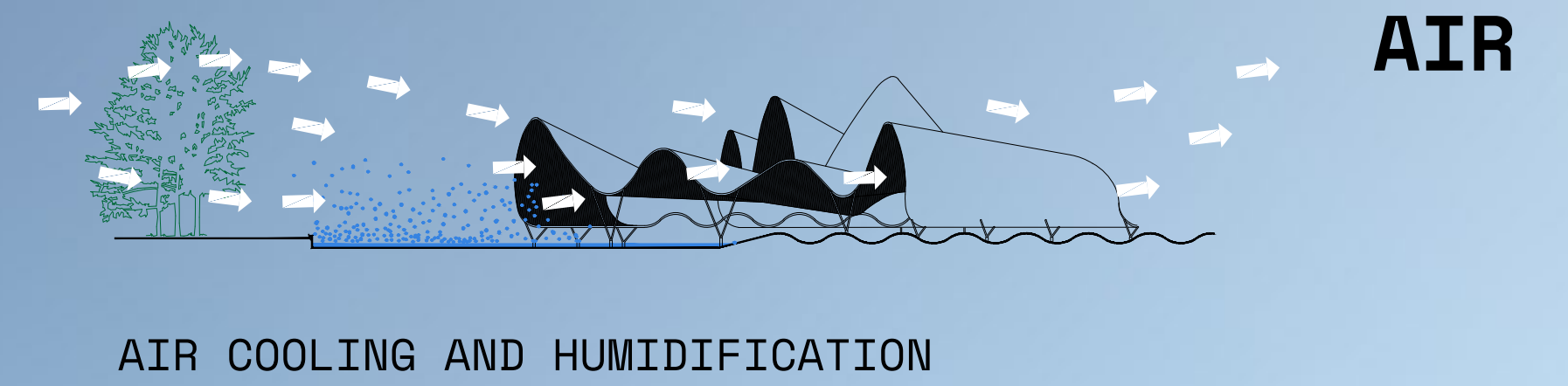
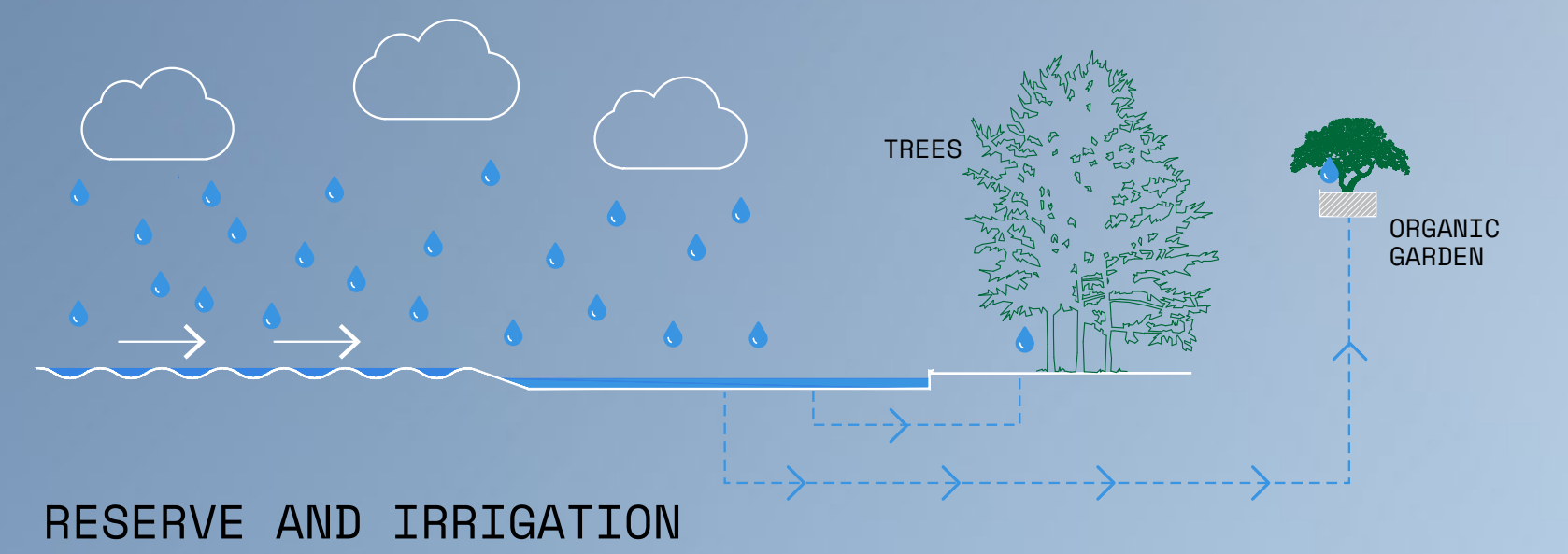
