

ma duneland

Mannheim has a long history of invention and innovation. From the bicycle to spaghetti ice cream, Mannheim has seen a lot of ideas from the minds of great inventors become reality. Mannheim, once touted for its sunny and warm climate, now faces new problems however: Overheating, climbing temperatures, as well as fewer rains and winds.

The city of Mannheim, particularly its city center, has been heavily affected by this growing concern. The city center often experiences higher temperatures, up to a 4-degree Celsius temperature difference in contrast with its surroundings. Cooling the city is difficult because the dense development in the city center has created a blockade that leads to heat accumulation. Additionally, particulate matter and bad air become trapped, lowering the overall air quality. The heat and environmental problems impair the quality of life in Mannheim leaving the people in the city wanting for a place where they can retreat and recover from the stale city. ma duneland is our solution.

ma duneland should not only be multicultural but also multifunctional. Tapping into Mannheim's history of innovation, we want to innovate the greenspace to be a place where it's possible to combine work, leisure and education. An escape from the hustle and bustle of the city, a place to relax and come together, but also a place to get excited about solutions for the future of energy technology. A place that makes people think and imagine. We have also kept in mind Mannheim's personal goal for the BUGA: Not a monument, not a landmark, but a place that gives back to nature.

Mannheim's topographical location on a natural dune landscape supports our project. We want to take an idea that nature has already created and develop it further, in the spirit of Mannheim's innovation-rich history. Duneland's goal is not to interfere with nature, rather adapt to the natural landscape.

A stunning landscape which allows you to immerse yourself in nature with wide green spaces and walkable dunes. Woven into the landscape the sources of energy are used to power the dunes, organically seamless and hidden, yet still very much present. Renewable energy doesn't need to be in its classical forms as we know it, often jarring against the flow of nature, rather renewable energy can be integrated into it. Ultimately, it is our wish that ma duneland inspires its visitors to be optimistic about a post-carbon future.

We want to create a place for Mannheim's citizens and the next generations, where they can come together and connect. The organic shape of the dunes, as well as ramps at every entrance, make ma duneland barrier-free and accessible to everyone. All social and demographic groups should be addressed so that a strong community can be formed.

