

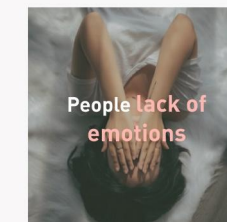
Reestablish the relationships in communities

Resilient cities & Sustainability

The project helps citizens in communities build closer relationships and deepen people's connection between the land and nature.

Background

A Urban vulnerability



B Emotional needs of the habitants

The rapid **spread of the novel coronavirus pneumonia** outbreak that began in 2020 has prompted people to **realize the importance of public space construction**. In the post-pandemic era, people are also beginning to **care about their emotional and spiritual needs**.

C Hypothesis

In this situation, how to **improve the relationship between public space and people?** How can we **give new value to cities, make residents feel a sense of belonging, and increase the connection between residents and the city?** This is still a problem. The community is the most basic unit of the city, and the community is the starting point for studying this problem.

Desk research



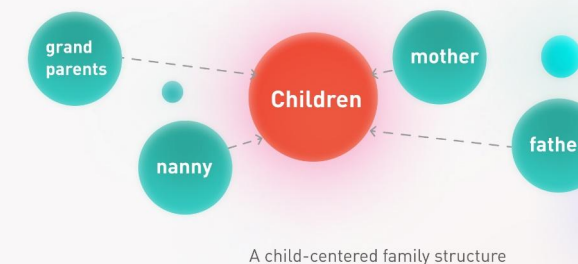
D The current state of community interaction

At present, in third- and fourth-tier cities, the community is mostly **dominated by households**. At the same time, the family structure in China is also changing, forming **a family structure with children as the core**.

The main groups of people interacting in the public space of the community are **the elderly and children**.

- Women's educational attainment has increased
- Increased onboarding rate and salary
- More dual-career families
- Grandparents take care of the children in the family

The reason why there are many elderly people and children in the community



E Classification of the interaction in communities

1 Residents and facilities

The basic public facilities in the community are available for residents of all ages to use, including recreational facilities, fitness equipment, and public seating.

Problem

Low aesthetics: similar shapes and color schemes

2 Residents and plants

There is a lot of vegetation on the side of the road in the community. At the same time, many residents will cultivate fruits, vegetables and flowers in their backyards or on the top floor.

Problem

Lack of cultural characteristics
Lack of planting areas

3 Residents with each other

Interaction between residents is based on mutual communication, which is mainly divided into parent-child interaction, generation interaction, and neighborhood interaction.

Problem

Different parent-child relationship
Lack of young people



Case study

In Western countries ,the basic ideas of community building are based on the **reflections of Modernist Urban Planning and Humanism** .

They all try to explore and practice the **comfort,health, economy and richness** of urban communities, and create a comprehensive community space that meets the higher needs of residents.



Warka Tree

Three main features :

- 1 Human-centered**
Solve the painpoints of inconvenient water use
- 2 Creative behavior**
People can have educational and public meetings in the shade of trees
- 3 Cultural characteristics**
Solve the problem with local wild fig trees

The Warka Project plays an important part of the local culture and ecosystem by **providing fruit and gathering places** for the community.



B Building 49 On Via San Gregorio

Since **garbage sorting was being carried out** in Italy at that time, the local **community residents carried out sustainable public community construction** for the purpose of correct in order to adapt to the policy.

Three main features :

Spontaneous behavior
Community residents with planting experience set up small open-air vegetable gardens spontaneously

Technology
There are a number of sharing services in the community, such as sharing bicycles, sharing lofts,

Sustainability
Extreme "waste sorting and recycling": batteries, electrical and electronic waste, coffee capsules and kitchen waste oil.



C Conclusion

The cases above are based on the **actual needs of local residents**. Foreign projects **coordinate the needs of many stakeholders** such as consumers, governments, and businesses, and **use existing local resources to find optimal solutions**, which is **more inclusive and culturally regional**.