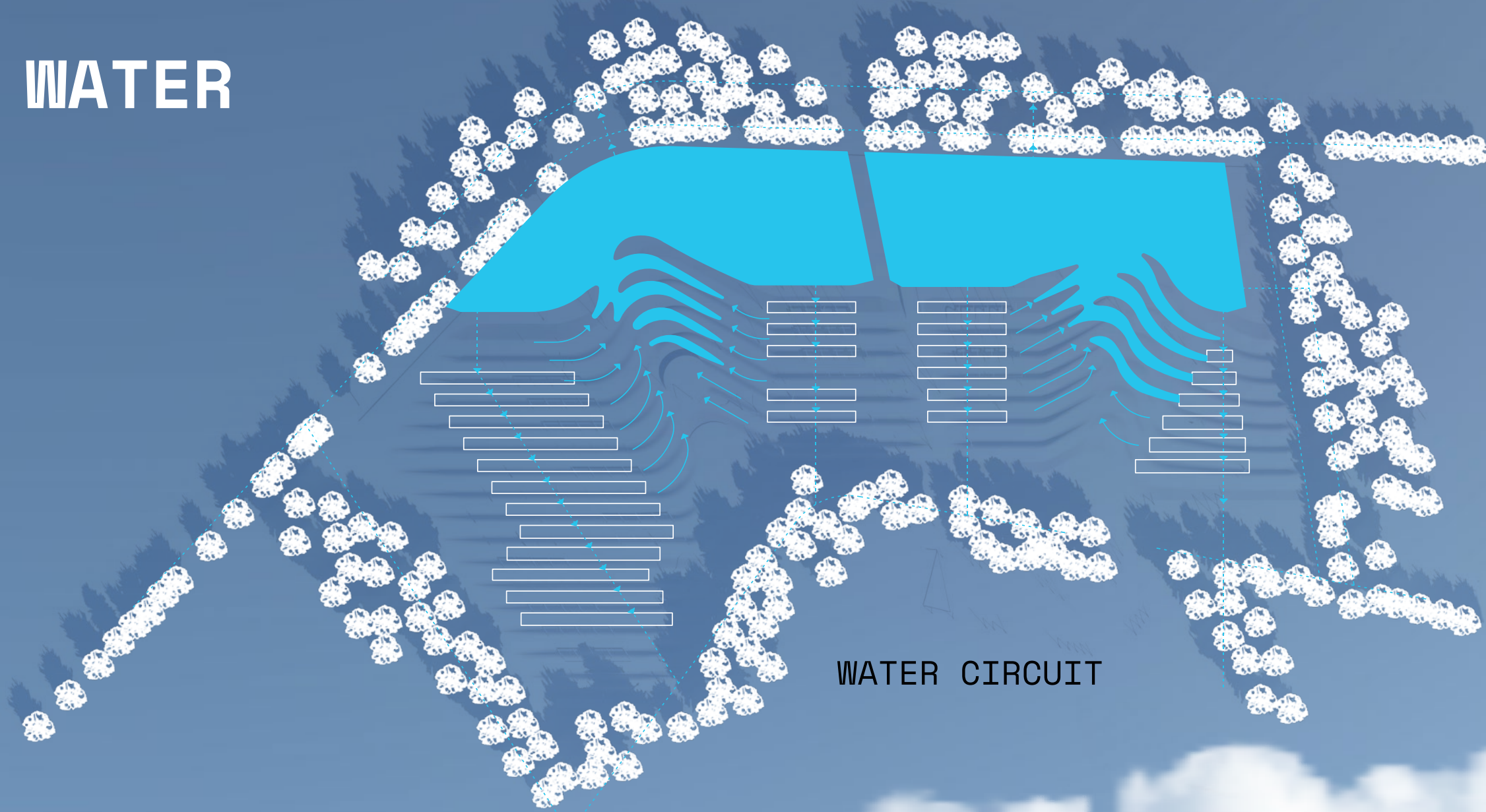


