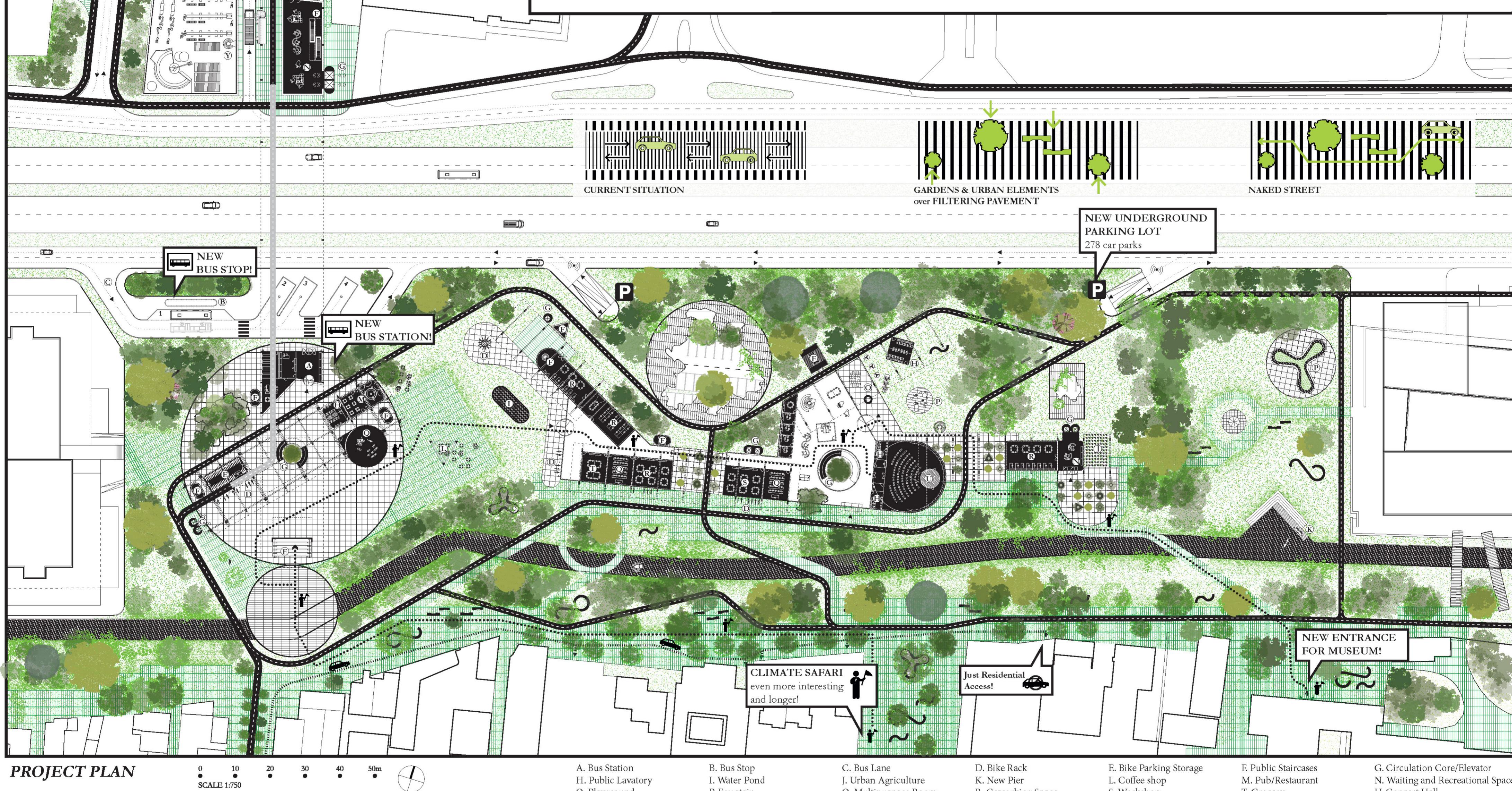
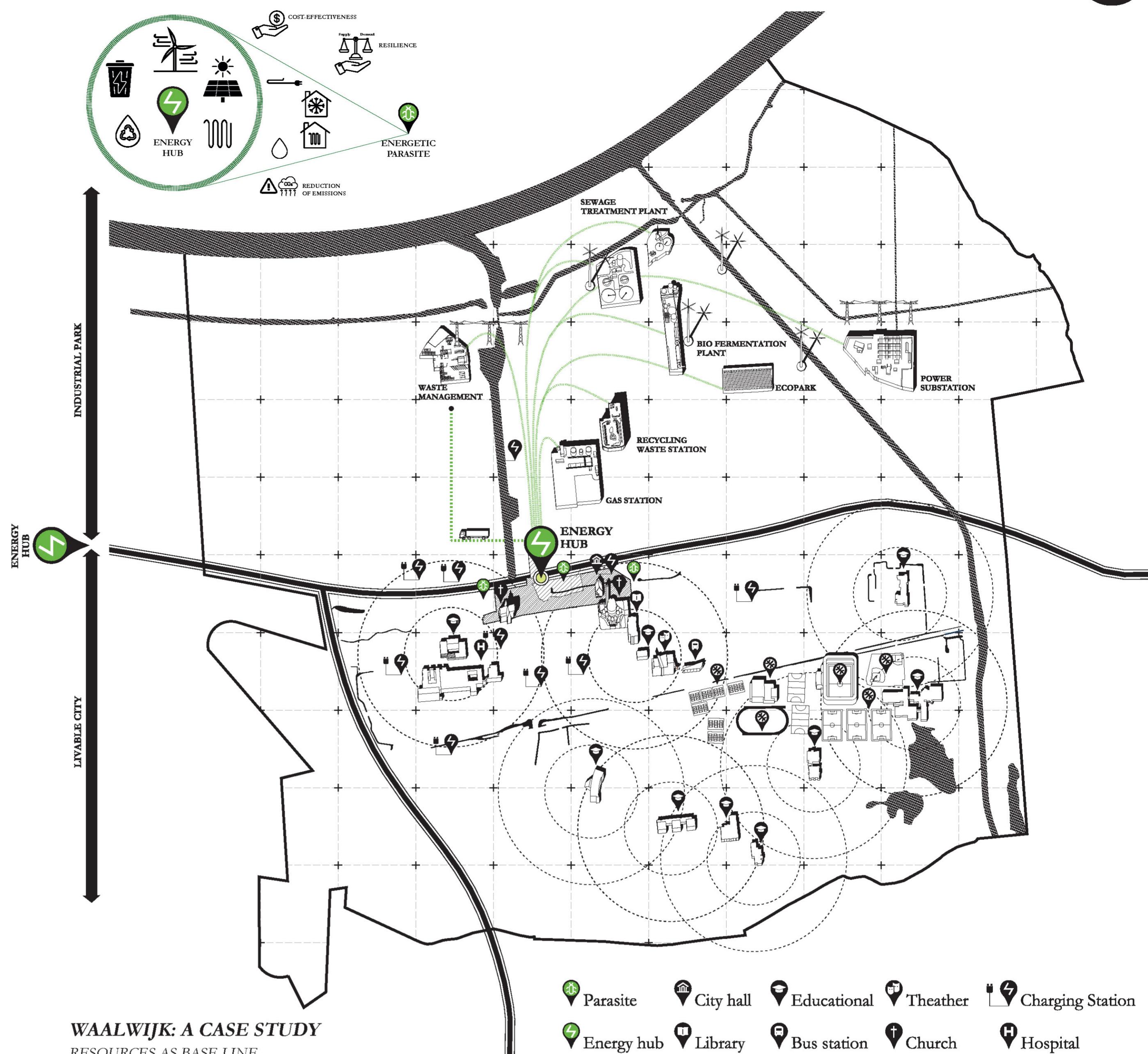
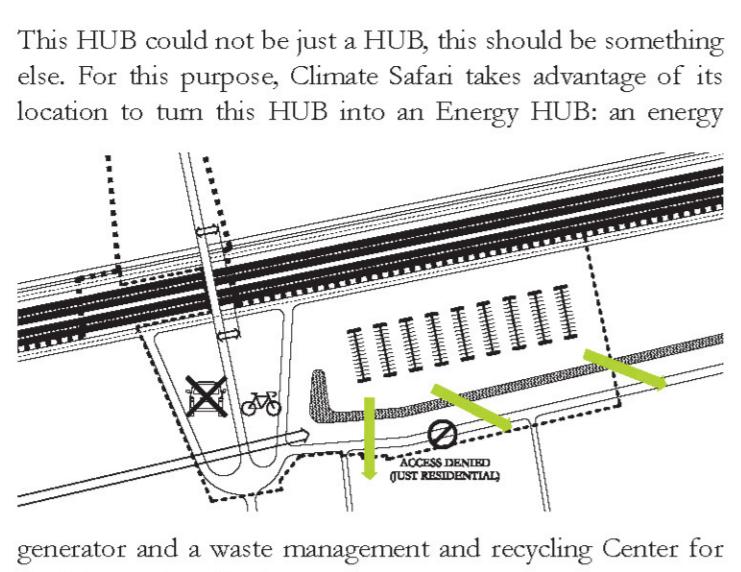


