

# H.E.A.R.T.

.Holistic Engine for Adaptive and Restorative Transformation.

## what we RETURN

One of the goals of H.E.A.R.T is to return borrowed resources from the planet.

We recirculate wastewater from the neighborhood and return 3141,40 gallons of clean water to maintain parks or public buildings in the area. The flexible solar panels generates 2197,97m2 of friendly shade and at the same time are used to generate 439,594 mwh of energy (at 20% of efficiency) while the wind shakes the surfaces and gives them movement so that, from a distance, it appears to be beating, like a heart.

We promote the responsible use of the soil and self-sustaining crops so that scalability is in how the neighbors start taking care of their crops at home and then be able to keep them growing on the terraces and, later, transplant them where they are needed.

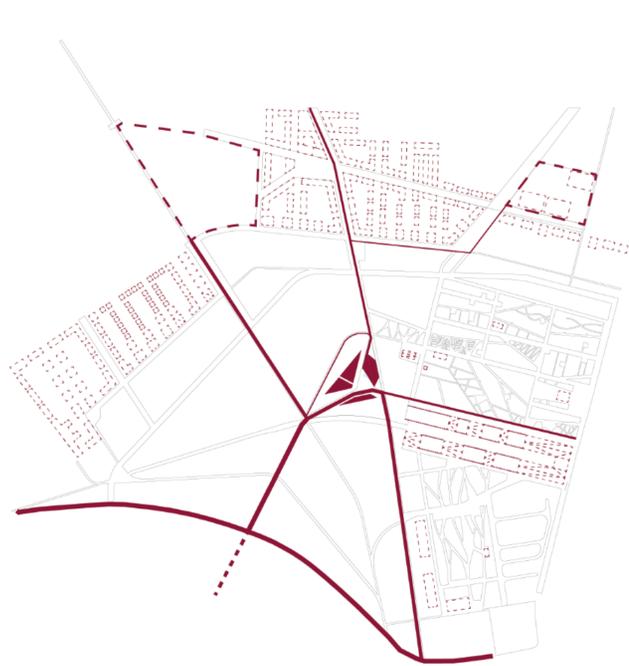
We won a public space where sports can be played in an open space, but with some shade. Where children can play and learn about a possible future.

H.E.A.R.T. has the initiative to be self-sufficient. Not only generates energy for itself and shares it's remaining with the community but provides with clean water with its water waste treatment pools. Both resources, solar and water, are essential for human life and being able to generate them helps reduce the environmental impact and fauna, even though it belongs to a urban space.

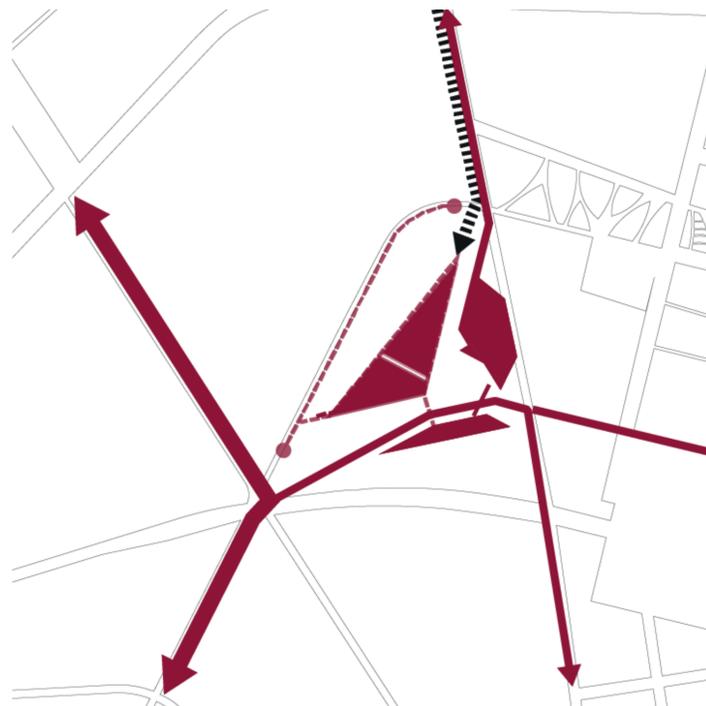
### PUMPING IT UP

The worldwide generation of electricity and heat by burning fossil fuels such as coal, oil and natural gas causes a large chunk of global emissions. This is why H.E.A.R.T. generates energy with flexible solar panels which also create a playful space to share with family, friends and pets. Having different water ponds also brings together native and migratory species, making a more diverse biodiversity.

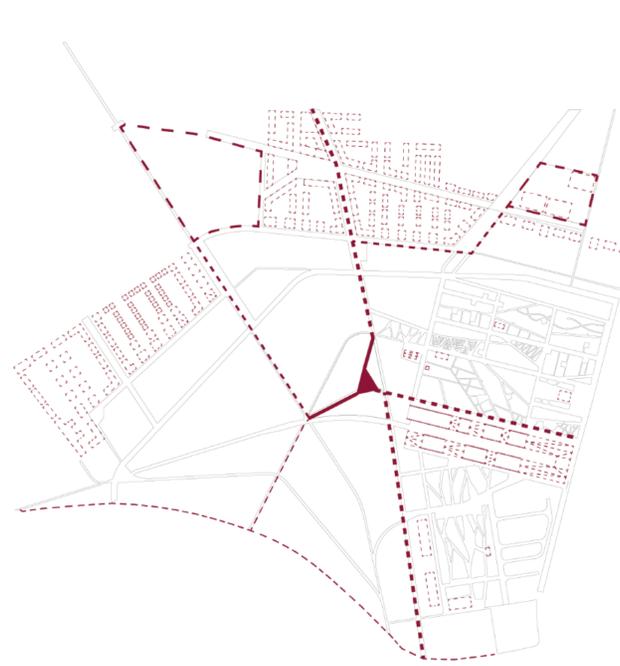
This environmental impact can be measure in watts and liters per year, but creating a public space for integration and awareness can create a bigger impact. H.E.A.R.T. promotes love and diversity between people and nature, even though it belongs to a urban space.



WATER ROUTE DIAGRAM  
H.E.A.R.T. EXTERIOR



WATER ROUTE DIAGRAM  
H.E.A.R.T. INTERIOR



ENERGY DIAGRAM



PLANT NURSERY AND KNOWLEDGE DIAGRAM  
H.E.A.R.T. TO HOUSING, EDUCATIONAL AND CIVIC