

An architectural rendering of a modern building with a courtyard. The building features large, light-colored columns with a hexagonal pattern and a series of balconies with greenery. A woman is running on a balcony in the upper left. In the foreground, a man is sitting on a low wall, talking on a phone. A group of people is walking in the courtyard, and a woman is walking away from the camera on the right. The courtyard has a paved area with a hexagonal pattern and some greenery.

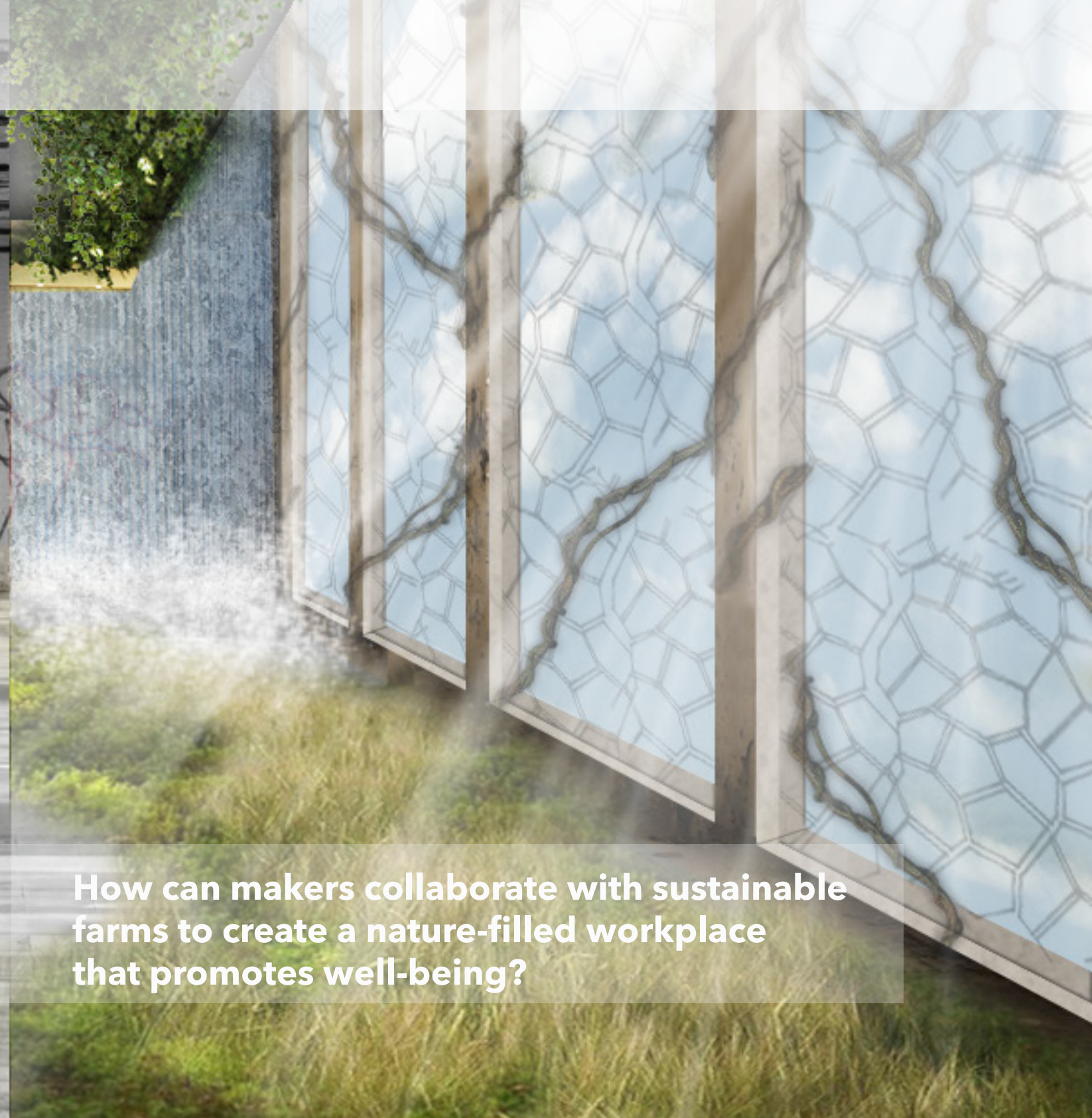
ECOPIA

Natural sensations for working wellness.

NATURE DEFICIT



Contact with nature is essential for well-being, but most work requires a controlled environment.



How can makers collaborate with sustainable farms to create a nature-filled workplace that promotes well-being?