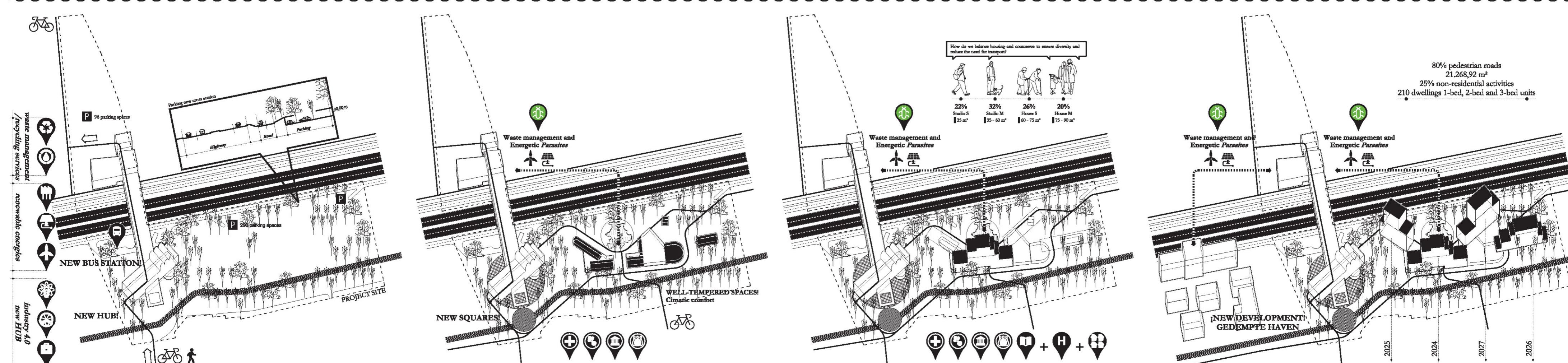
Waalwijk proposes a site that implies a double challenge. Climate Safari considers resolve the relation with the contiguous historical city, as well as the relation to the other side of the Highway, taking advantage of its location to turn this HUB into an Energy HUB: an energy generator and a waste management and recycling Center for the future urban development.

