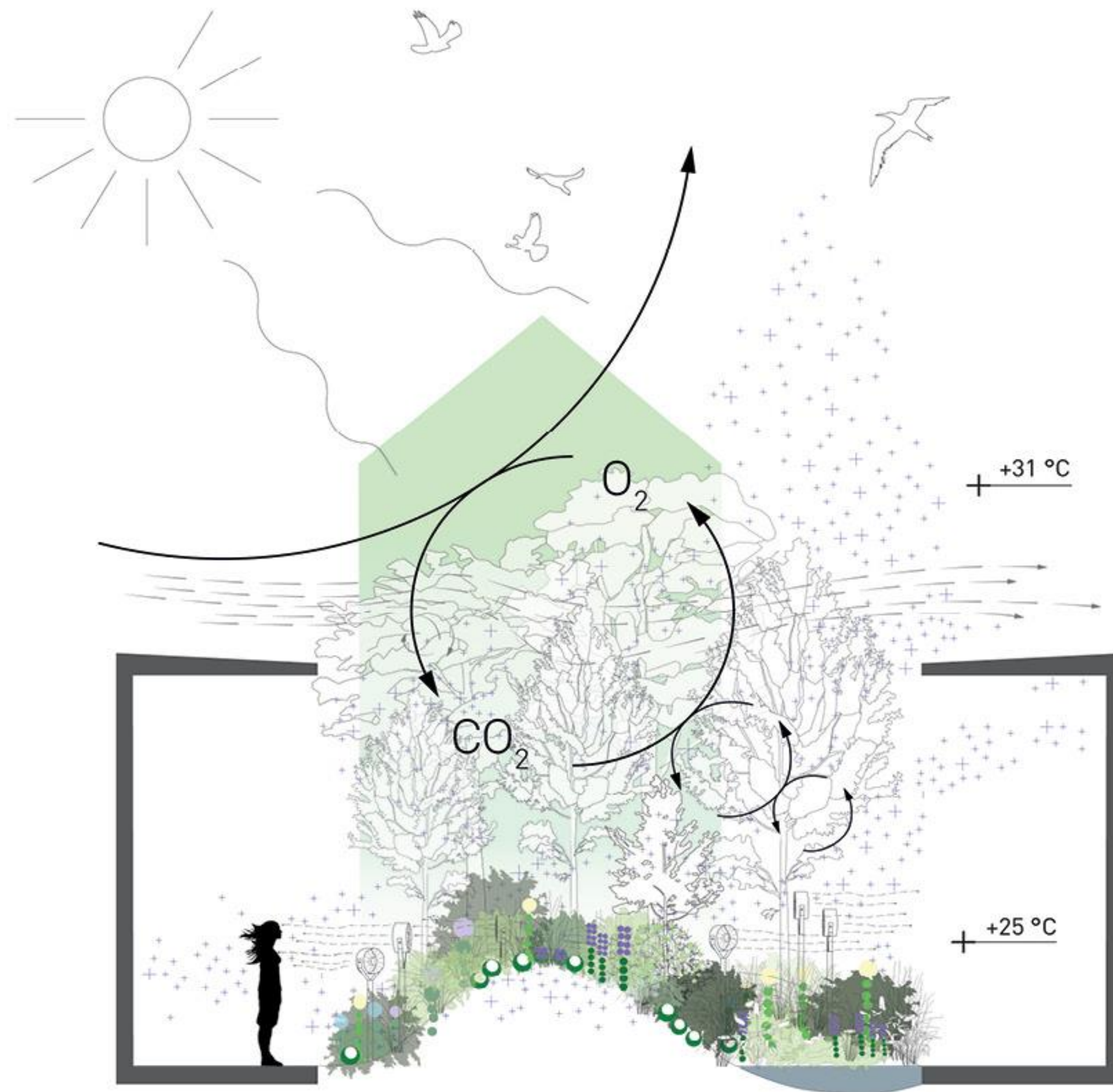




breathe.austria

Austrian Pavilion, Expo Milan, 2015  
concept, design and realisation  
by team.breathe.austria





