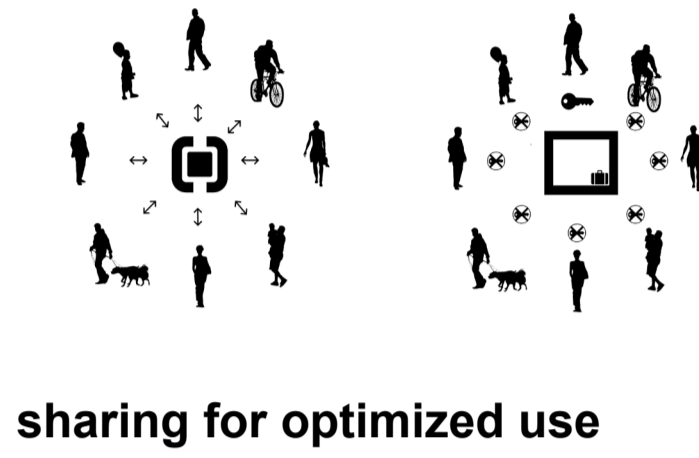
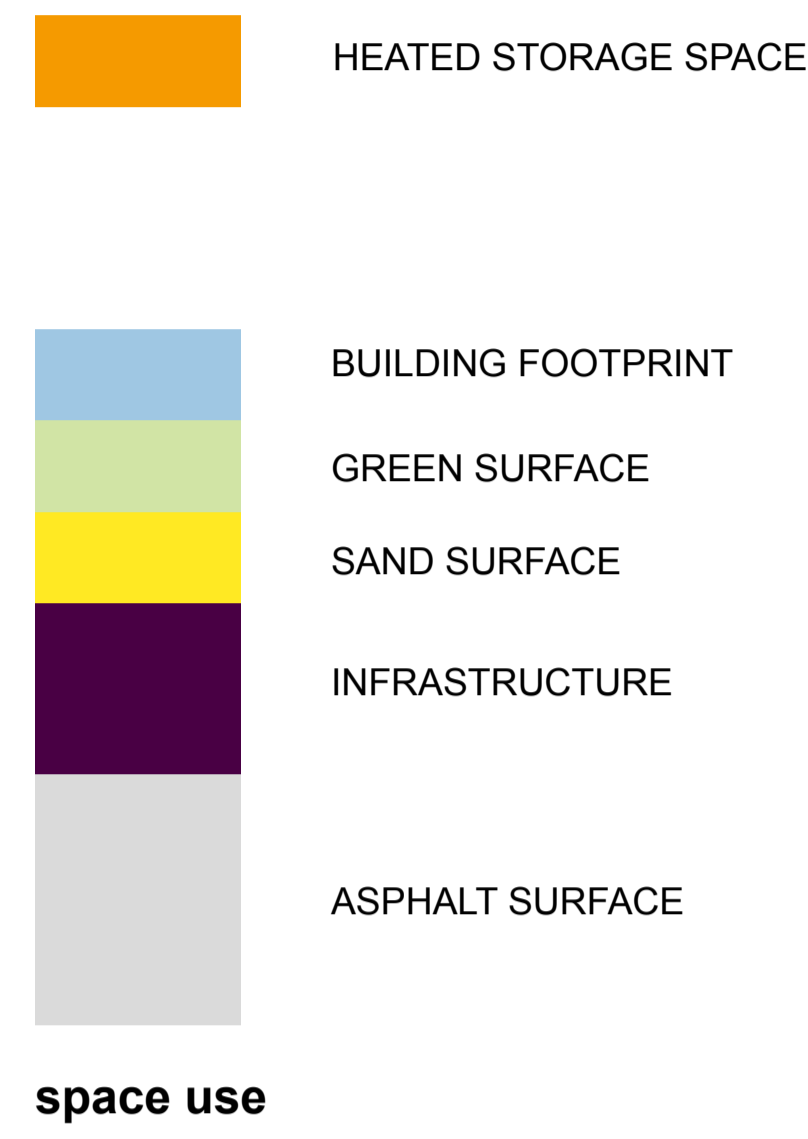
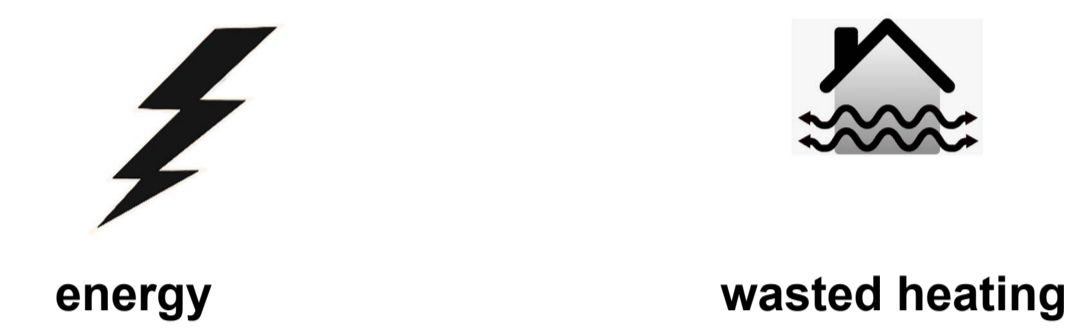