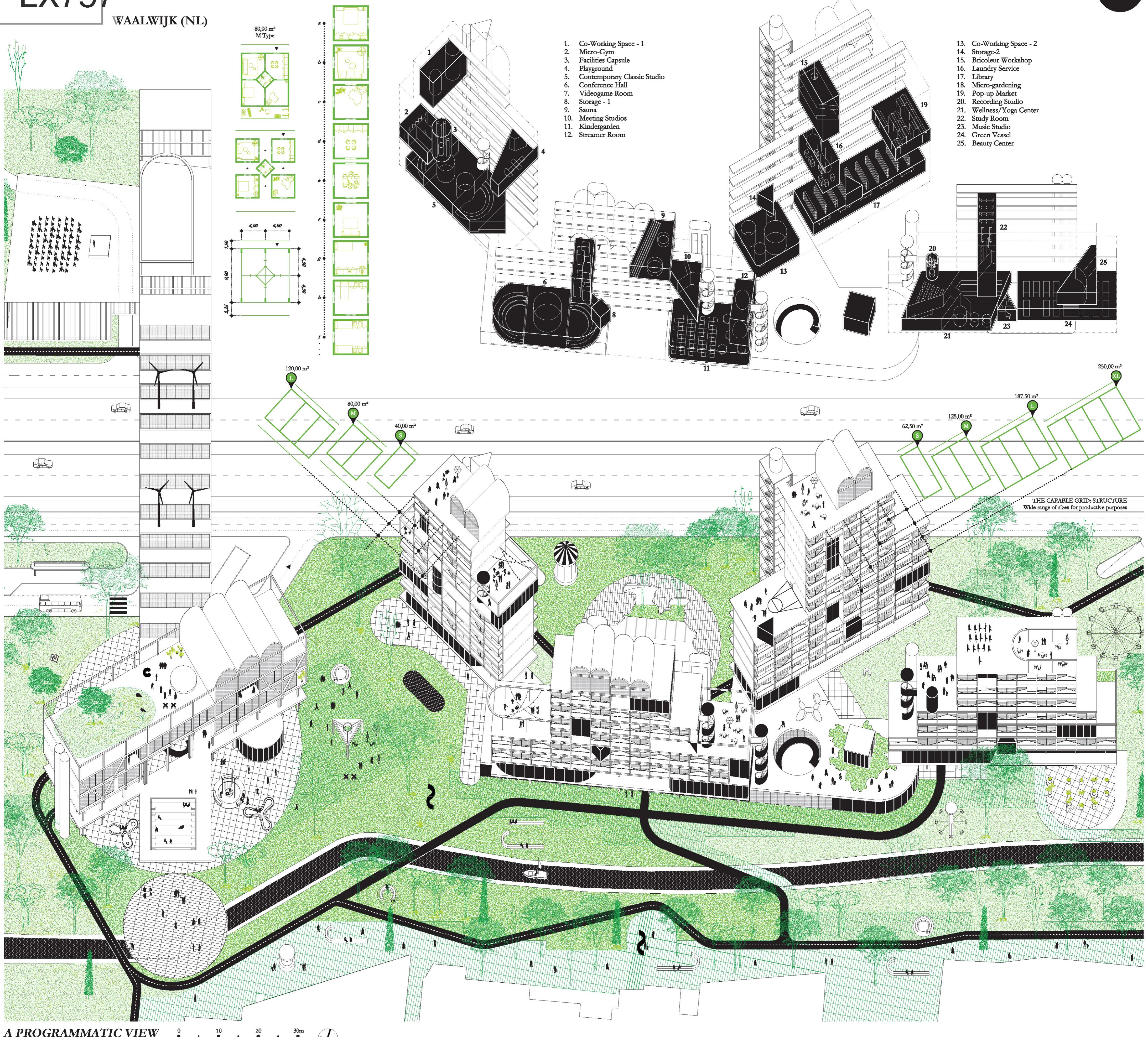
The Highway marks a clear separation between City and Industry. Therefore, so Climate Safari develops an ambiguous solution that lets solve both parts of the city. Safari Climate not just proposes a cross for the industrial park for bicycles and pedestrian, pretends to create a HUB transfer between the urban and industrial, through a series of supplementary programs.