**A pavilion that breathes!**

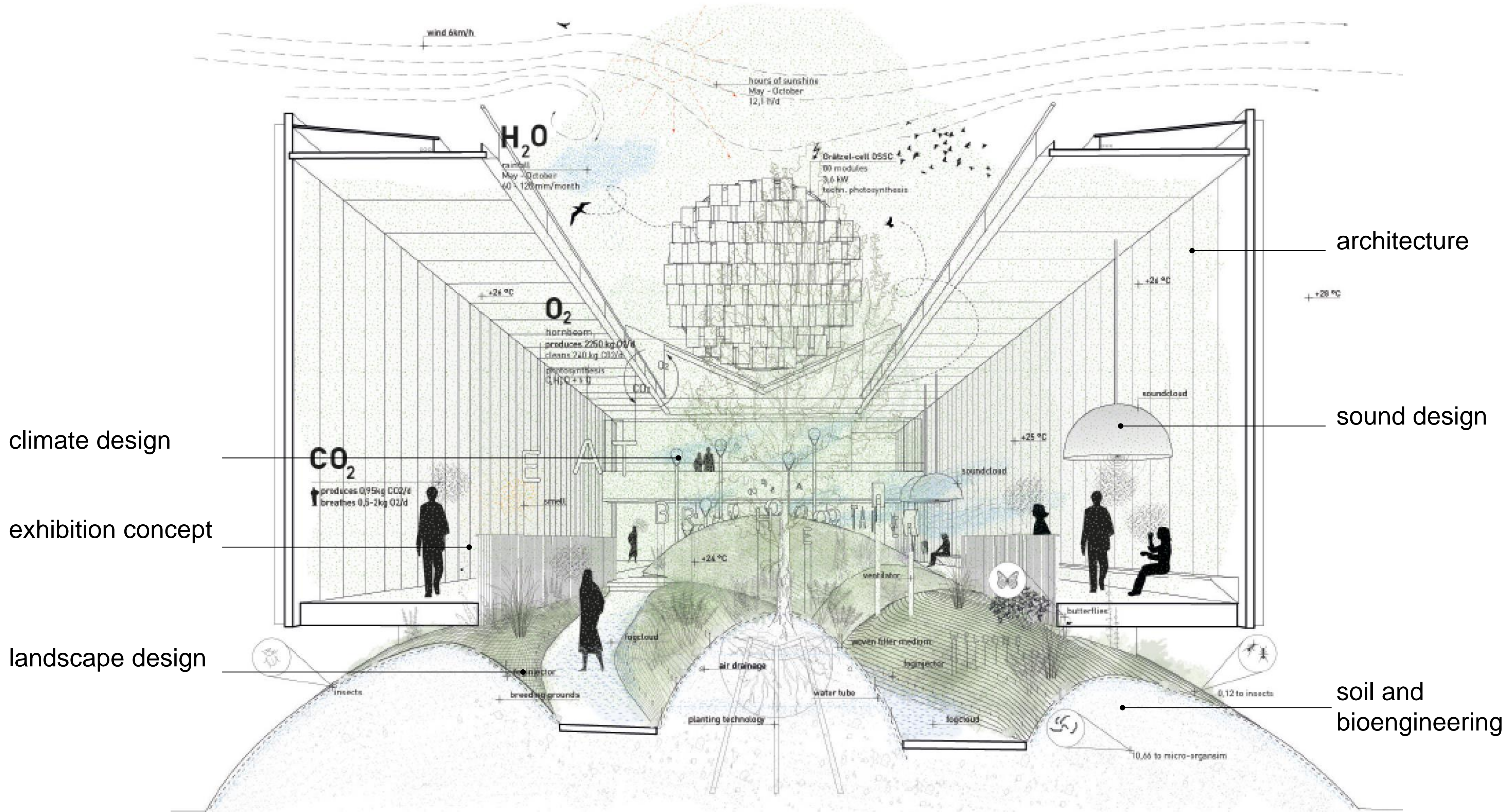


# BIR EATH E

INVENTIVA RESPIRA & GIOCHI  
IL PARADISO AUSTRIA

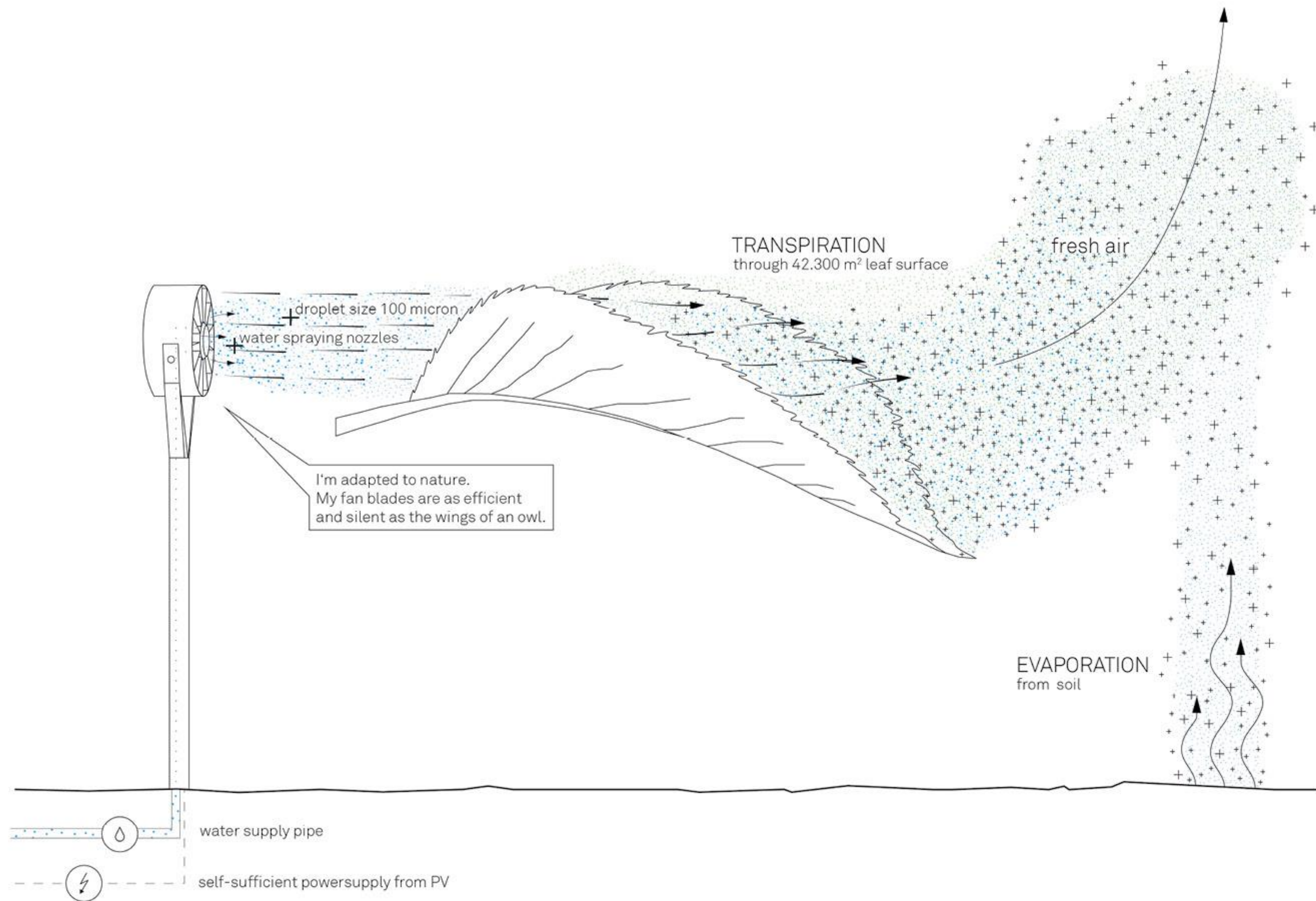
ORA È QUI





# BREATHE.AUSTRIA – How to transform conscious breathing into physical space?



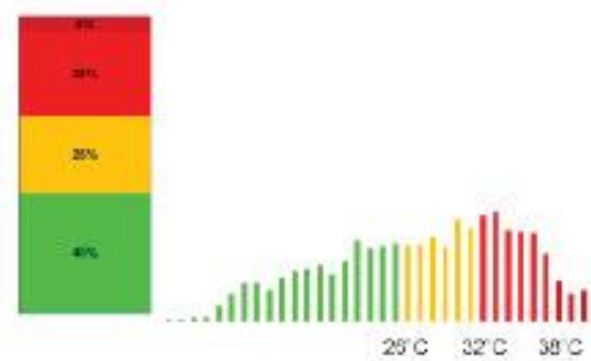




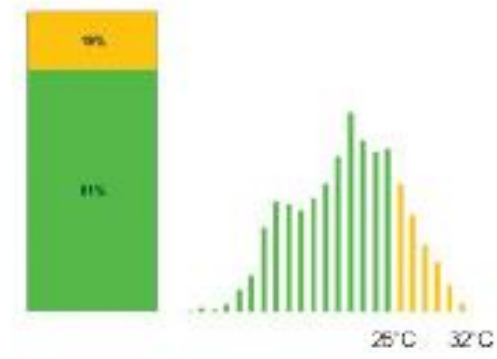


VITA

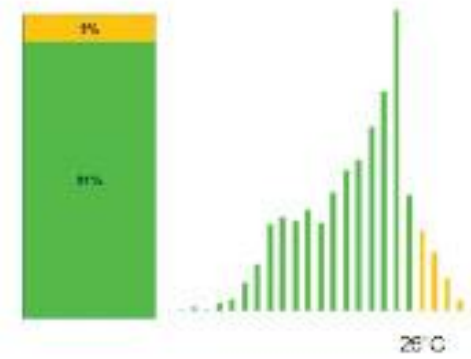




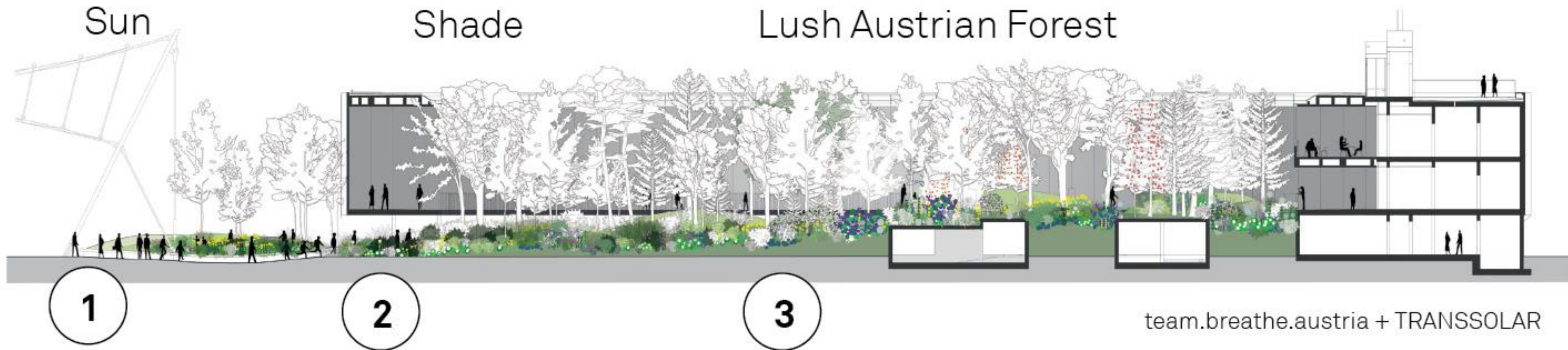
Sun



Shade



Lush Austrian Forest



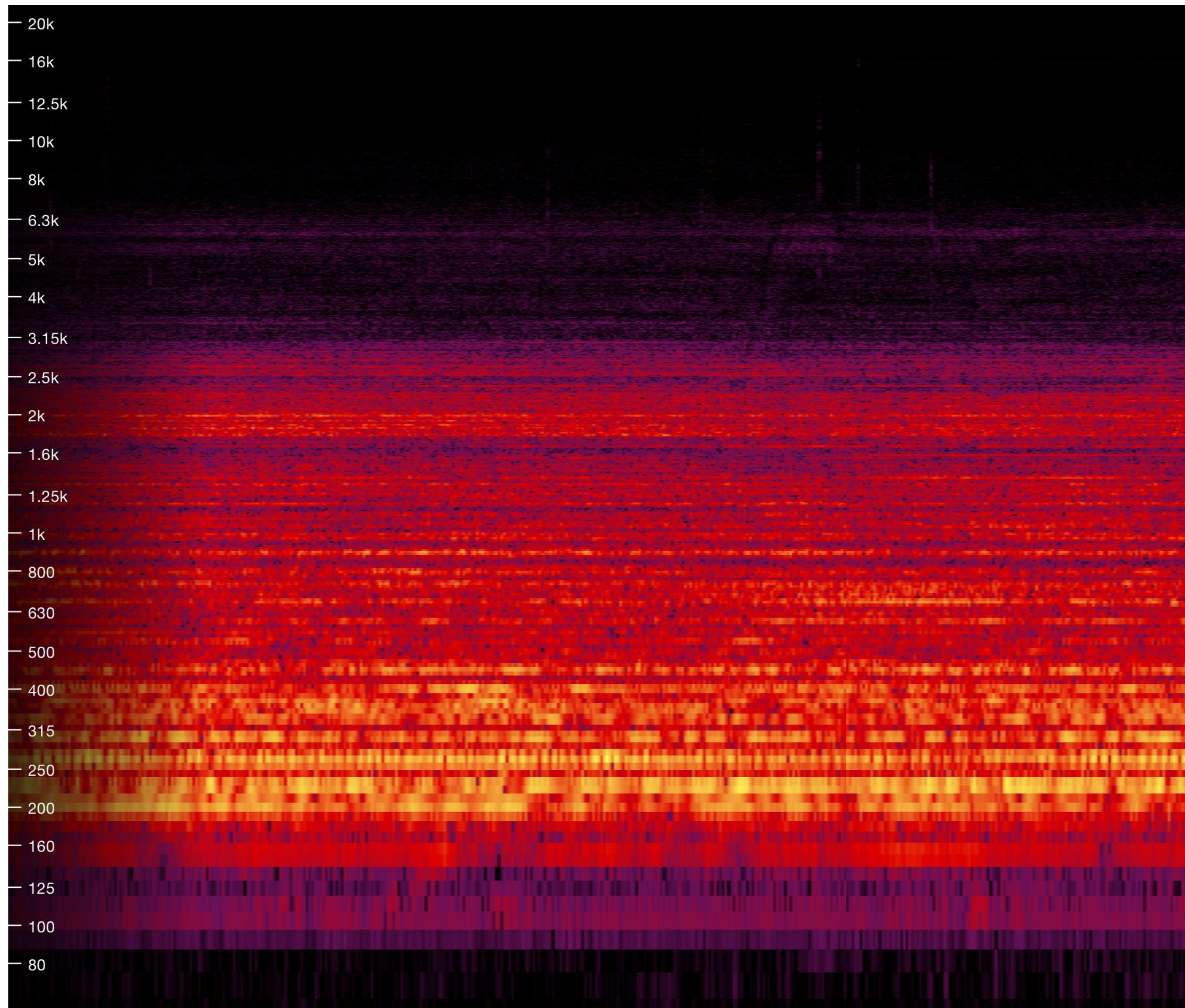
team.breathe.austria + TRANSSOLAR



„RAUMKLANG“

FOREST BATHING EXPERIENCE





BREATHE.AUSTRIA – sound design: creating a focused environment









**GREEN ENVIRONMENTS**

- increase productivity by 15%
- reduce occupational diseases by 40%
- reduce breathing problems by 34%