# SpaceTrader

## Trading Waste for Shared Space

Through the lens of energy conservation, we are exploring the use of space at the Mengestrasse 8 housing community. We have found there an imbalance between limited spaces in high demand, such as multi-purpose enclosed garages and playspace for children, and excessive spaces that are underutilized, such as unrented parking spaces and basement storage. With this project, we aim to empower residents to explore the potential of the spaces to which they have access and to develop a more appropriate system of space valuation based on inherent worth and energy requirements. This game will enable residents to trade spaces they do not make use of and create new usages for spaces that they feel is not optimally appropriated. The game encourages cooperation between many members of the community to reach common goals and the value of shared spaces. If successful, the program could lower energy usage in the building and be adapted to other SAGA houses across Wilhelmsburg



### A system to encourage space optimization

#### MANAGE MY RESOURCES

##### + Suggest new use

**TOOLSHARE**

I would like to suggest building a new cold space for a toolshare workshop for everyone interested. Does anybody want to share this with me?

##### - Make space available

**HEATED SPACE**

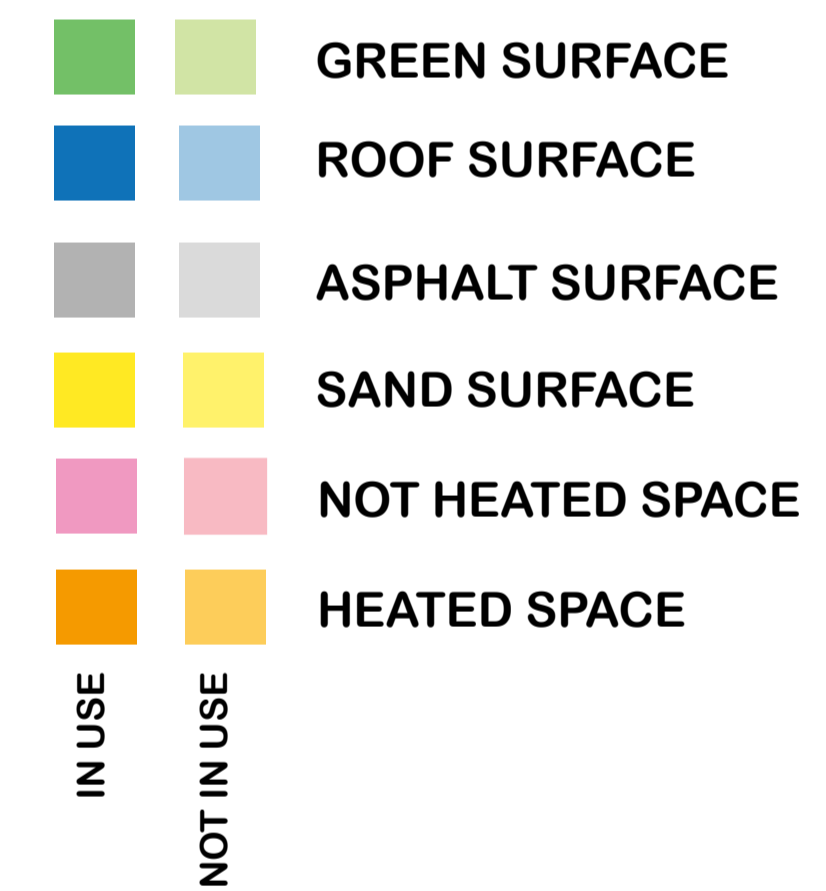
I would like to trade away 2sqm of heated space which I don't need in my storage.