Survey

Survey of residents' needs to build public spaces

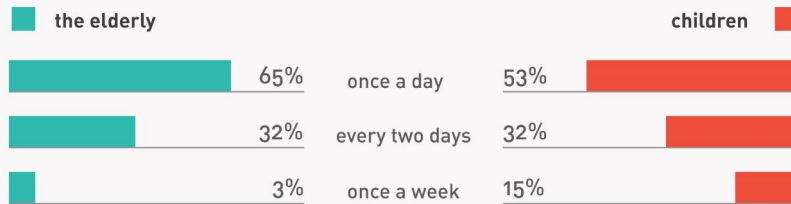
I distribute questionnaires offline in the Furong Community in Changsha, Hunan Province.



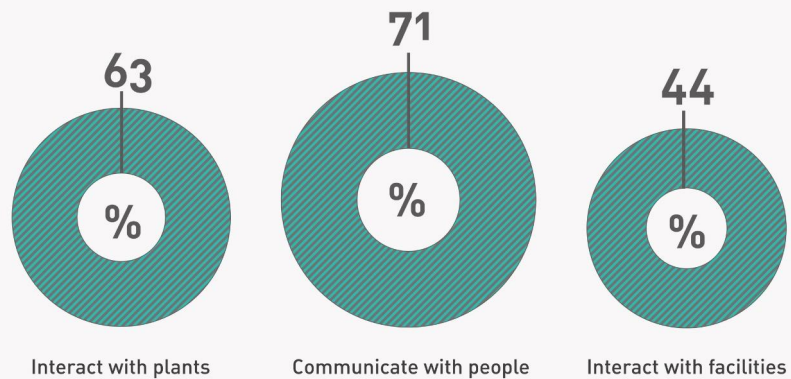
The main groups of people in the public areas of the community are **the elderly and children**.

I distributed **50 questionnaires** respectively **to the groups of the elderly and parents**.

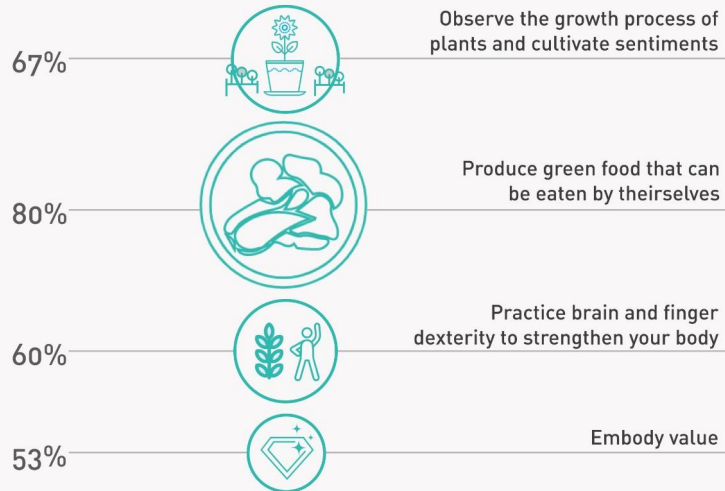
Compared with children, the elderly are likely to attend community activities more frequently.



More than 60% of the elderly **are willing to interact with people and plants** in the public space of the community