# Czech forestry administration building

international competition 1st prize for Breathe Earth Collective  
with Chybík+Krištof Architects & Urban Designers  
with K4, Ivo and Jan Stolek, Tomáš Babka

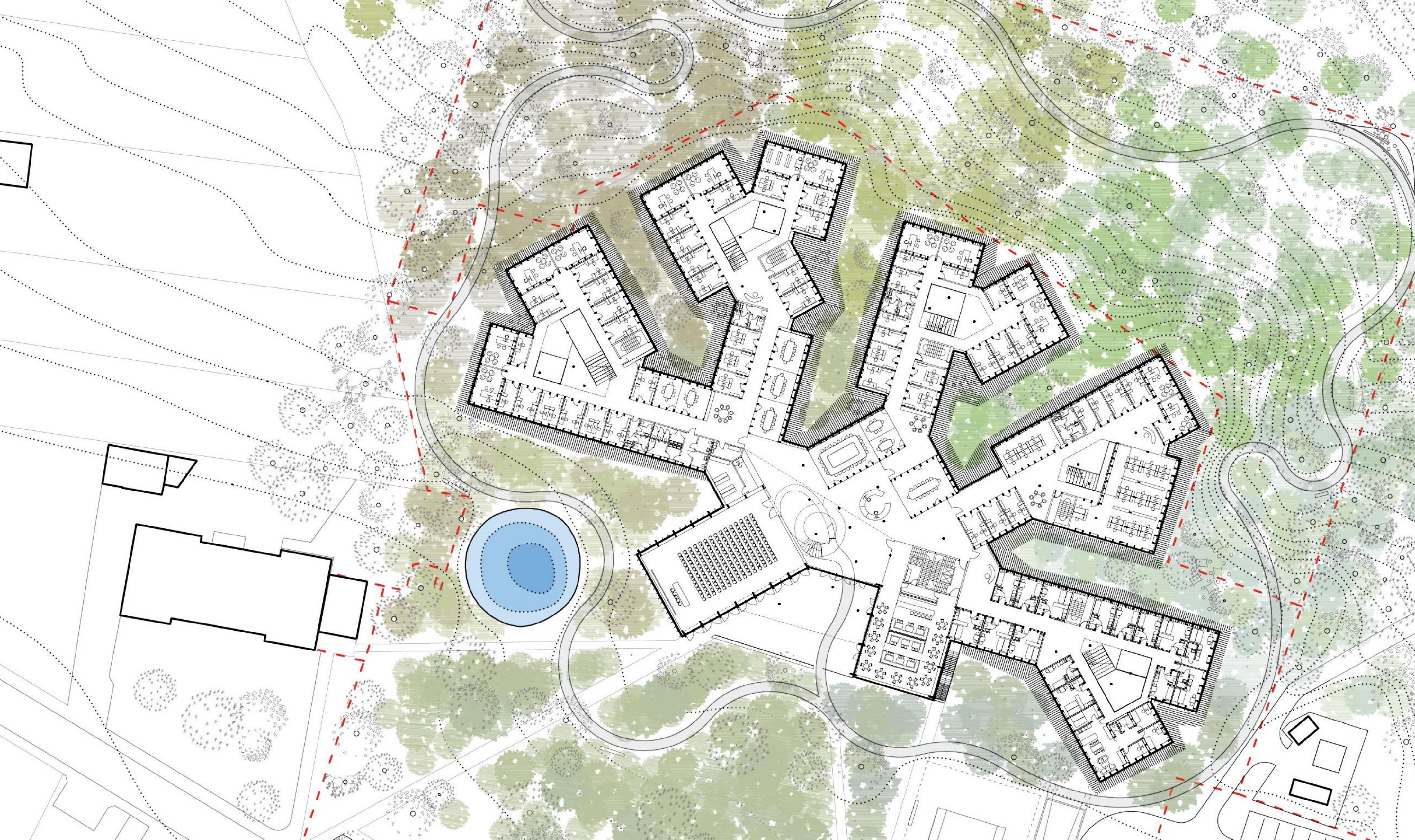
Location: Hradec Kralove, Czech Republic

Year: 2016 - ongoing

Size: 2.500m<sup>2</sup>

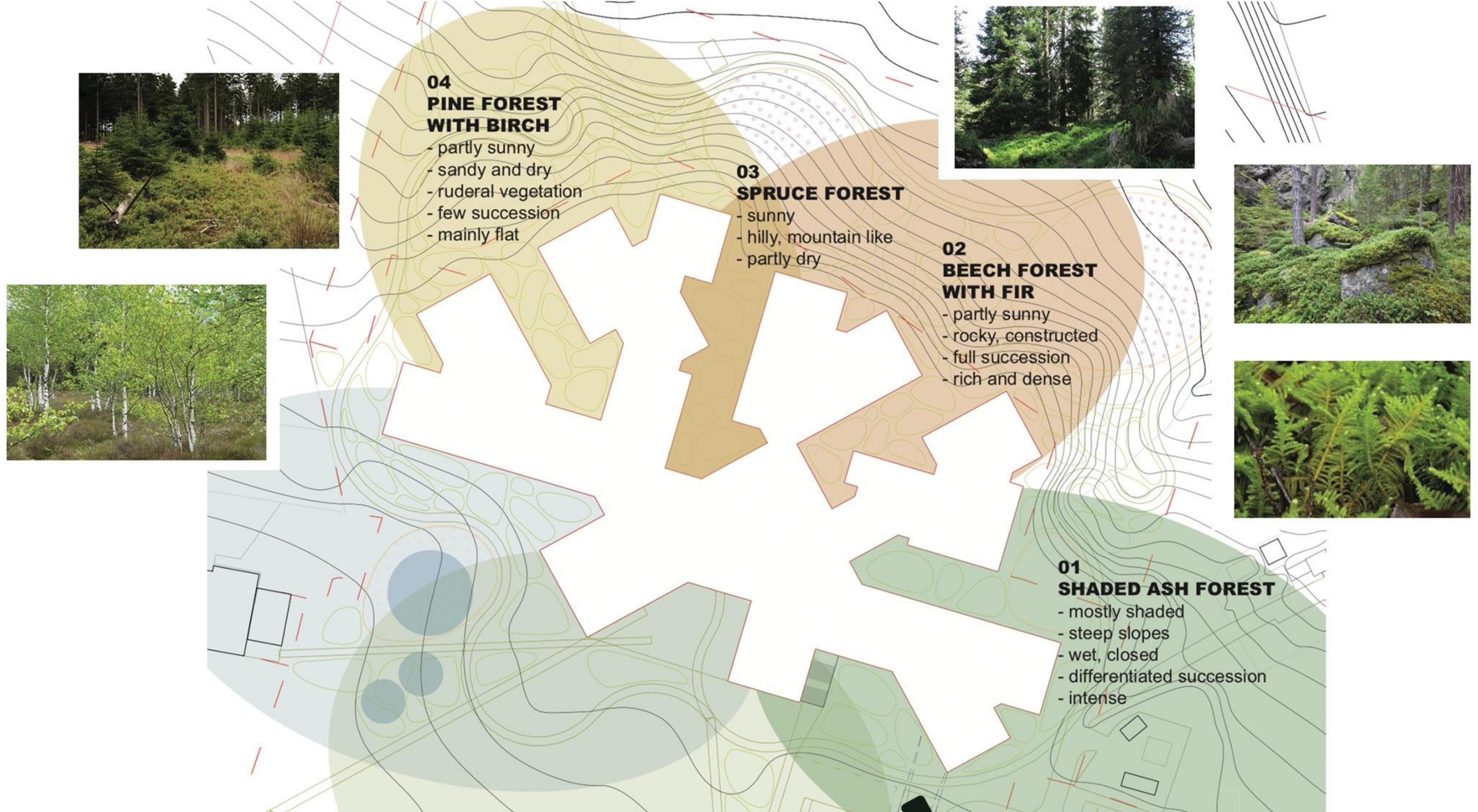
Principal: Lesy České republiky, s. p.