Consequently, City and Industry could benefit from each other.



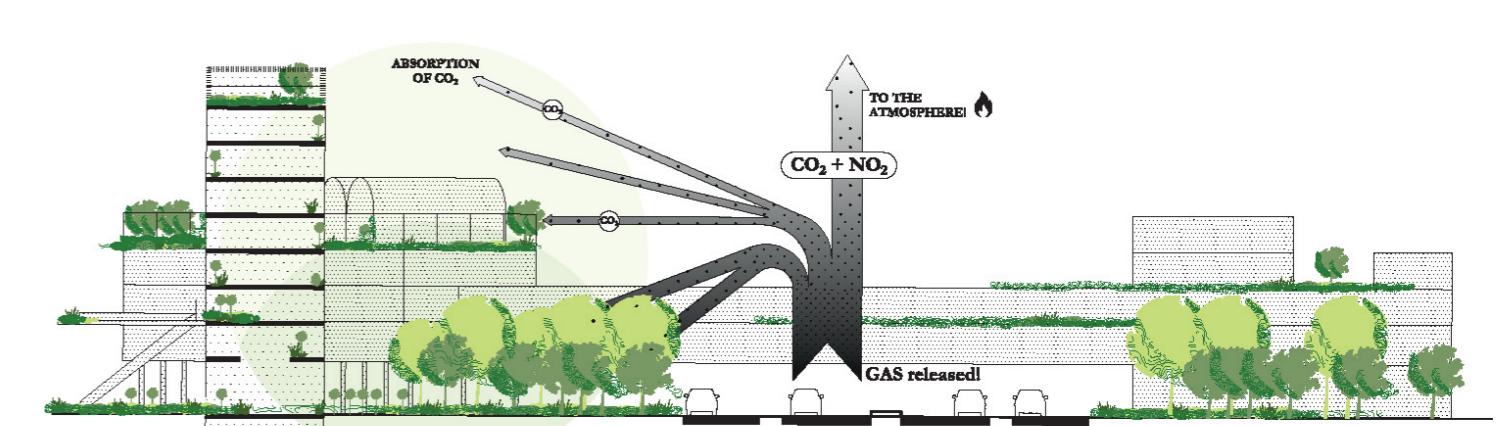
#### A DESIGN MANUAL





Across the Energy HUB, Climate Safari generates a new entrance to the industrial park for citizens from the very center. That makes of this location a unique and uncommon place in our current cities. However, perfect for a mix use of living, research and working.

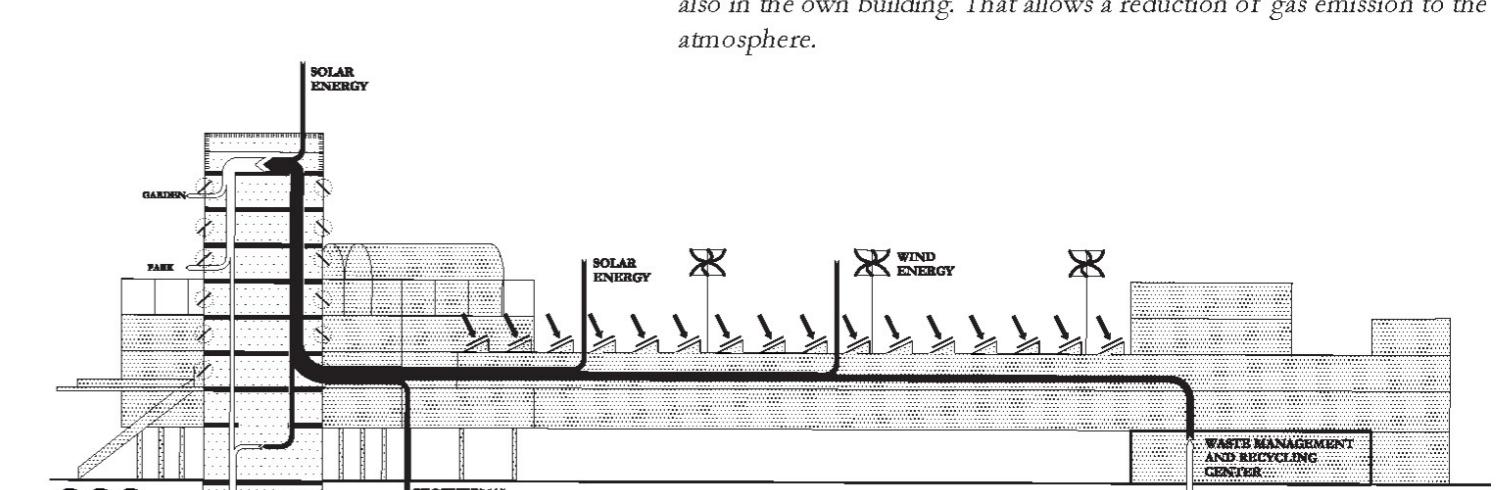
This new gate for industrial park, shaped like an Energy HUB, implies with it a decentralization of the city center thanks to densification, new public spaces, squares and facilities that generates.