#### MARKET HALL

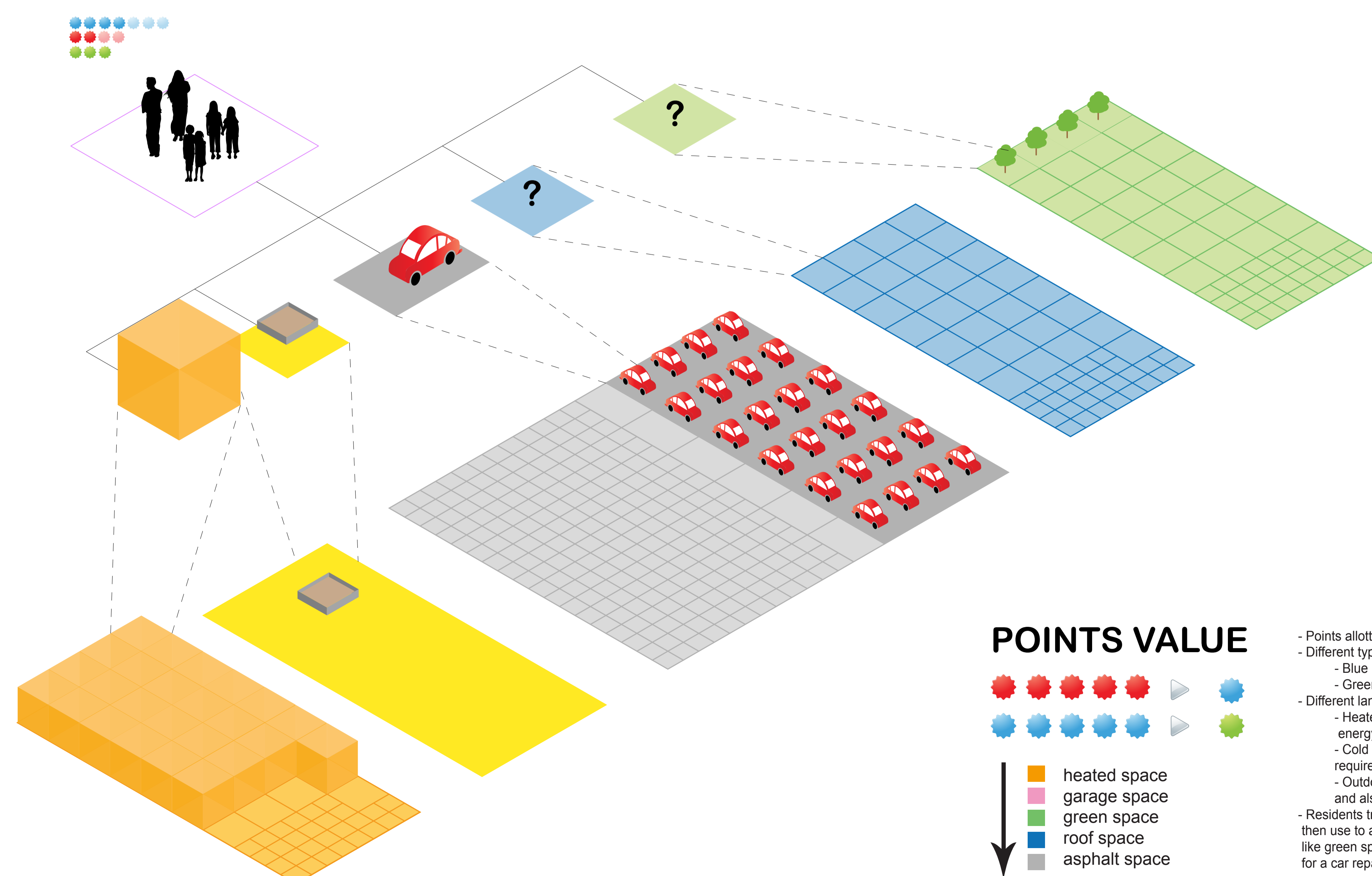
##### Trade

- TOOLSHARE
- FOOTBALL FIELD
- WORKSPACE
- LAUNDRY ROOM

#### ALL SPACES



#### MY SPACES



- Points allotted per flat based on apartment size
- Different types of points:
  - Blue points are worth 5 red points
  - Green points are worth 2 blue points
- Different land types allotted different point values
  - Heated spaces are most valuable because of high energy demand
  - Cold indoor spaces follow due to infrastructure requirements and energy required for light
  - Outdoor asphalt space is the least valuable, and also the most abundant resources.
- Residents trade property for points, which they can then use to access property that will better suit their needs, like green space for a playground or an enclosed garage for a car repair.