**CZECH FORESTRY – working inside the forest**





CZECH FORESTRY – constructing diverse forest ecotypes



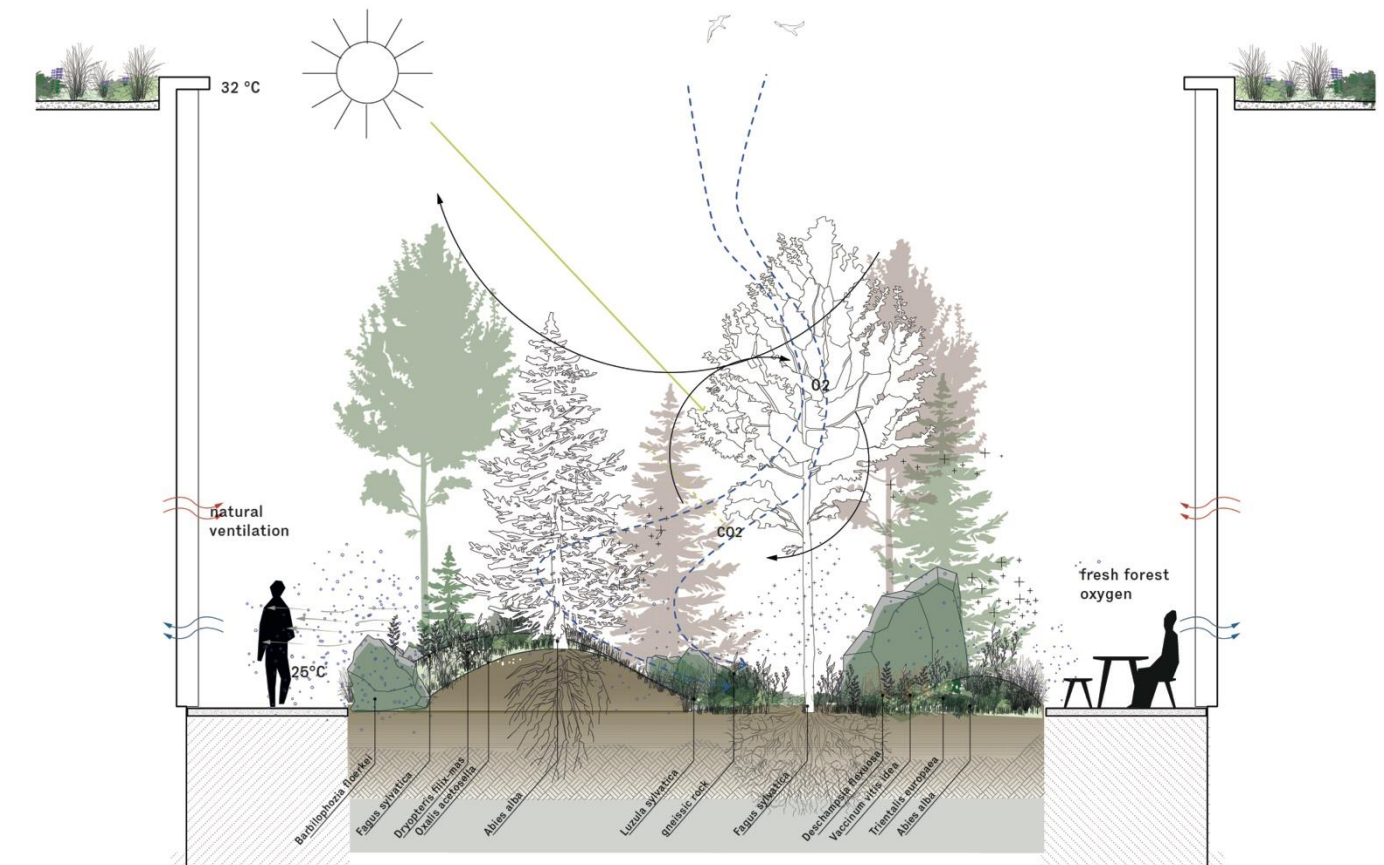
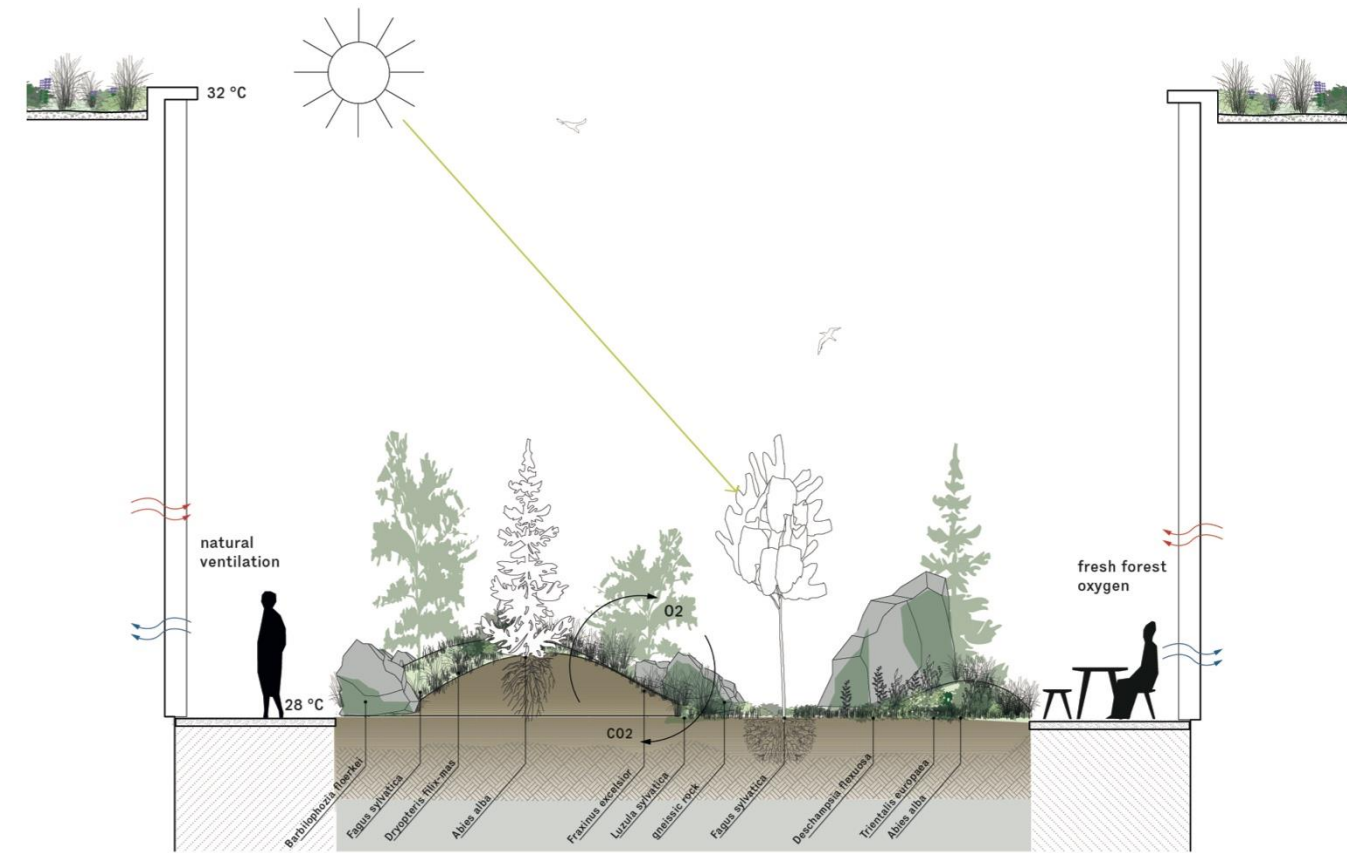


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**C - Bukový les s jedlí - horský les**  
C - Beech forest with firs - mountain forest

