

LC010

LEAF COMMUNITY

NÜRNBERG



## THE MASTERPLAN

An irregular strips matrix is taken as a mediation system between the organic, fractioned places of natural evidences and a more rational, necessary frame of a urban settlement. That matrix becomes a net of routes and crossings capable to arrange the movements and the activities inside the project area, while it spreads with thin filaments over the closest areas (i.e. cultivated land, strip along canal, industrial areas in existing settlement), putting them into a system.

A similar net can either narrow or spread, submitting to following the features of the place, absorbing the pre-existing elements (for the industrial areas a gradual dismission or reconversion could be expected), so making possible the flexibility of a long-term design.

Accordingly, Leaf Community consists of a sequence of spaces, generated by the matrix, which arrange and interrelate public, semi-public and private areas, accomodating activities and functions which change according to their position in the respect of the distinctive features of the area: underground station, new Rothenburger Strasse, cultivated land areas, Rhein-Main-Donau canal, footbridge on canal.

Under the impulse of similar forces, the net modify its shape and the build-up area adapts to the circumstances, maintaining a "plate" profile towards the east open space of cultivated land, while raising progressively and setting on the main north-south axis.

### SECTORS (built up areas)

- A. 48.000 sqm (3-6 levels)
- B. 50.000 sqm
- C. 60.000 sqm
- D. 16.000 sqm
- E. 12.000 sqm (1-3 levels)
- F. 21.000 sqm
- G. 21.000 sqm
- H. 12.000 sqm
- I. 10.500 sqm
- L. 75.000 sqm  
(industrial area reconversion)

### OPEN SPACES

- 1. metro square
- 2. pedestrian main axis
- 3. footbridge
- 4. leaf's external ring
- 5. energy park
- 6. sport facilities
- 7. agricultural park



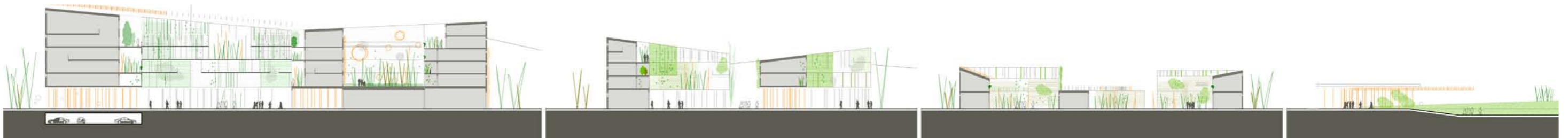
## THE ENERGY PARK

The plan has its generative element in the park, focal point for connections and benchmark for each other areas. The landscape design of the area ensures that the extensive ring-shaped open space penetrates the leaf-shape, filtering into the built-up area and generating parks and associated amenities. This design also guarantees continuous pedestrian spaces connecting the internal town squares to the agricultural land at its edges.

The park host public special functions along the backbone of the bicycle and pedestrian path, as sport facilities together with children playgrounds, while it has different type of green and wood areas.

This green lung more than contributing in a decisive way at the air cleaning allows also a various type of energetic saving i.d. geothermic energy and fitodepuration system. That's the reason why the park could be thought as a thematic park on energy renovation and sustainable living and some buildings could be used as centre for environmental research.

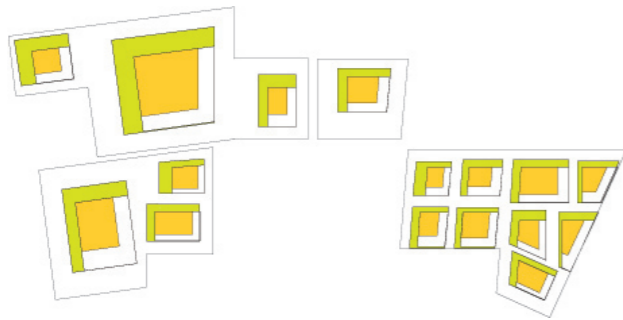




## THE GREEN COURTYARDS - BIO-CLIMATIC CHARACTERISTICS

All buildings comply with the precise orientation characteristics dictated by the view toward the outer private green courtyard and openings facing south and east; in the residential units, the collocation of their living rooms coincides with a south facing orientation, through galleries and sun porches, which allow the maximum exploitation of the sun in winter and the best control of the sun in summer.

This way the control of resources, which is essential to the problem of air and water pollution, is greatly favoured.



## THE FUTURE

In conclusion Leaf Community investigates a urban frame which arranges empties and fillings as a unique matter and which proceeds by landscape fragments, rather than by isolated pieces, handling the matter as a fragmented, complex organism, which however remains a unique whole.

The separation between urban fabric and park is blurred in our project into a continuity where different categories intersect with and penetrate into each other, but never lose their identity. More than that, the border of contact between natural and artificial elements is exploited to the full, so as to reach the maximum of visual pleasure.

As if it would reproduce the uncertainty of its subject matter, the project seeks to create spaces with a well-defined identity, but without any description, preferring to trace a condition of expectation and suspension for a town still evolving.