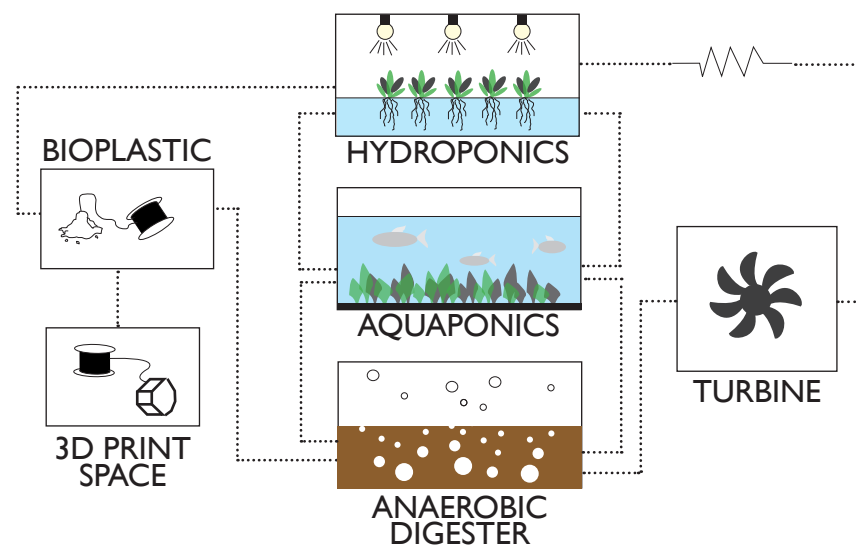
ECOPIA

Improving well-being by balancing natural and controlled environments, in an ecologically sensitive system.

MATERIAL FARM



With the proliferation of vertical farms, unique opportunities may become possible for a variety of workers.



ECOTECHNOLOGY

Procell Skin

The building skin is composed of procells that have dilating capabilities to modulate sunlight.

Metal Framework

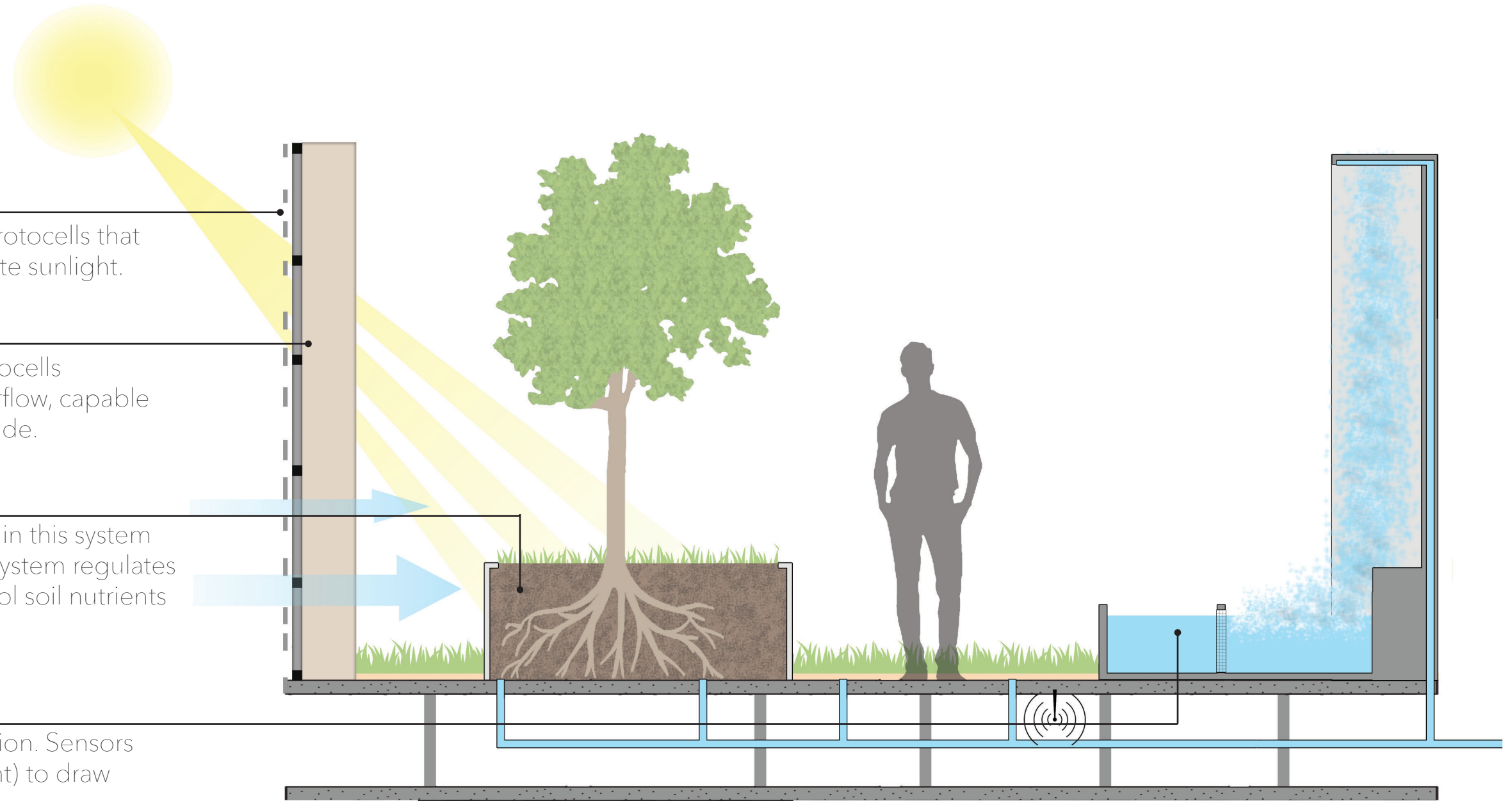
Grafted to metal framework the procells regulate indoor temperature and airflow, capable of bringing in breezes from the outside.