rok 1  
year 1

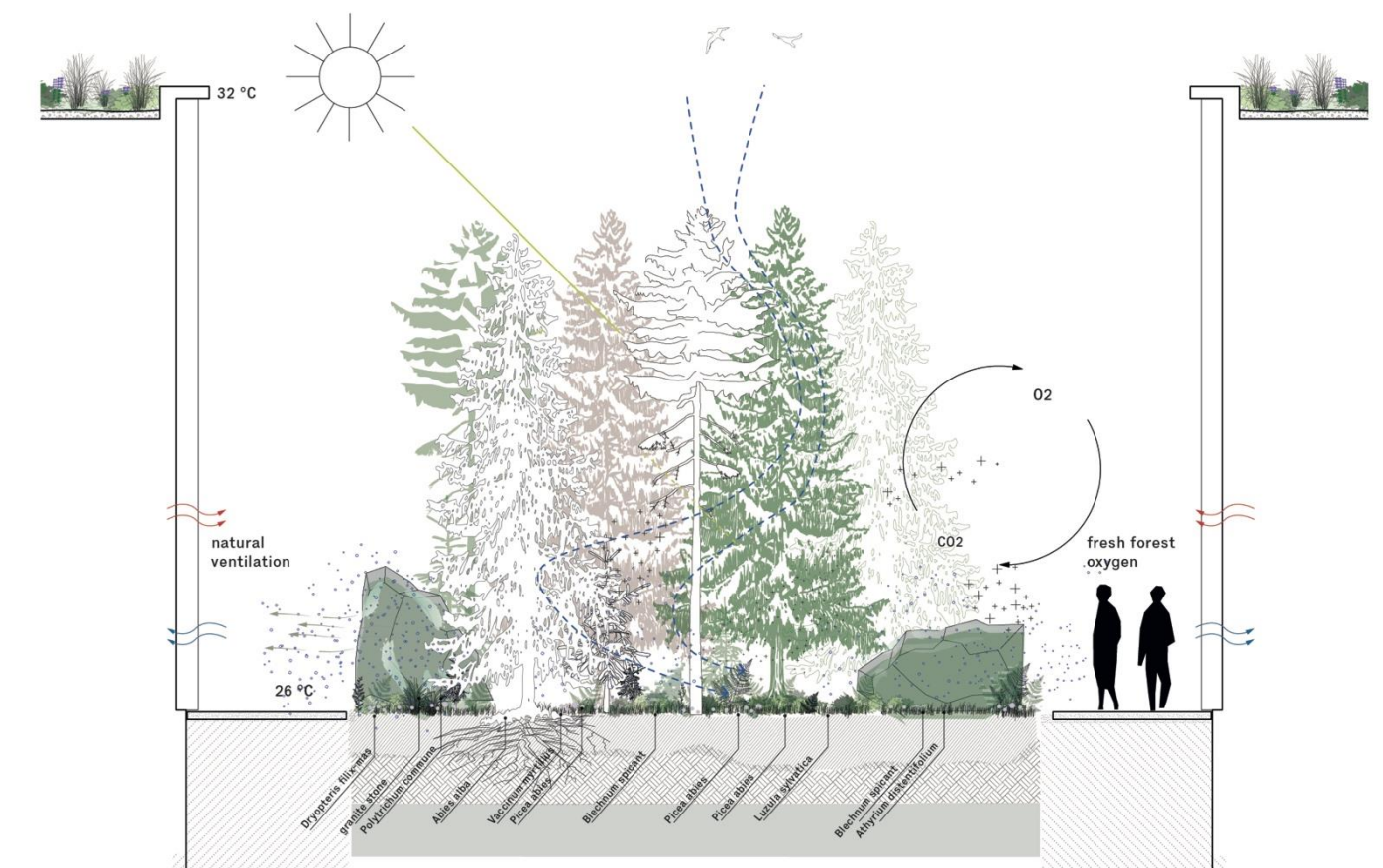
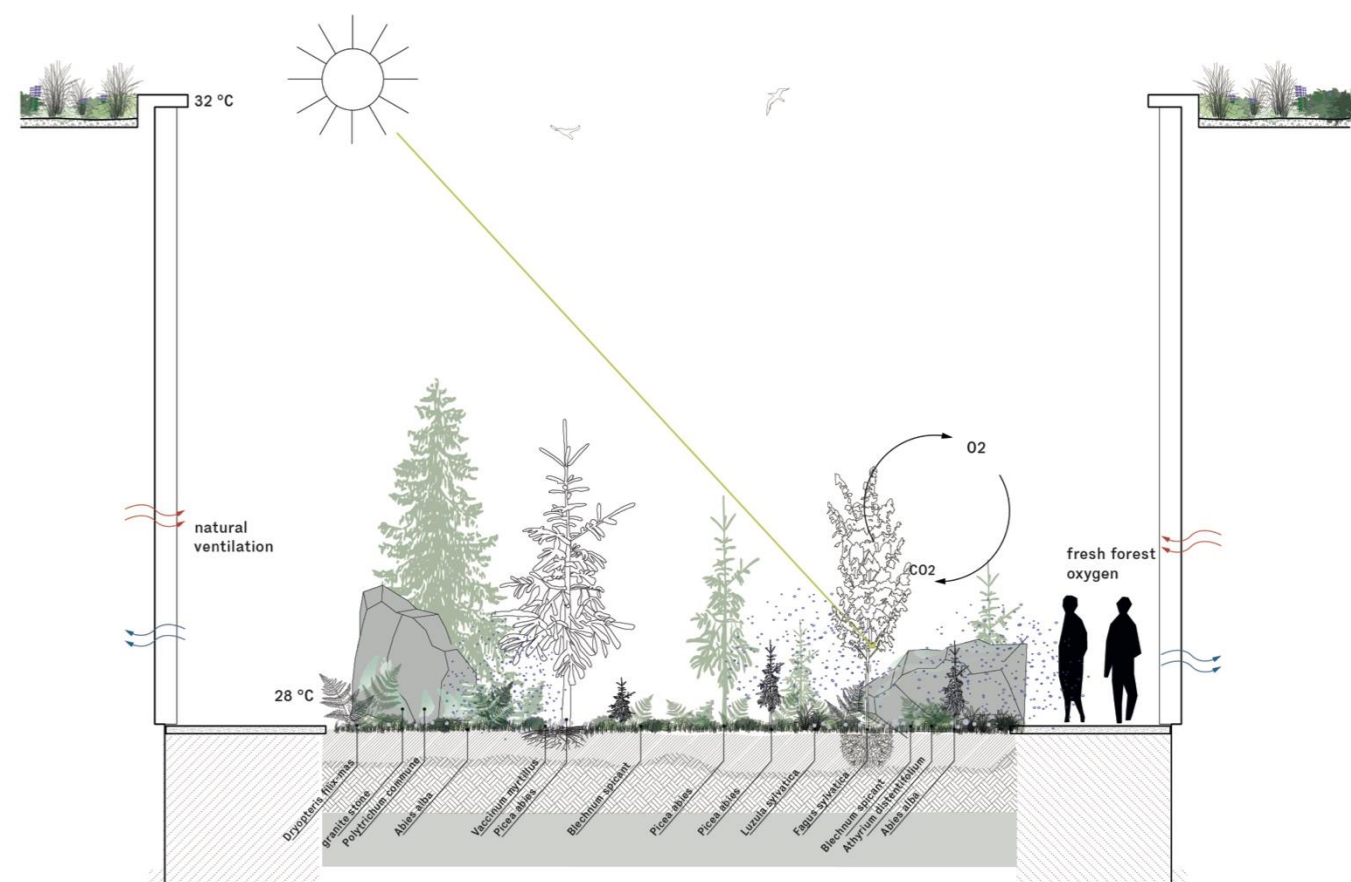
rok 10  
year 10



