Dune
Wind Harvesting Park - 534 units

Front Elevation
Vertical Section

Hydraulic metal platform (w/ topsoil layer)
Protective cover - flexible aluminium mesh
Micro wind turbines (vertical axis), on brackets

Each dune is an individual wind harvesting machine equipped with a set of micro wind turbines. The turbines harvest energy directly from the prevailing winds and also by funneling the draft downwards to the underground level. The dune system aims to create individualized micro-spaces at the ground level, sheltered areas for relaxation and leisure. The dune was designed having the human proportions in mind, with the larger units about 1.5m high. The raised grass surface is large enough for people to sit down.

The Dune Field was designed to be used all year around intensively. Each unit is fully equipped with a retractable hydraulic system to completely shut down and provide a flat ground surface. The retractable system would protect the unit from unexpected unpredictable actions such as extreme weather events or acts of vandalism (preventing other units from being corrupted).