Data System

Genetically engineered plants thrive in this system because of their short roots. A data system regulates plant health using sensors that control soil nutrients and irrigation.

Irrigation System

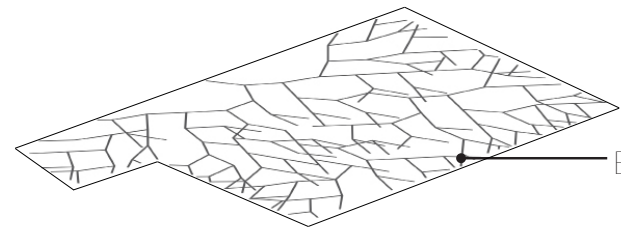
Raised floors house piping for irrigation. Sensors release hydromash (organic dessicant) to draw moisture to the surface.



Extending the ecotechnology of indoor growers, workers can enjoy natural sensations in a controlled environment.

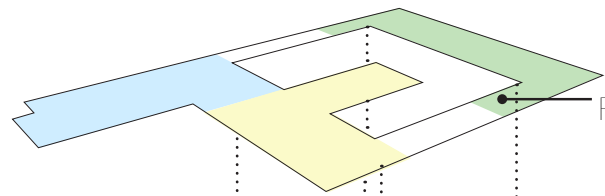


SPACE PLANNING

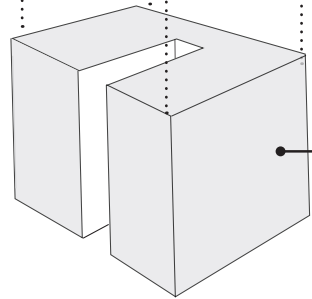


Branching System

Amenities Production Space Flexible Work Landscape



Programmed Space