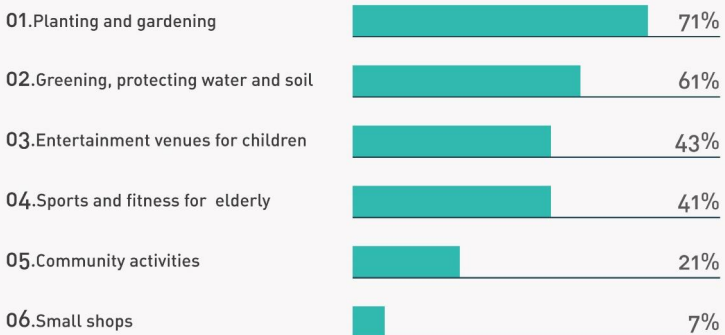


Why do the elderly like planting



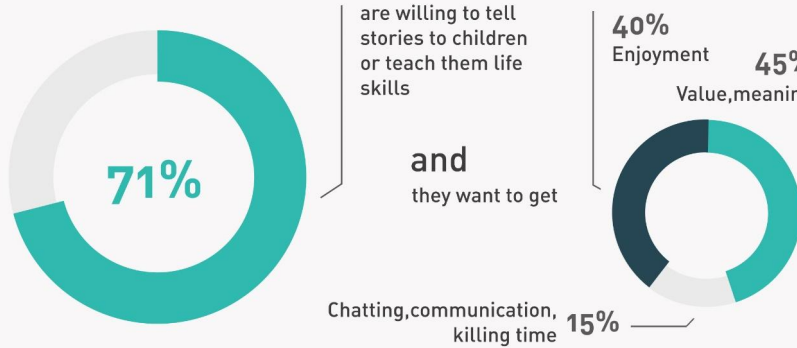
Old people are more **realistic**. They will **pay more attention to the value** that the activity brings to them, **both spiritual and material**.

The elderly's suggestions to improve public spaces



Most elderly people are **interested in interacting with plants**. Their needs are mainly focused on **physical, recreational and spiritual enrichment**.

The elderly are willing to participate in community activities



In public space,parents hope their children



Parents recommend



Conclusion

Residents are both **looking forward to the advantages of plants** in the communities.

Parents want their children to **get comprehensive development** in the community.

The elderly are more concerned about **health and their own value**

Persona&Journey



Teacher Liu

62

Hunan Province



Enthusiastic
Responsible
Considerate
Social
Humorous

Although I am a Chinese teacher,I used to teach students everything,such as Chinese culture ,history and regions.But after retirement, I feel very bored.



Aunt Huang

32

Hunan Province



Busy work
Perfectionism
Focus on education

Although I am often busy, I always take the kids to play in the community spaces.As I hope that my children can learn something that they cannot learn in school and bring us closer together.



Little Micheal

Hunan Province



I like to show my friends something unique

Curiosity
Accomplishment

Young children only do what interests them and need constant rewards and encouragement

1 Old age and low value

He had a meaningful job when he was young



2 Policy restriction

He wants to be a volunteer ,but was rejected because of the age



3 Insufficient land to plant

He can't buy all-natural vegetables



5 Willing to be a teacher

He often preaches with his family but they often get annoyed.



4 Requirements for green organic food

He can't buy all-natural vegetables



1 Know nothing about the varieties of vegetables



5 Cram class is ineffective

Micheal prefers to hang out and play than sit in the classroom and study



2 Do not cherish food

Aunt Huang finds that Micheal always waste food



3 Less exposure to the classroom

Under the double reduction policy, children can only learn less knowledge systematically

