

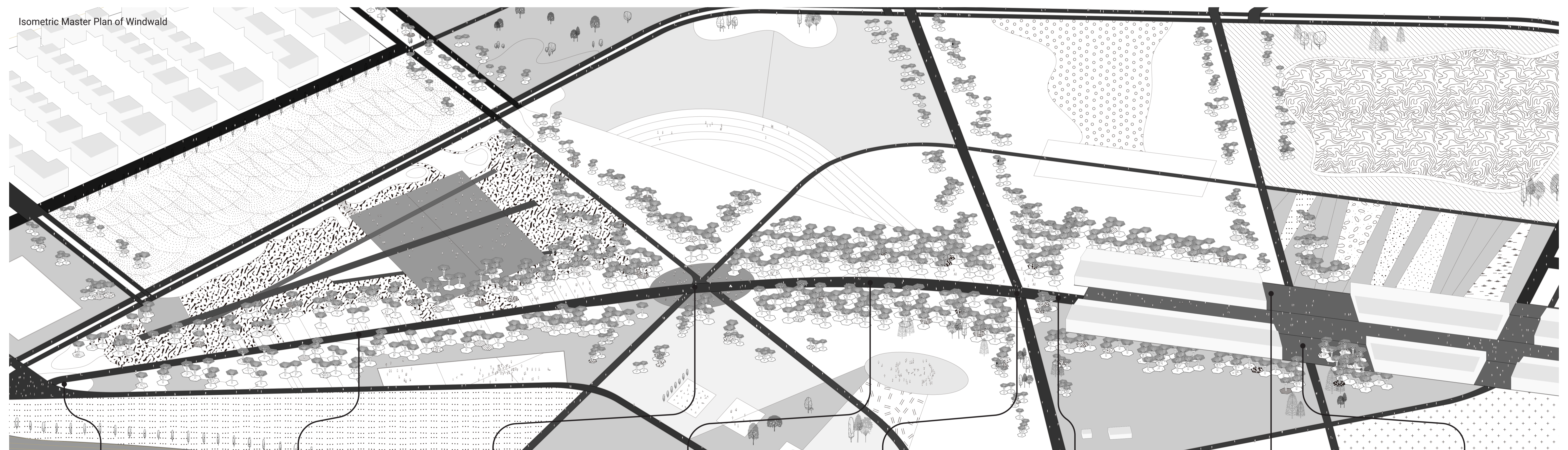
Temperature & Density Difference      Wind flow along the Green Corridor

### Site/City Analysis

Windwald is located about 3 kilometers northwest of the historic city of Mannheim in southern Germany. Unlike adjacent ground conditions, the site serves as a gigantic cooler for Mannheim due to the vegetation covering the area. As the region itself cools the temperature of the air and lowers the density, the cooled air travels through the green corridor to the heated city center. The inflow of cooled air circulates and lowers the temperature of the city, eventually enhancing the city's ability to expand in the future.



Perspective of Windwald and U-Halle



Isometric Master Plan of Windwald

- Scene 1. Walking**  
*Place as a Park:* A place used to be a military base will be transformed into a park for the healthy lives of residents.
- Scene 2. Playground**  
*Place for Recreation:* The park becomes a playground for children and provides a place to rest for families.
- Scene 3. Green Corridor-1**  
*Connected area to Green Corridor:* Access to the site extend as walkways, and various events are created underneath the modules.
- Scene 4. Square**  
*Place as a Square:* While walking, people will enter a open space where they can gather, enjoy leisure and hobby activities together.
- Scene 5. Green Corridor-2**  
*Connected area to Green Corridor:* Spaces under the shadow created by the modules could also be a place of contemplation.
- Scene 6. U-Halle**  
*Connected area to U-Halle:* Modules are along the walkways leading to U-Halle which is a place for meeting and ecological education.
- Scene 7. Green Corridor-3**  
*Connected area to Green Corridor:* Green Corridor is also a linear walkway that functions as a multi-functional space.
- Scene 8. U-Halle & Green Corridor-3**  
*Connection area with U-Halle and Green Corridor:* Open space that accommodates U-Halle's events is accessible from Green Corridor.

