



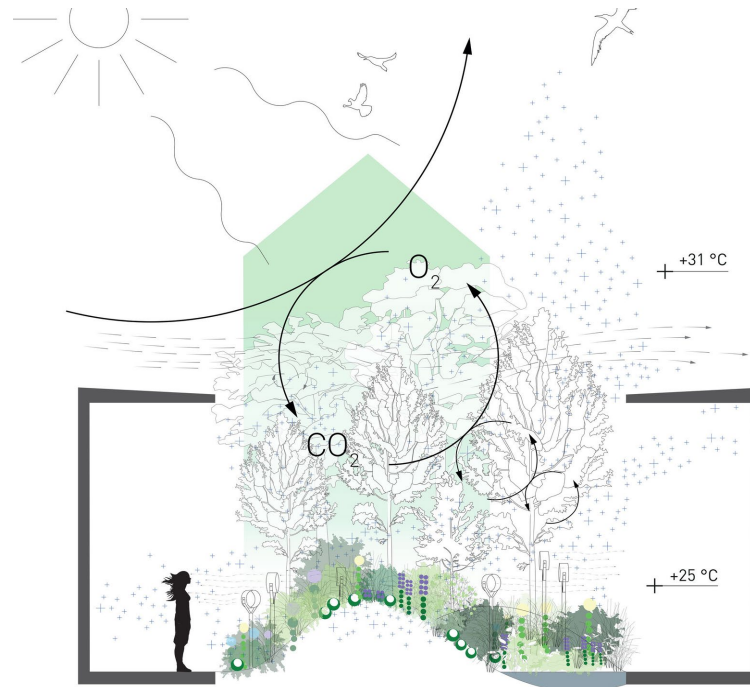
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breathe.austria, concept diagram of pavilion at 2015 Milan Biennale, terrain architekten

48200: Poiesis Studio 3: Architecture Biome and Climate

18 Units

Laura Garófalo (coordinator)

The Poiesis Studio 3 explores how architectural and landscape design can respond to a local biome. With a focus on climate and ecology, it highlights the use of precedent and the relevance of context in how architecture takes shape – how it develops its morphology. As the architectural profession collectively recognizes the built/natural environment as a complex web of interacting parts constantly exchanging energy and resources, we become interested in developing architecture that contributes to context from which it arises. In response Poiesis 3 will seek to support and enrich the local ecology (both cultural and natural) in a similar way to how a biome's flora and fauna both adapt to their surroundings and help form sustaining ecosystems.

The studio gives students a foundation in site and precedent analysis, passive design strategies, and ecological and environmental systems thinking. Through an iterative process you will develop formal and programmatic organizations as *field conditions*, or aggregations that highlighting the localized interconnectivity of buildings, bodies, and environment and redefine boundary conditions. Merging architecture and landscape, your resulting morphologies will become a mediator between interior and exterior, public and private, the social and the ecological. Working from the scale of the site to that of the envelope your designs will arrive at a sensorially rich, environmentally responsive and resilient architecture.