4 Limited ancestral education

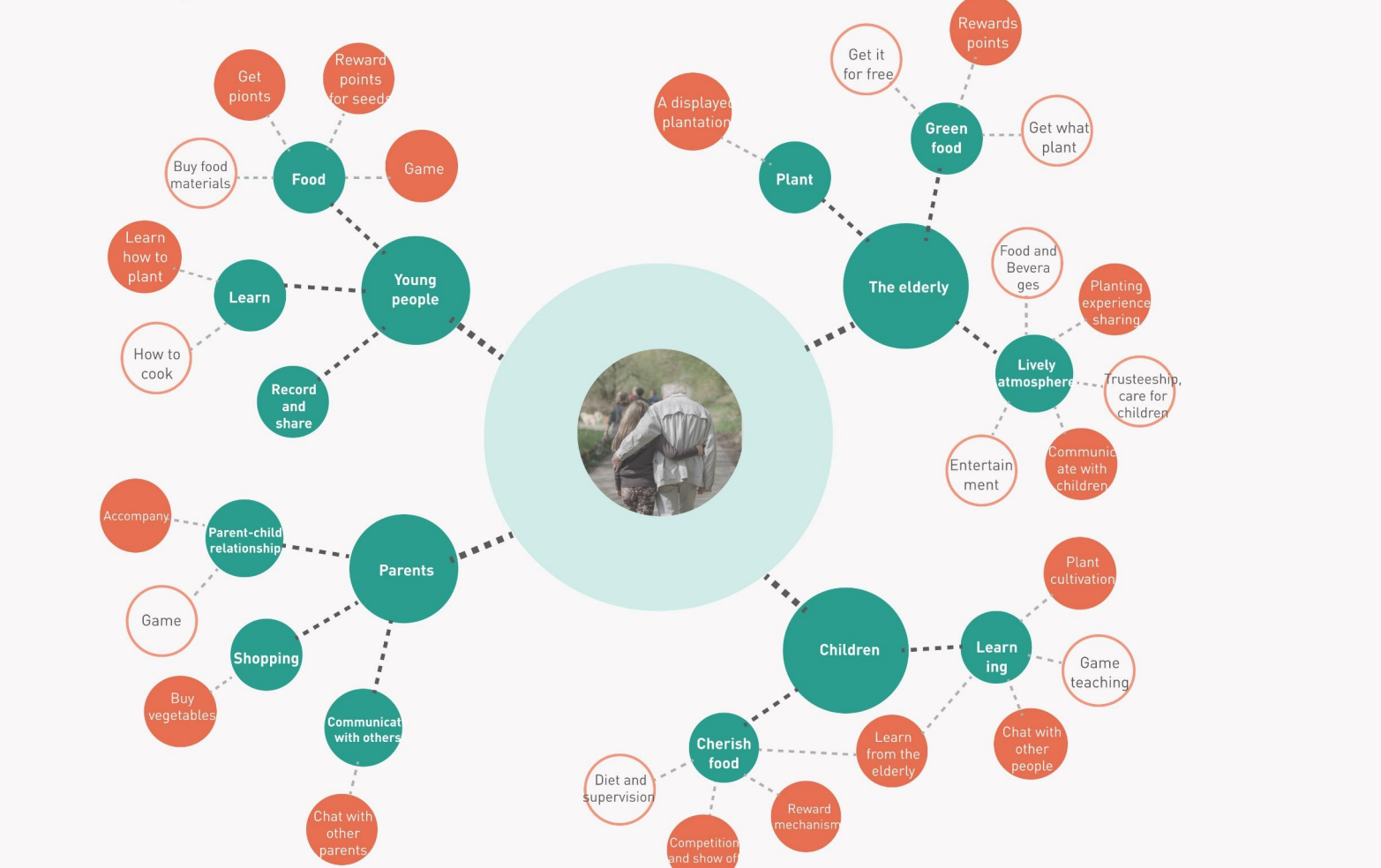
The communication topics between grandparents and children are limited

