

Windwald

*Wind.zip ;
Compressing the Power of the Wind*

The design of Windwald focused on the urban role of the Green Corridor, while producing energy and inspiring peoples about natural energy. The Green Corridor has an abundant natural source of wind, and Windwald proposes to utilize this wind to create an icon of the city's sustainability through willow-like land art that harvest energy.

Windwald generates electricity by the force of wind, stores energy, and illuminates when needed, creating a new landscape of sustainability. It will be a milestone in transforming nature into energy in an artistic form, connecting the park, dwellings, and U-Halle.



Perspective of Windwald

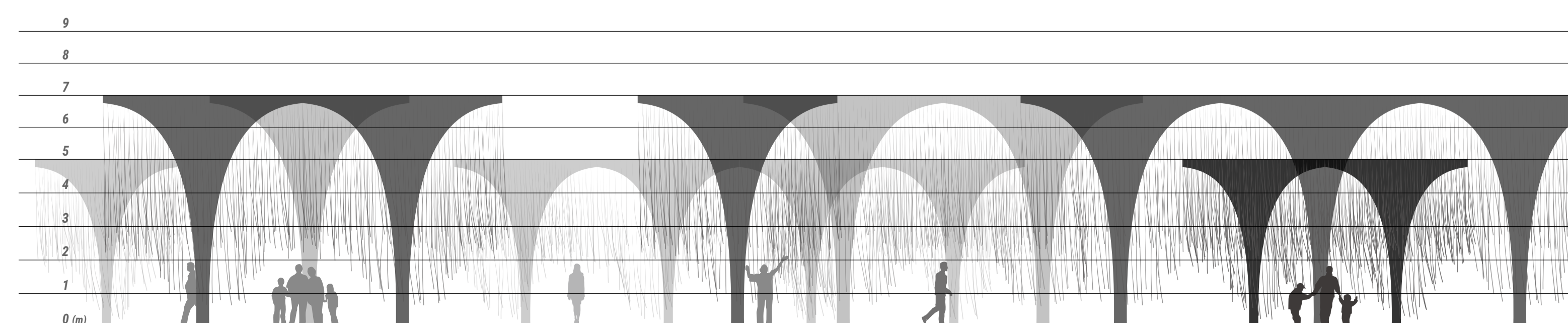
Flows of Wind to Electricity

Willow leaves blown by the wind visually show the movement of the wind. Using this dynamic image of willows, the Windwald also shows the movement of the wind and converts this movement into energy by conductors. Soon, the swaying of Windwald becomes energy itself, emitting light through LEDs, providing a new landscape to citizens.



Natural Wind Sources for Energy Harvesting: The abundant wind power within the site will be utilized in the concept of willows swaying along the wind

Wind to Electricity & Light via TENG Modules: Movement of conductors inside the modules produces electricity, ultimately creating a new energyscape by lightings



Section of Windwald