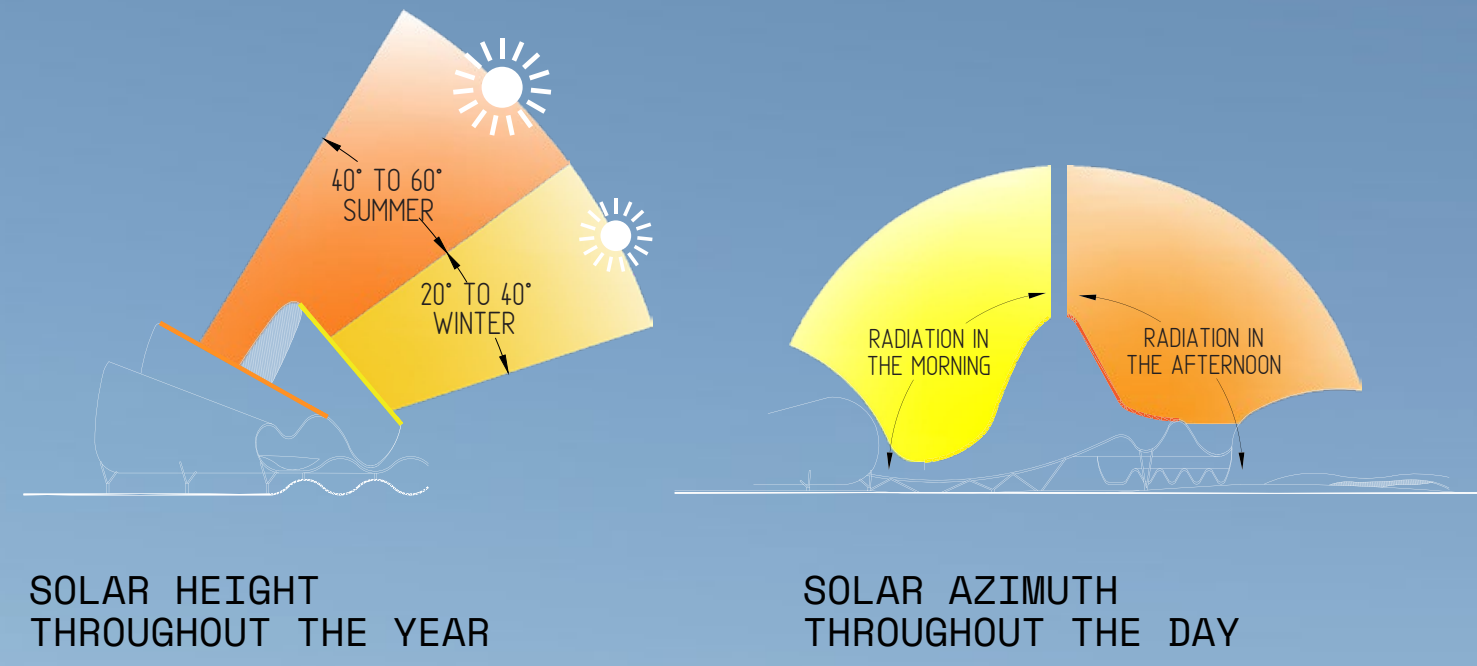
SUN



WATER



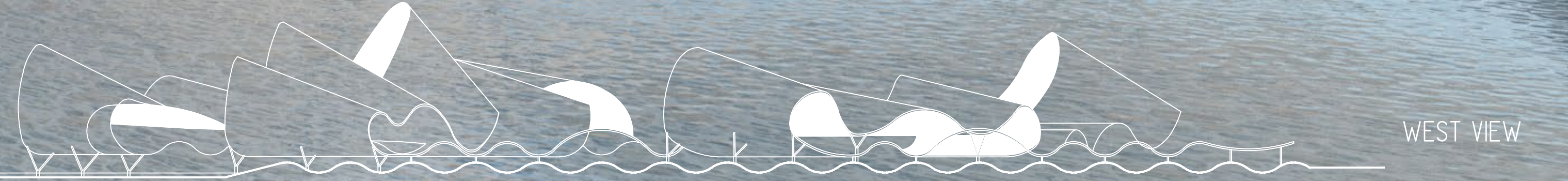
The water mirror is integrated into the concept of reproducing and visualizing a natural habitat. It fulfills an aesthetic and non-disruptive function and allows the use of the resource in a passive and sustainable way, avoiding the demand for water from the urban network to supply the project's requirements.



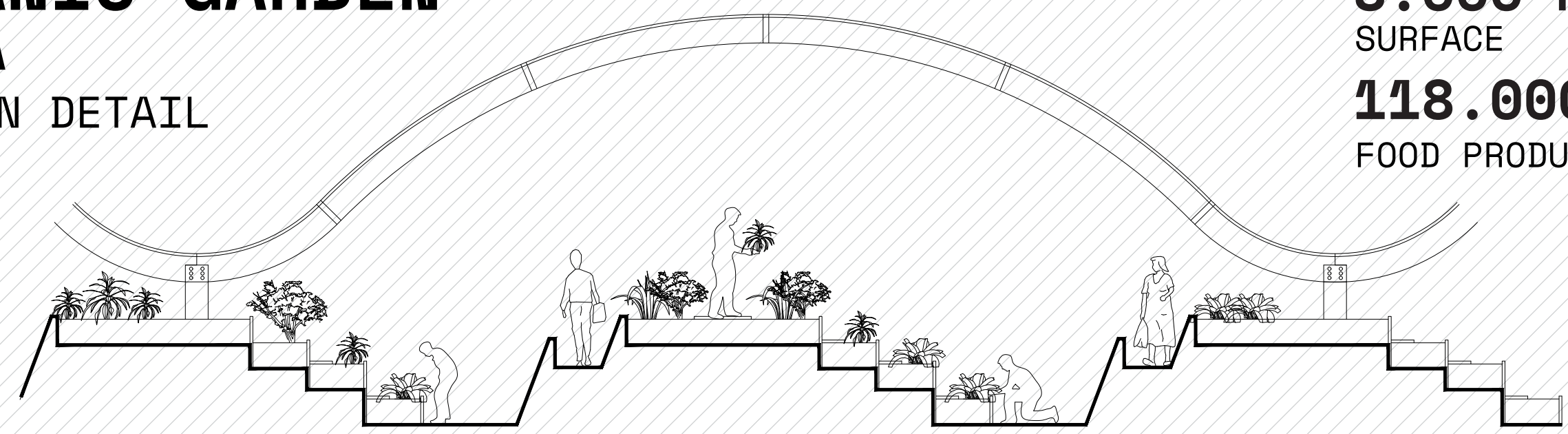
RĒ'BĀRTH



22.240 M² ROOF SURFACE
 1.075 KWH/M² RADIATION AVERAGE PER YEAR IN MANNHEIM
 15.500 MWH ANNUAL RADIATION ON THE PHOTOVOLTAIC SURFACE
 13% EFFICIENCY OF THE ORGANIC PHOTOVOLTAIC SYSTEM
 2.015 MWH ENERGY GENERATED PER YEAR



ORGANIC GARDEN AREA SECTION DETAIL



8.000 M² SURFACE
 118.000 KG FOOD PRODUCTION / YEAR

The orchards are arranged in a staggered manner in the depressions generated in the terrain and are located in the areas facing south, with the aim of making the most of the incidence of sunlight. The staggering in the layout of the crops proposes a front of greater efficiency in the use of solar energy in a smaller area. On the other hand, it facilitates accessibility for cultivation work.



0 100 200 500m