Insight

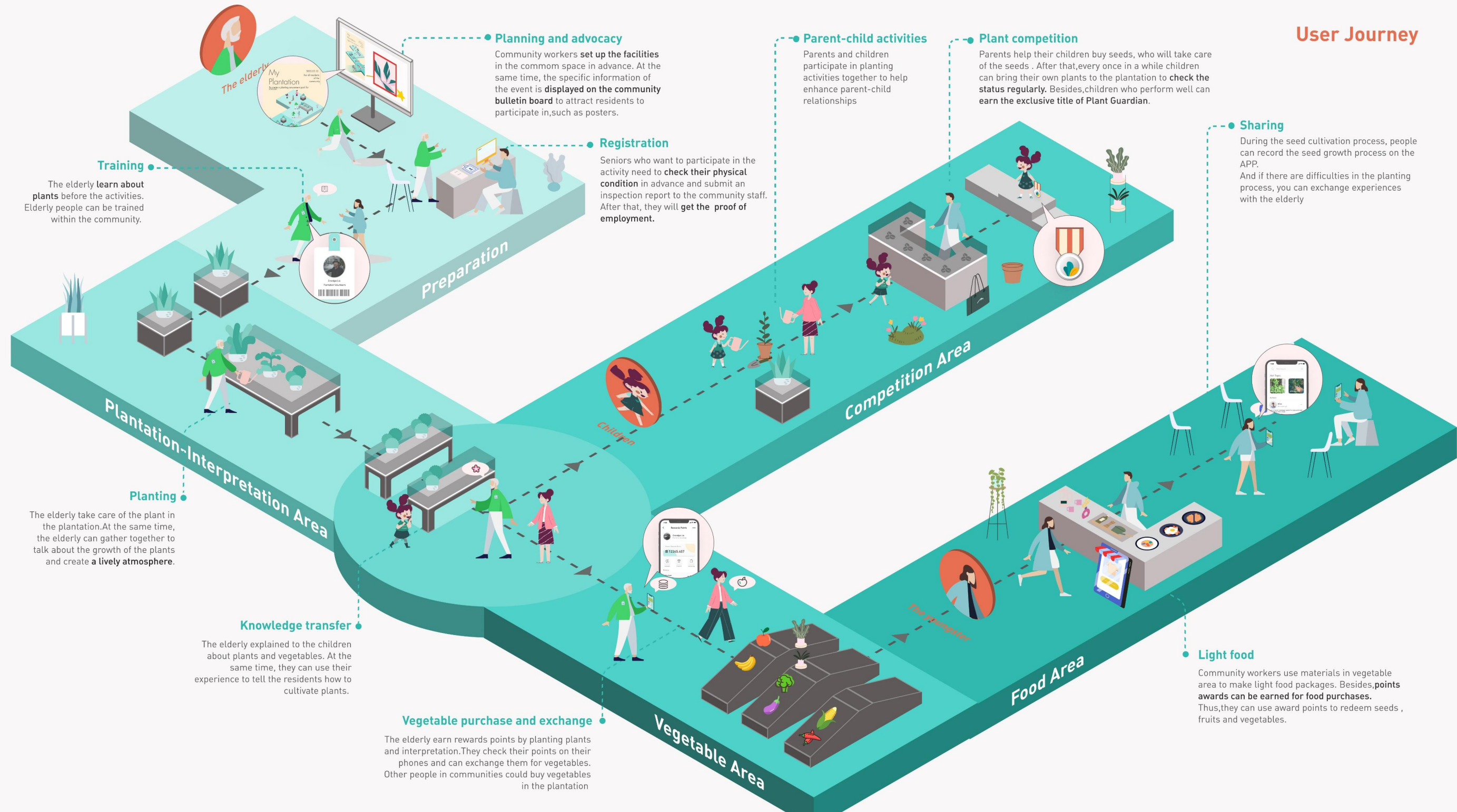


How might we...