**D - Smrkový les - horský les**  
D - Spruce forest - mountain forest

rok 1  
year 1

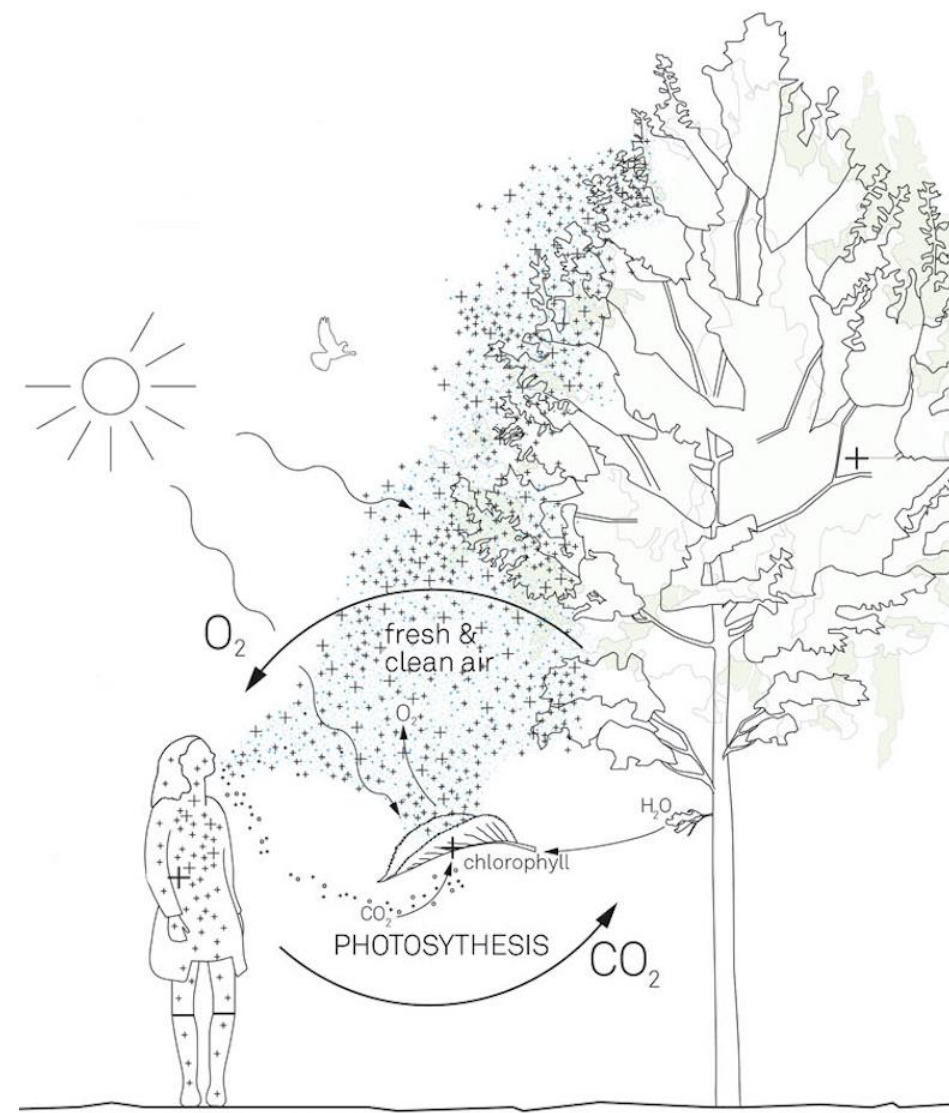
rok 10  
year 10



**E - Borovicový les s břízou - výsušný les**  
E - Pine forest with birch - dry forest

rok 1  
year 1

rok 10  
year 10



**CZECH FORESTRY – working in the forest, experiencing the forest**











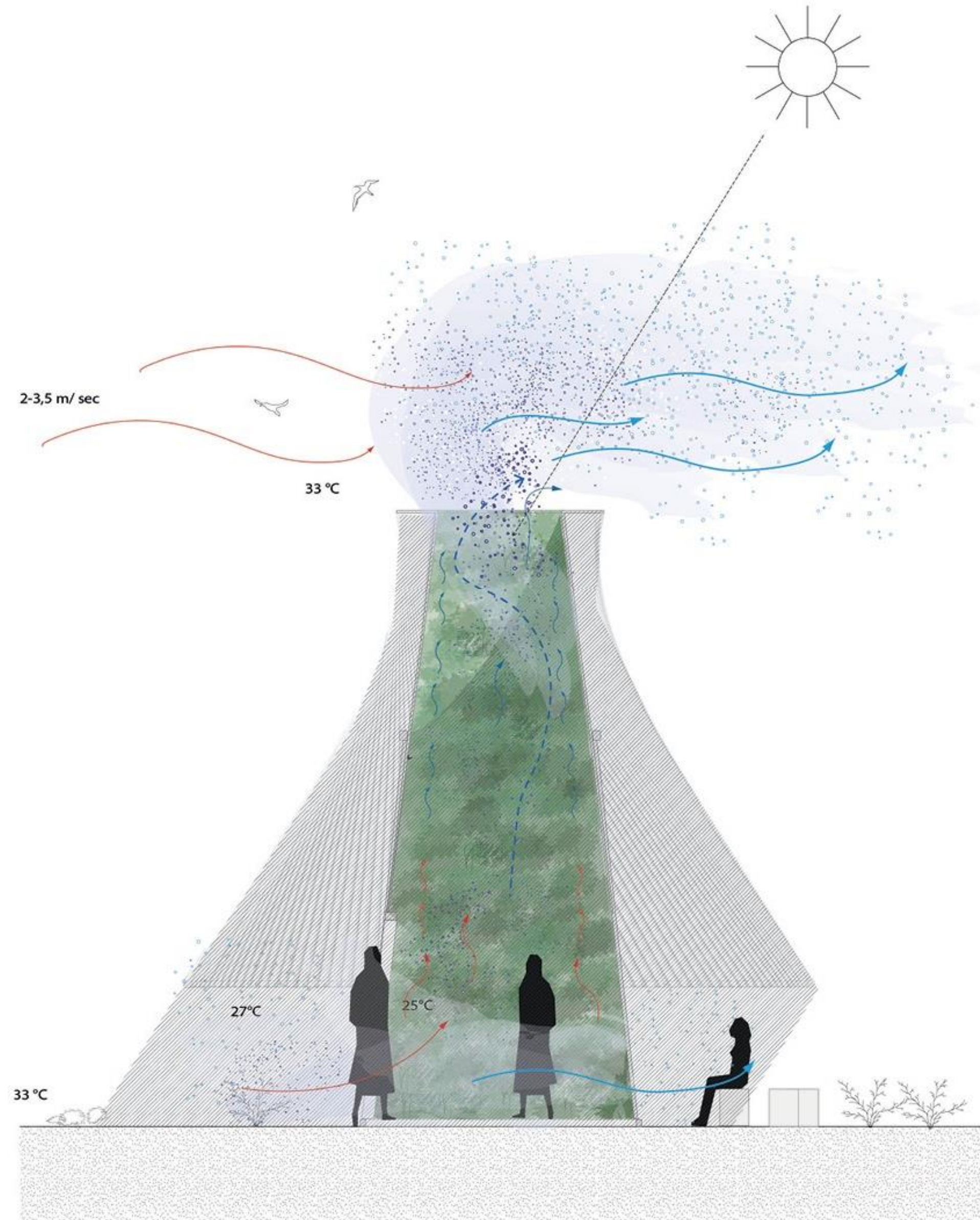
# Airship .02 - Evapotree

Artist in Residence at Sculpturepark Austria, Universalmuseum Joanneum  
by Breathe Earth Collective  
Mai - October 2017





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**AIRSHIP.02-EVAPOTREE – concept**





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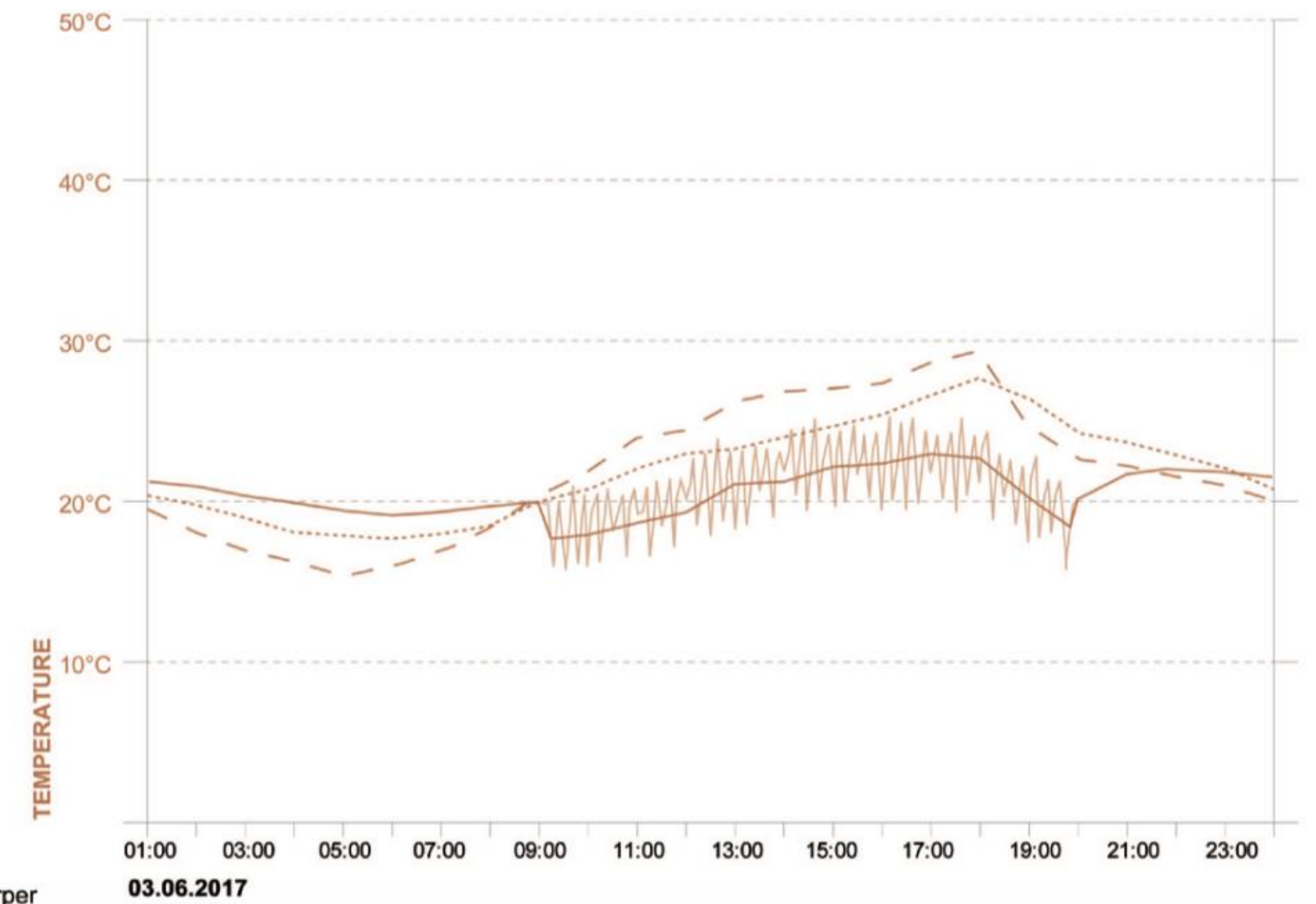
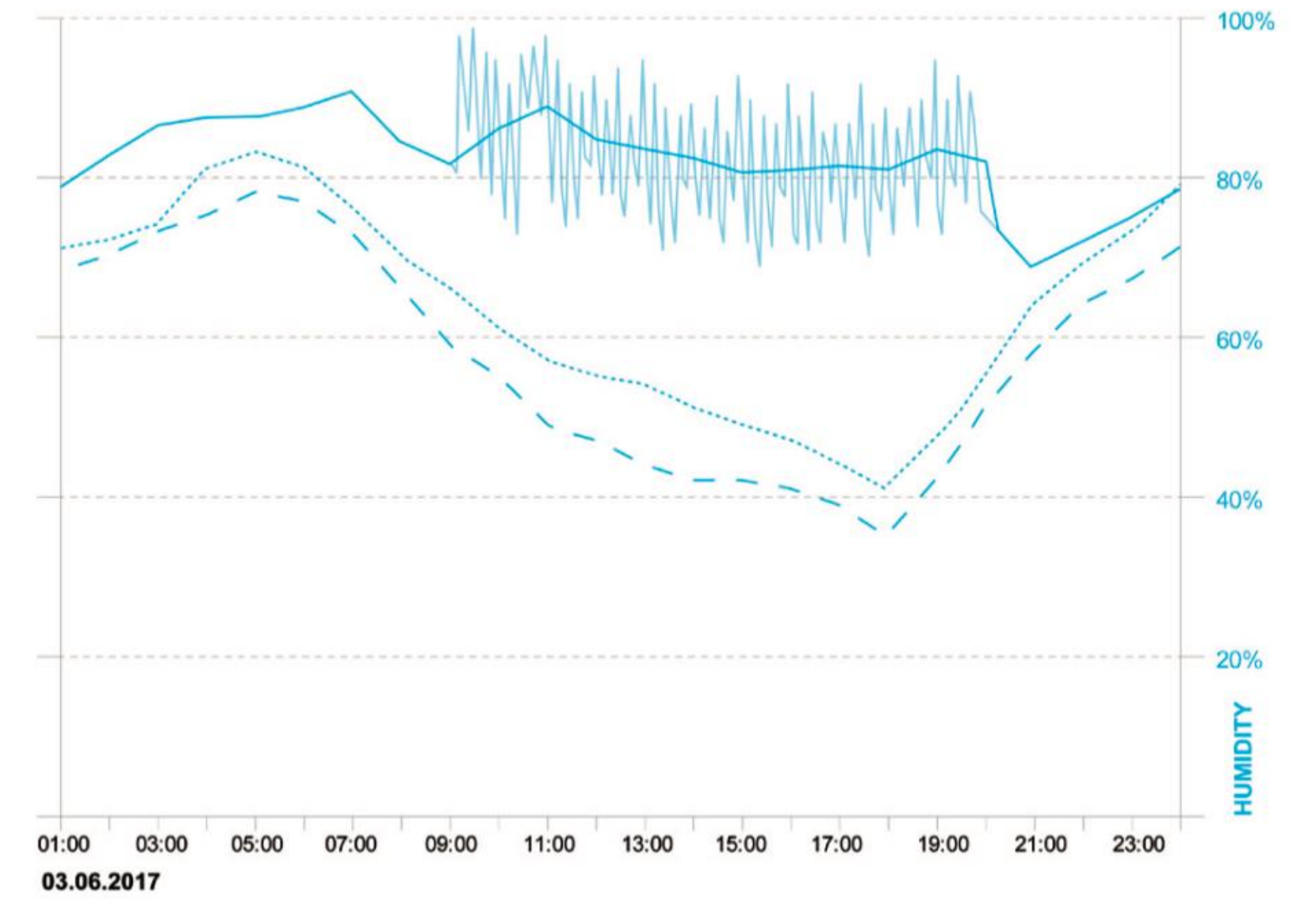
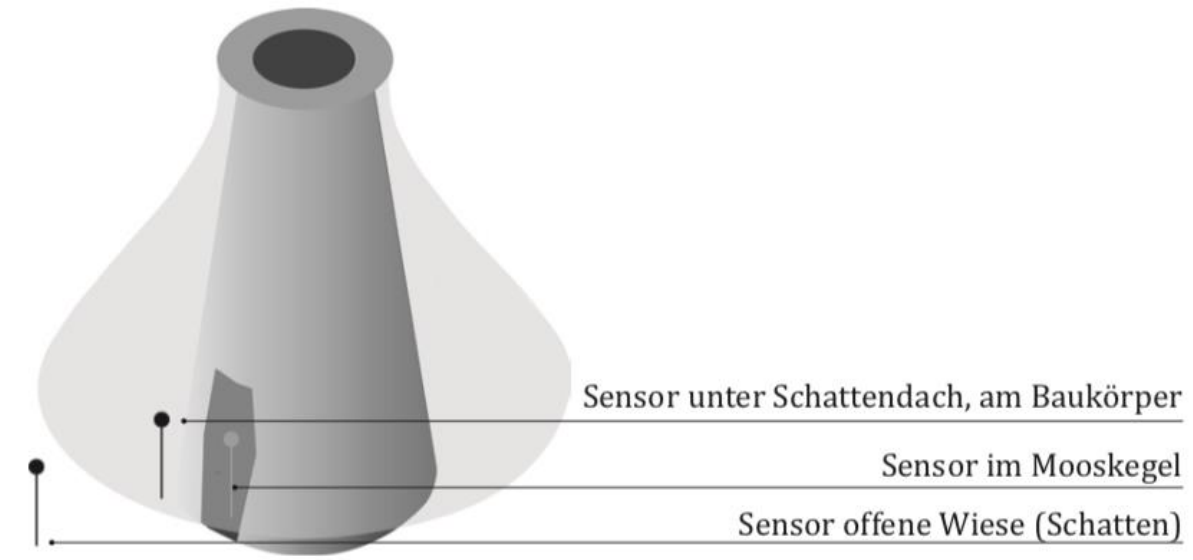