#### HABITABILITY

Air quality:

The constant flow of traffic produces an accumulation of gas in the ambience. Instead of suffering the daily action of the carbonation, the complex building participates in the improvement of the air. The vegetation increases not just in the perimeter and in the public space, also in the own building. That allows a reduction of gas emission to the atmosphere.

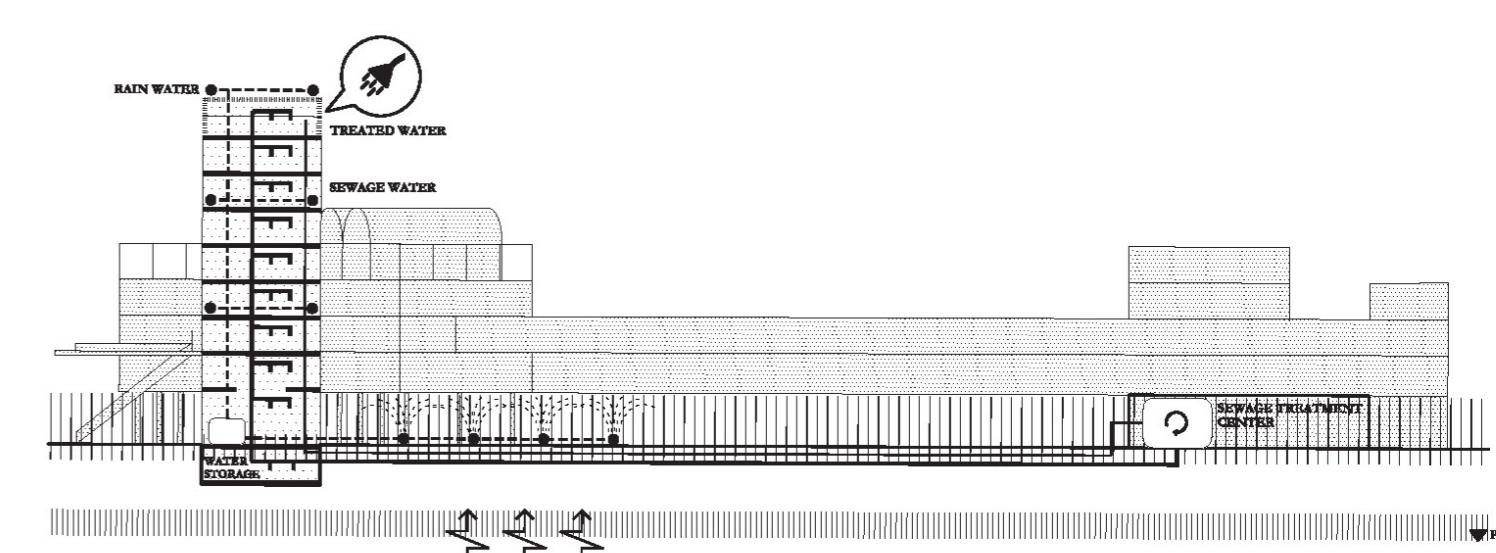


#### URBAN METABOLISM

Waste and emissions:

Closed CYCLE

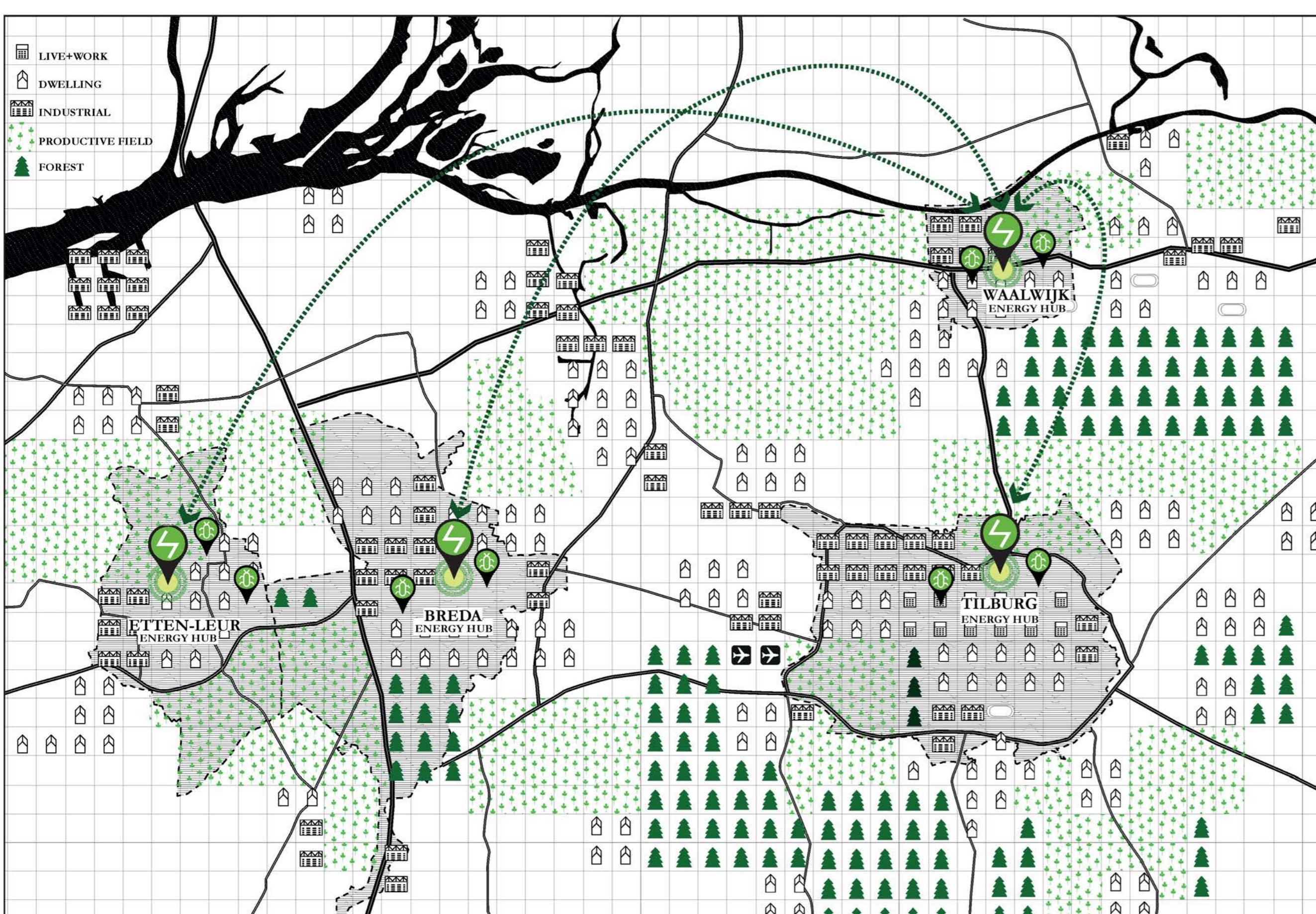
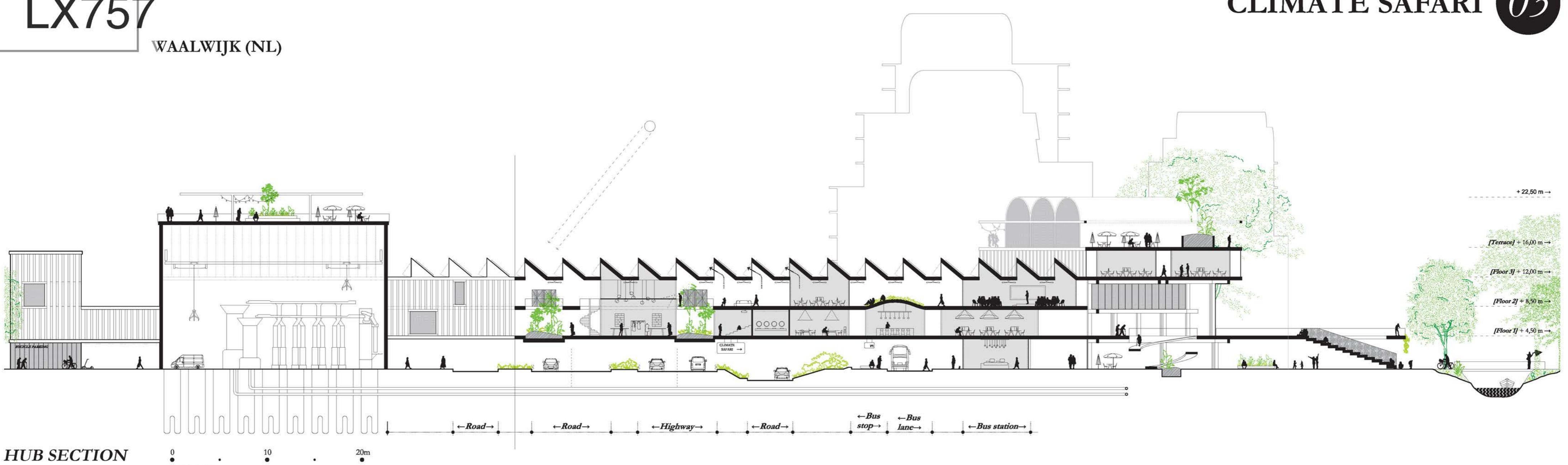
The complex building is capable of interacting with the energy/matter processes that involve it. The construction systems, the production systems and the protocol of maintenance allow the creation of closed cycles within the complex buildings to reduce the external consumption and minimize the waste production.