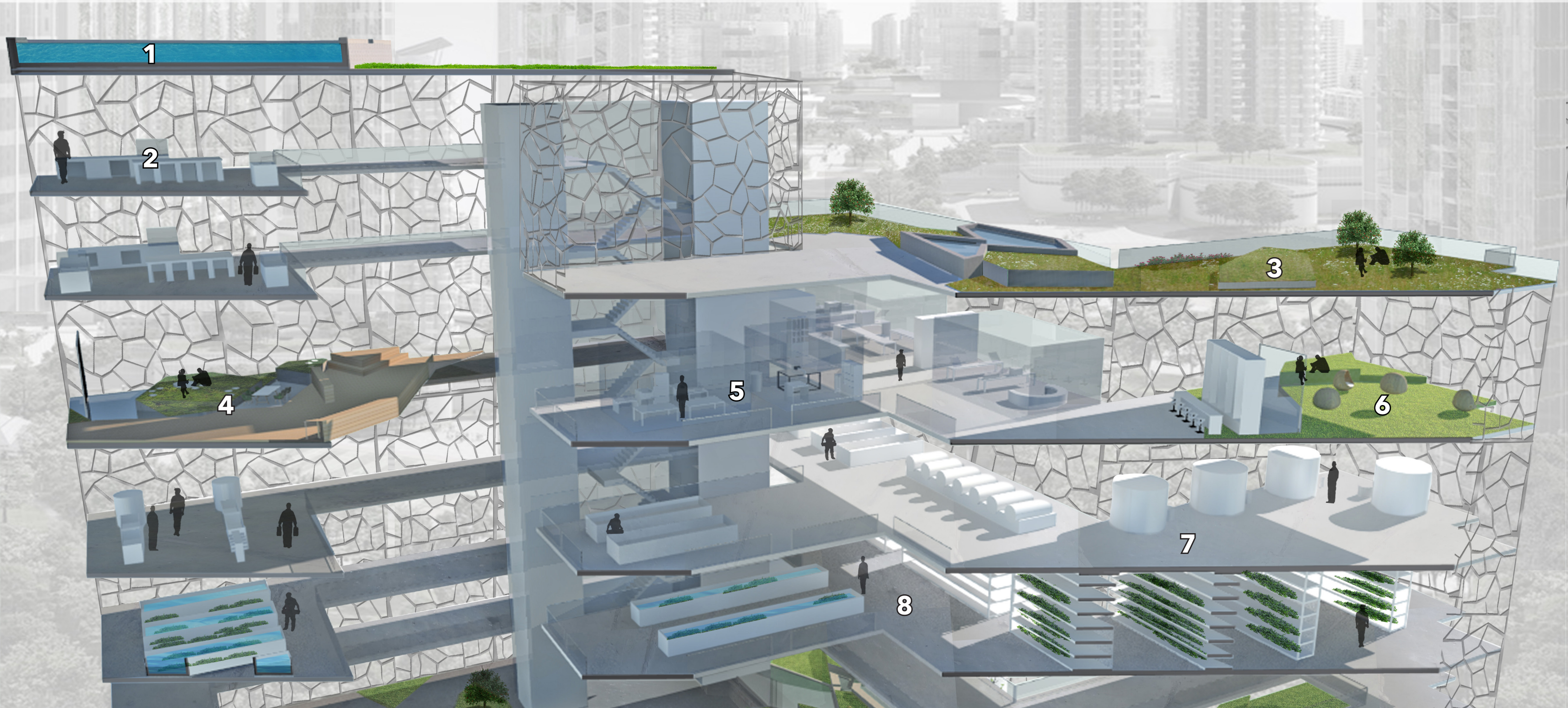
Carved Volume



Existing Building



PROGRAMMING



1. Rain collection pond
2. Lab
3. Roof Garden
4. Collaboration Park

5. Workshop
6. Nourishment Center
7. Material Processing Center
8. Material Garden

COLLABORATION PARK



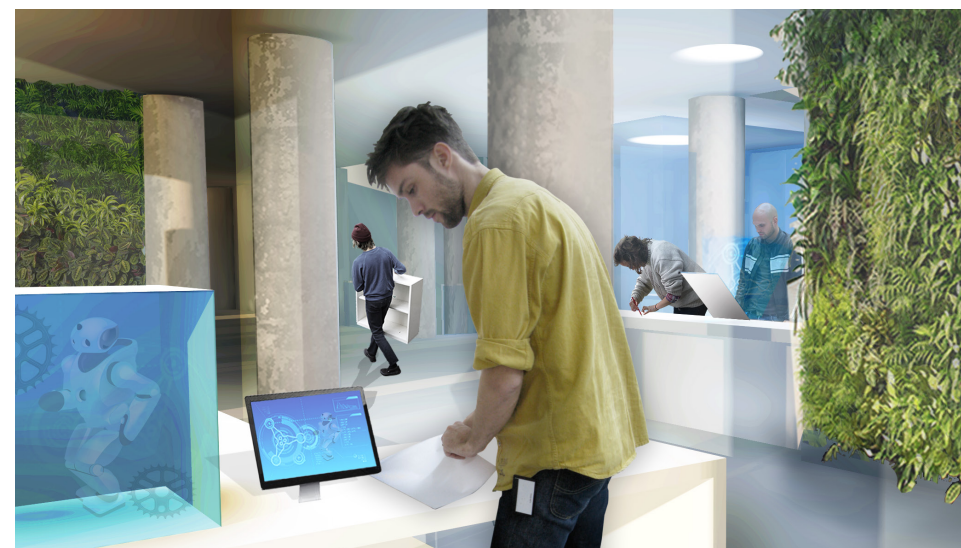
Working alone or with others, creativity rises and stress falls as users see, hear, feel and smell natural sensations.



WORKSHOP



Workshops with natural light, views and fresh air keep makers feeling alert and productive.



NOURISHMENT CENTER



Hydroponic cafes and napping areas support bodily needs.



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