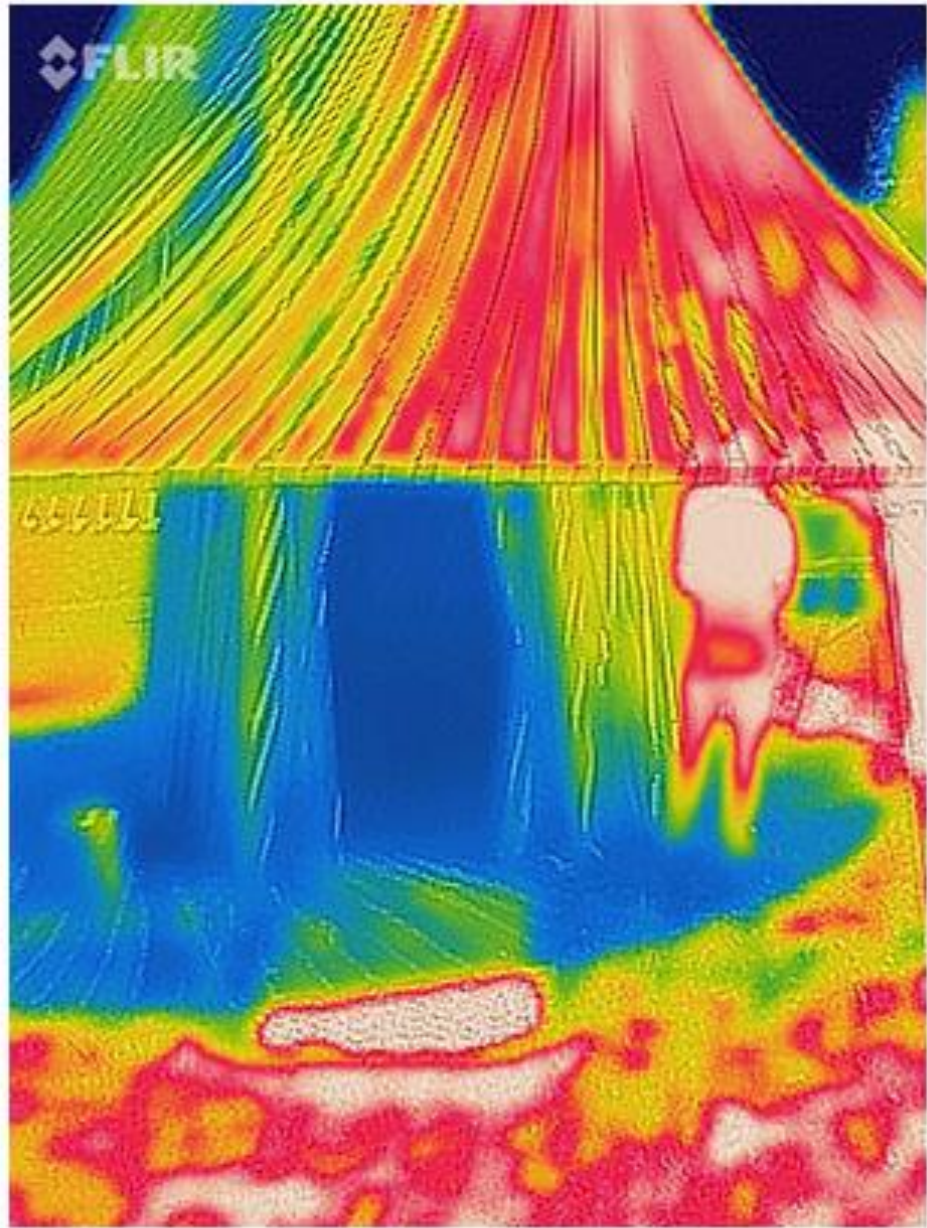
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--- offene Wiese (Schatten)  
..... unter Schattendach, am Baukörper  
— im Mooskegel

AIRSHIP.02-EVAPOTREE – conditioning events







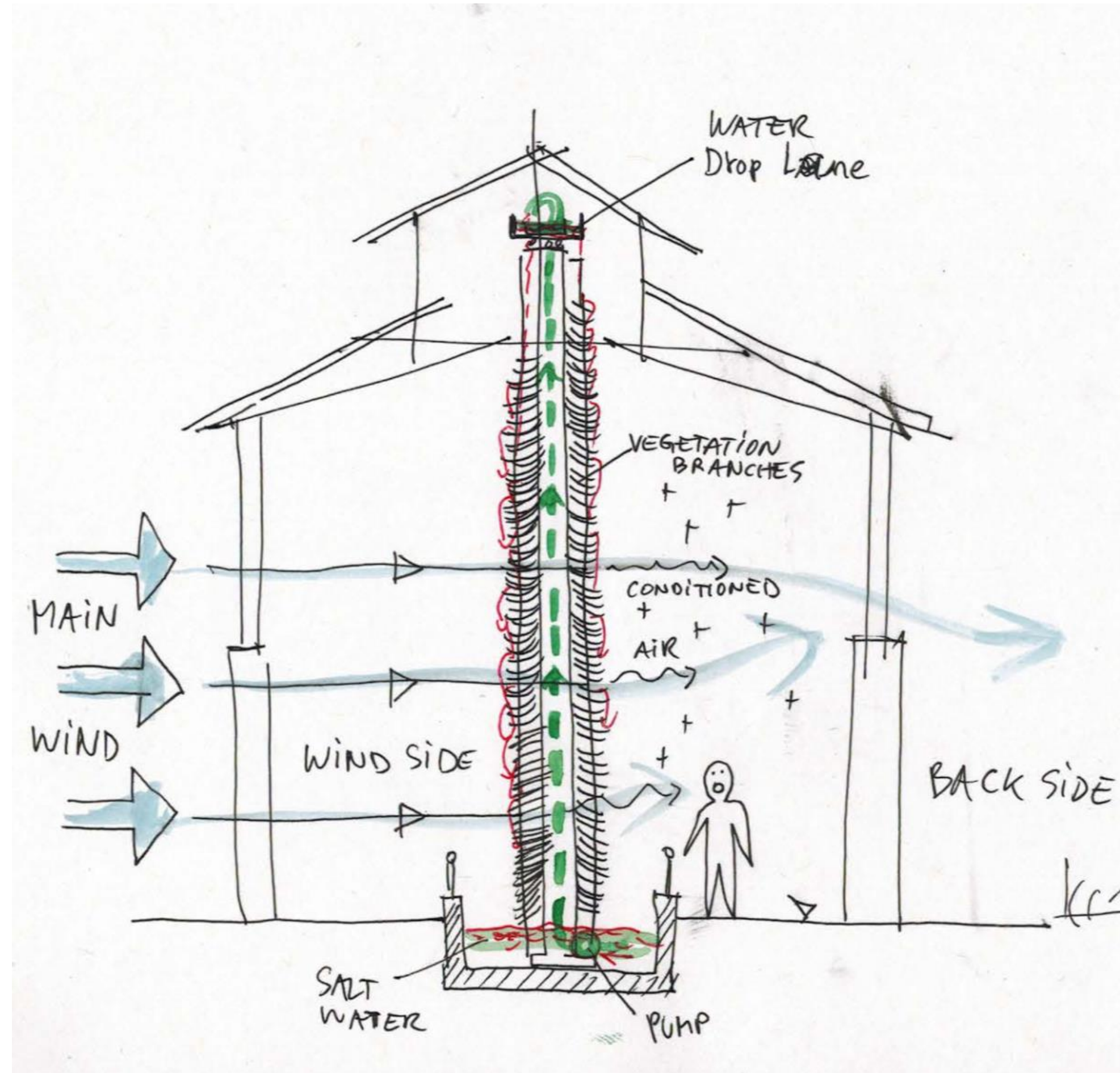
# Aerosol

a breathing installation designed in the context of the  
Dynamics of Air exhibition at RMIT Gallery in Melbourne.