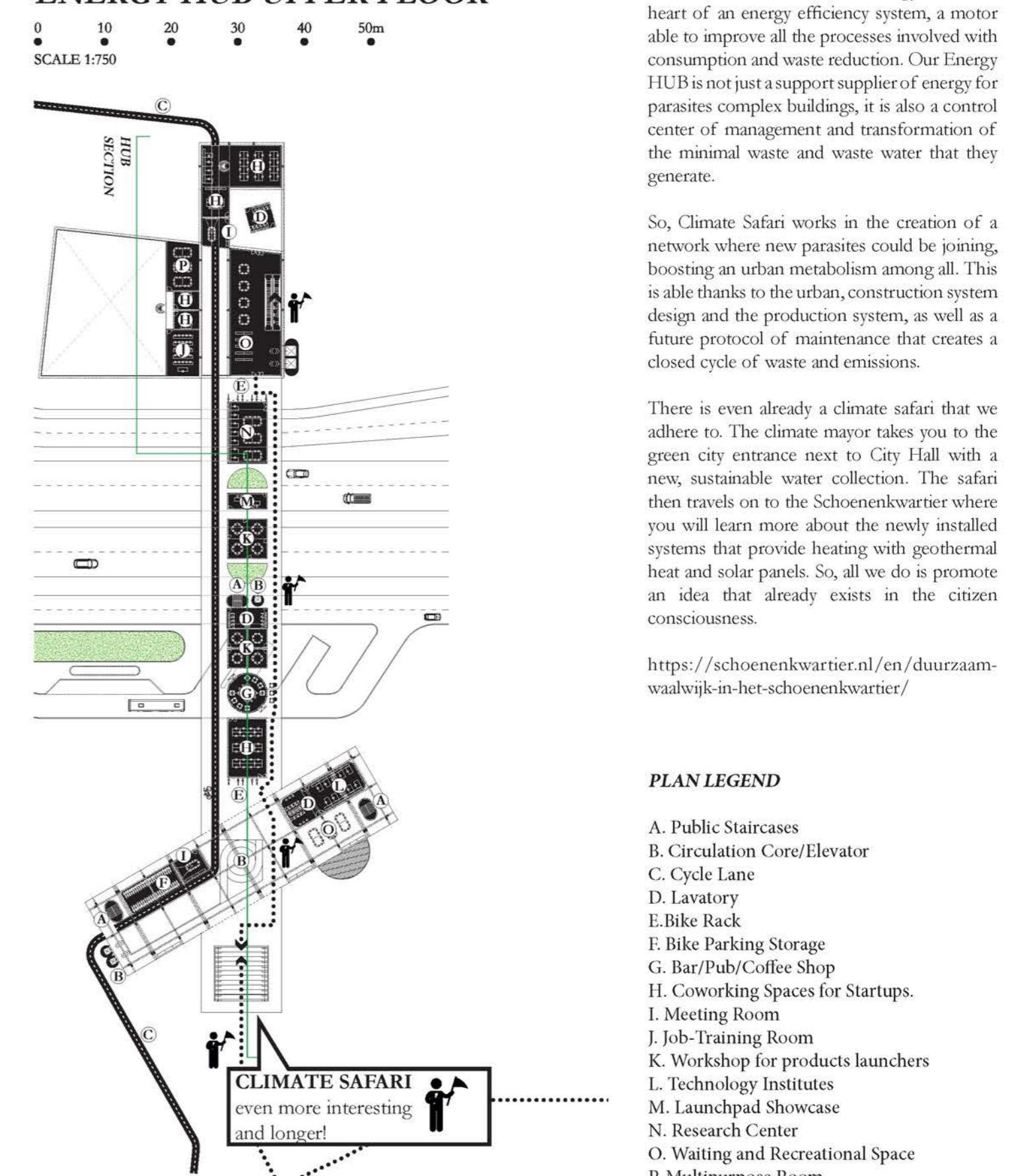
#### URBAN METABOLISM

Water management:

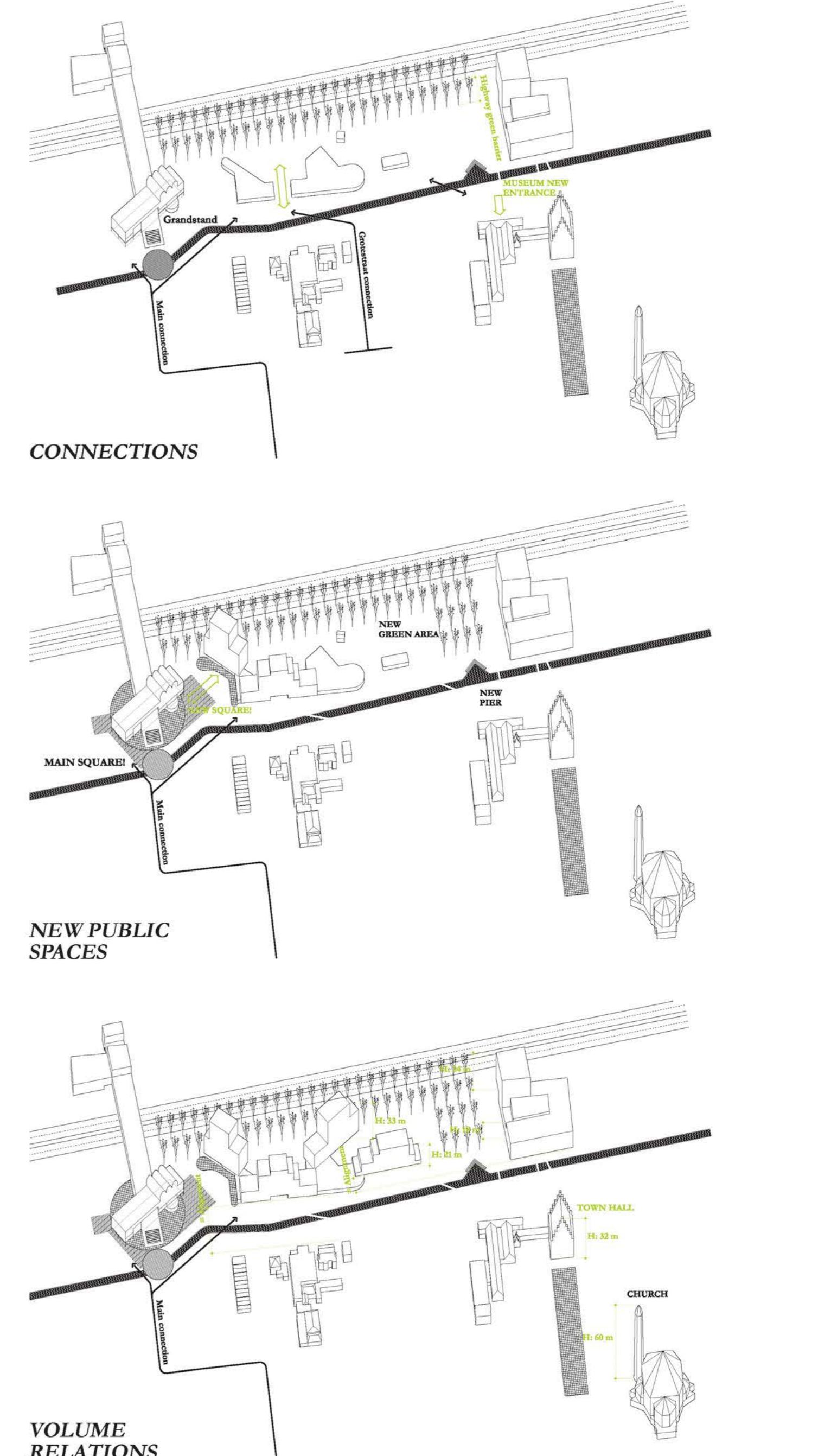
Our complex is self-sufficient and has no urban demand. It is able of transform waste water to a resource with multiple uses and also, reduce water consumption, thanks to the design of a city based on Sustainable Drainage Systems (SuDS).



### ENERGY HUB UPPER FLOOR



### URBAN SOLUTIONS



Climate Safari considers the Energy HUB as a heart of an energy efficiency system, a motor able to improve all the processes involved with consumption and waste reduction. Our Energy HUB is not just a support supplier of energy for parasites complex buildings, it is also a control center of management and transformation of the minimal waste and waste water that they generate.

So, Climate Safari works in the creation of a network where new parasites could be joining, boosting an urban metabolism among all. This is able thanks to the urban, construction system design and the production system, as well as a future protocol of maintenance that creates a closed cycle of waste and emissions.

There is even already a climate safari that we adhere to. The climate safari takes you to the green city entrance next to City Hall with a new, sustainable water collection. The safari then travels on to the Schoenewerkhuis where you will learn more about the newly installed systems that provide heating with geothermal heat and solar panels. So, all we do is promote an idea that already exists in the citizen consciousness.

<https://schoenewerkhuis.nl/en/duurzaam-waalwijk-in-het-schoenewerkhuis/>