PROBLEM: China’s 50+ generation who were affected by one-child policy is now growing old without enough care.

SOLUTION: Senior cohousing: enables friends and families to live a cooperative life together, and take care of each other.

CONCEPT

PROGRAM

APPLICATION IN TWO VILLAGES
Solar radiation varies according to the seasons. It is higher in the summer and lower in the winter. Diffuse radiation represents about half of the global radiation during the day of a year. Over the year only 17% of the radiation is above 600 W/m². During the summer months it can go as high as 400 W/m². The summer months are the most appropriate for installing solar panels to generate energy.

Direct radiation represents 54% of the global radiation of the year, and diffuse radiation represents 46%. This pattern remains constant during the year course.

The fastest and most frequent winds come from the east direction all year long during the day. At night this pattern remains the same.

Wind speeds are between 0 to 12.3 m/s all year long. In June it predominantly comes from the east, southeast and south in similar amounts, and it shifts to south and southeast from September to December.
1. Entry
2. Reception
3. Mail
4. Common kitchen
5. Common dining
6. Cards/Majiang
7. Sitting
8. Children care
9. Mechanical room
10. Retail
11. Salon
12. Therapy
13. Laundry
14. Guest room
15. Plant garden
16. Sports garden
17. Workshop/ craft/ multi-use room
18. Reading
ENERGY CONCEPT

HEATING

PREFABRICATED BATH AND KITCHEN MANUFACTURED IN FACTORIES

DELIVER TO SITE

BRICK RECYCLED FROM THE OLD BUILDING TO BUILD TO THE RADIANT WALL

LOCAL RESIDENTS GET TRAINED, AND CONDUCT THE REST CONSTRUCTION ON SITE

ELDERLIES MOVE IN

ELECTRICITY

PREFABRICATION AND DEVELOPMENT