Curated by Malte Wagenfeld and Jane Burry  
exhibited from September 14 - November 17.

by Breathe Earth Collective





AEROSOL – Traditional Graduation Towers as Salt Harvesting Tools





**AEROSOL – *Melaleuca Uncinata* (Broom Brush)**





**AEROSOL – Natural Salt Coagulation**

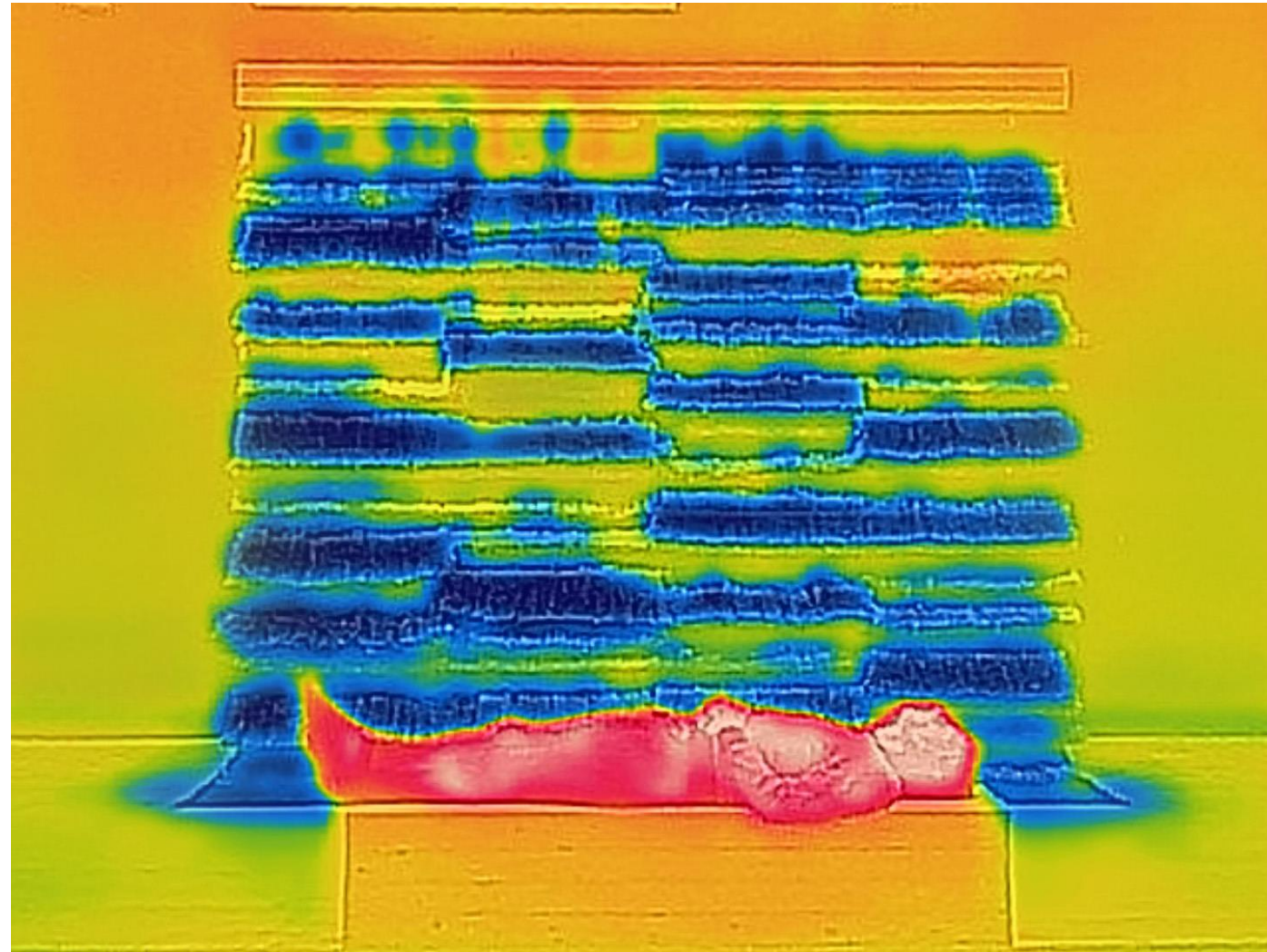










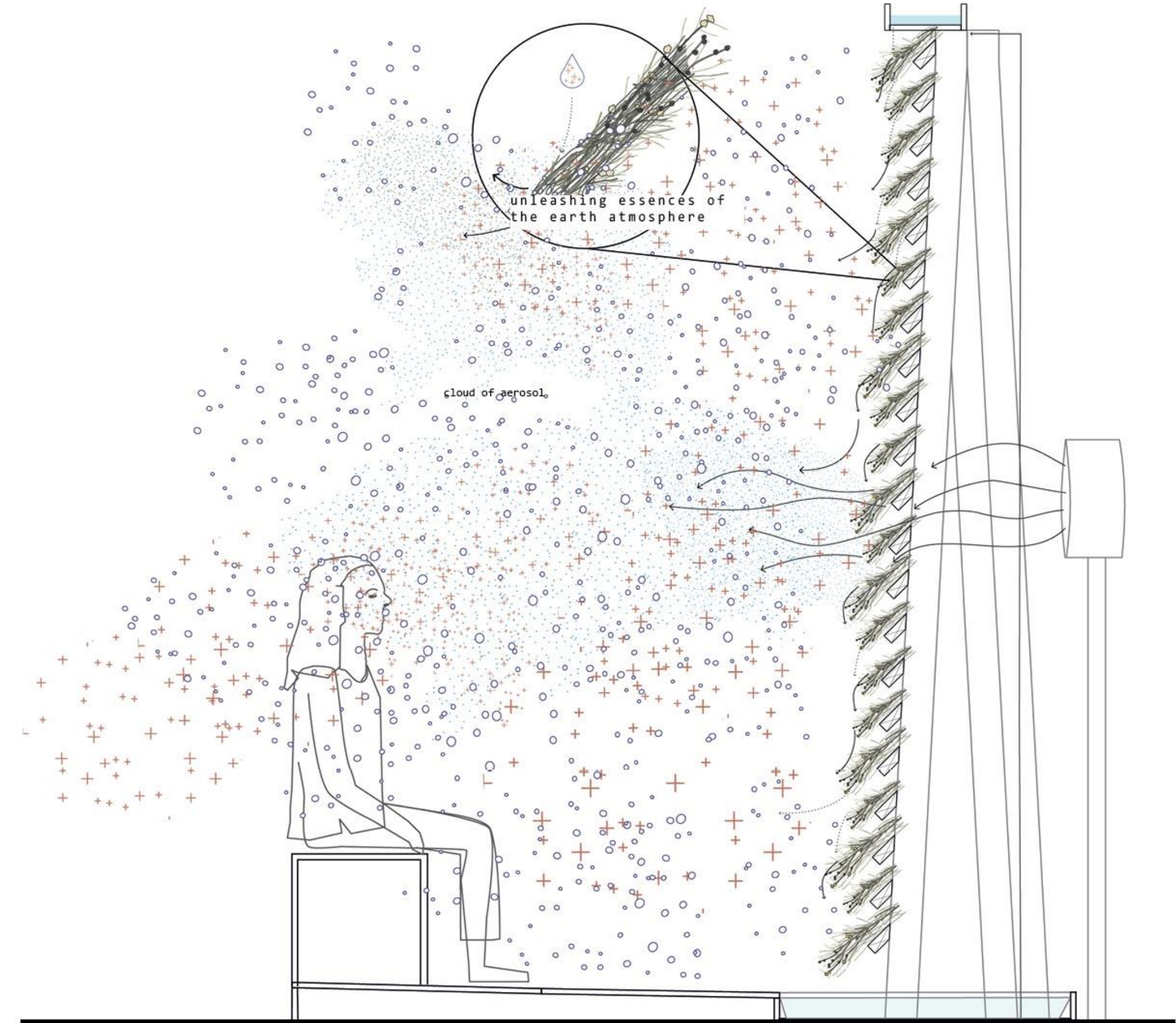


**3°C**      **temperature decrease**

275 m<sup>3</sup>      indoor space

75 W      installed el power

0,24 kWh/d      consumption of el energy



**AEROSOL – Conditioning Space Naturally**





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**AEROSOL – Sensorial Experience**





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B R E A T H E . E A R T H . C O L L E C T I V E