Ideation map



User Journey



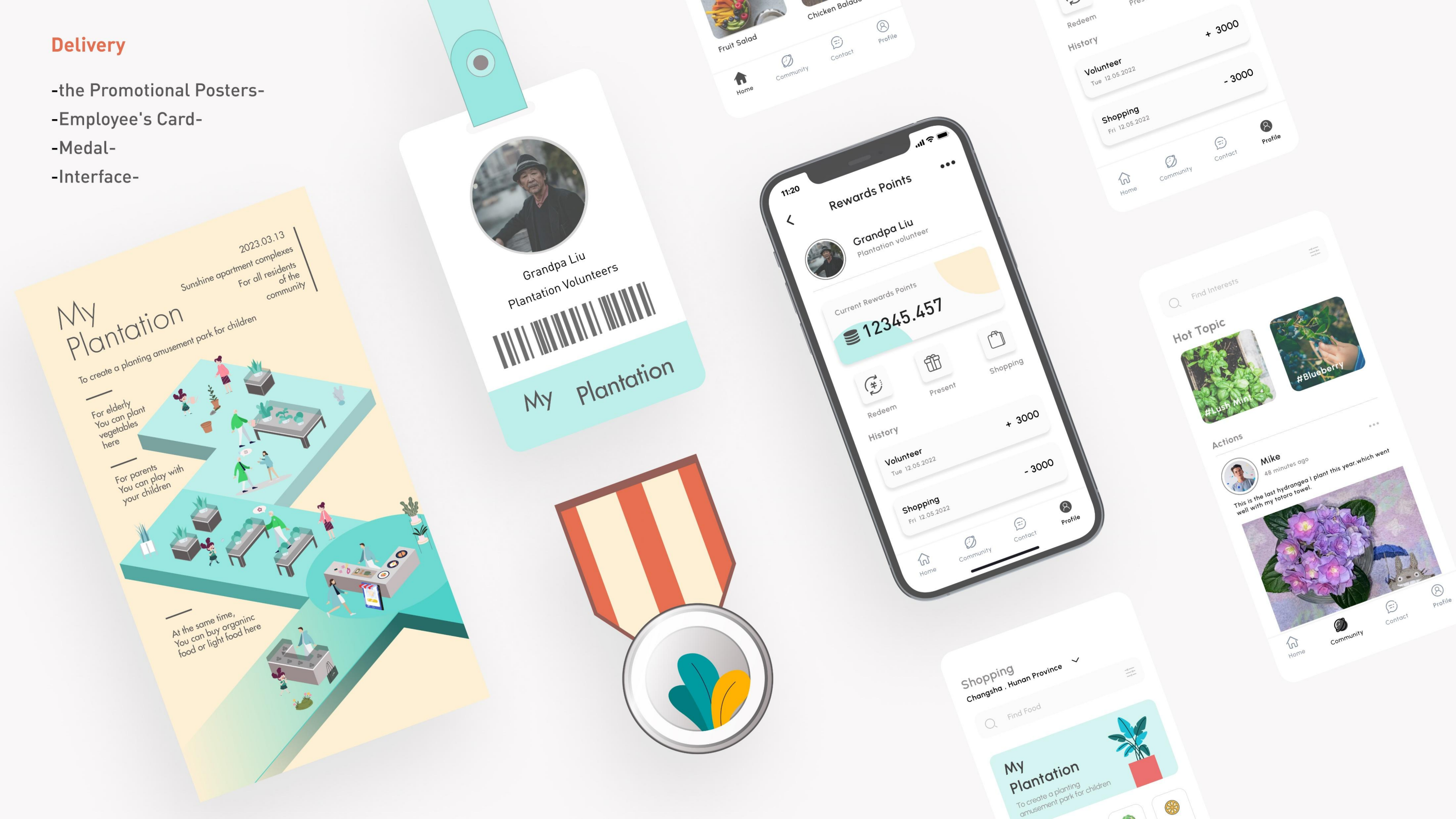
Delivery

-the Promotional Posters-

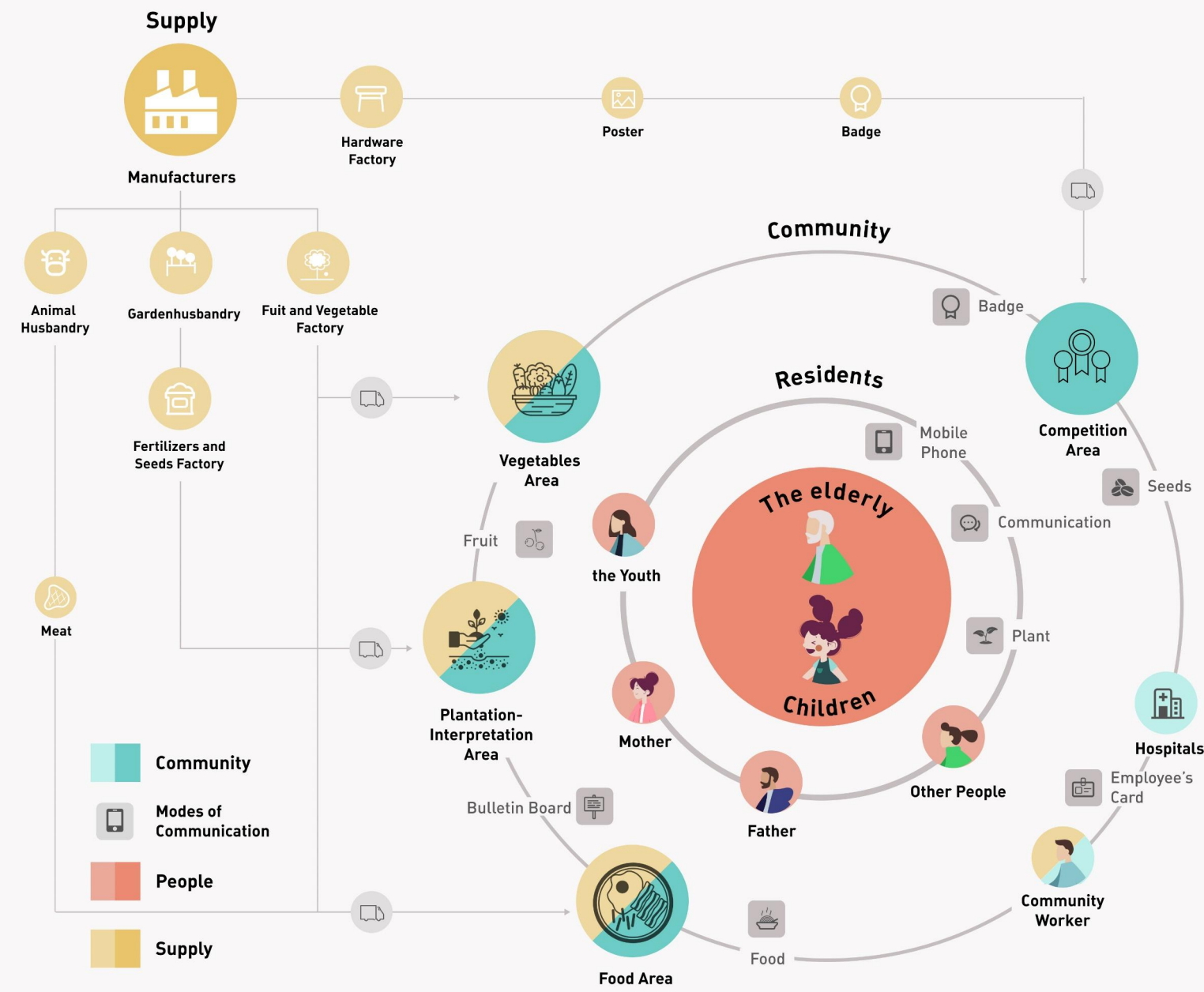
-Employee's Card-

-Medal-

-Interface-



Stakeholders map

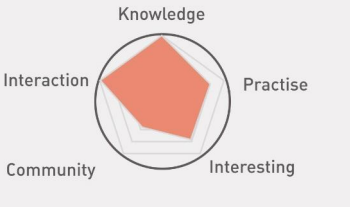


Case Study

A Agriculture Classroom



Parents lead their children to experience society and experience nature

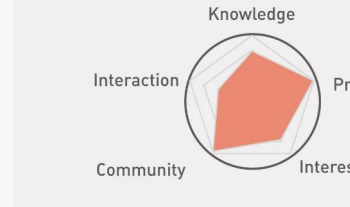


Category	Score (0-5)
Knowledge	4.5
Practise	4.0
Interesting	4.0
Interaction	3.0
Community	2.5

B Mini Farm



Citizens adopt small plots of farmland for planting



Category	Score (0-5)
Knowledge	4.5
Practise	4.0
Interesting	4.0
Interaction	3.0
Community	2.5

C Agricultural Global Village



The project provides visitors with a differentiated and exotic cultural experience.



Category	Score (0-5)
Knowledge	4.5
Practise	4.0
Interesting	4.0
Interaction	3.0
Community	2.5

D Village amusement park



The place is full of the entertainment facilities of the daily life of the previous generation



Category	Score (0-5)
Knowledge	4.5
Practise	4.0
Interesting	4.0
Interaction	3.0
Community	2.5

USPs

- Community **idle land resources** are reutilized, which make the elderly feel valuable
 - Different **group-oriented** activities allow people in the community to **communicate**
 - The **awareness of sustainability** is deeply rooted in the minds of the citizens