胡同城
HUTOPOLIS

A generative lab for urban evolution

HUTOPOLIS: City visions
Projects

PUNCTURE

Diego Laguía (University of Valencia)
Tutor: Jose María Lozano.

The mildness of the Hutong is due to the creation of a particular system. The circulation works in a way that creates public spaces that holds it all and allows everything else to happen easily.
This project makes itself not only as an architecture option but also as a reflection of the reality of the hutongs, always flexible, extensible and temporal.

The project is born from the need to create more housing. It provides us with a growth pattern according to the traffic needs. It connects some modern important points (subway entrances and exits, facilities, selling points, etc.). This proposal is an extensible and adaptable model for any similar cases of high density in China.

LIVING IN A PIXEL

Ana Castaño, Gema Álvarez, Luis Gutiérrez, Mario Díez (University of Valladolid)
Tutor: Pedro Luis Gallego.

This Project combines several typologies over a series of platforms at different levels. They generate an artificial pixilated topography. It comprises the speed character of the CBD area, where working life concentrates, with the spirit of a residential area life style.

Always counting with the importance of the surrounding streets, the plan is a reference of the traditional city. It links the contemporary Western shopping areas with the small traditional Asian business districts, in a way that both elements work together for a better urban life.

FRACTAL TO COMPLEXITY

Ana María Robles, Ángel Martín, Enrique Rollón, Eva Otobalea (University of Valladolid)
Tutor: Pedro Luis Gallego.

We propose a mix of typologies, trying to recover the human scale of the city.
The residential block is base in a fractal model. This algorithm organizes the general structure of the plot in which center there is a large green area.

The site is occupied with four popular residential typologies: towers, linear blocks, single blocks and courtyard houses. Each typology adapts in different ways to the general fractal system.
This mathematical formula allows several combinations controlling the density and creating a diverse city made by different unit sizes.

LITTLE STIMULATION

Anni Lei, Li Lin, Michele Galeotto, Yan Han (Tsinghua University)
Tutor: Tu Shan.

The proposal is an intervention in a state-owned residential building in the hutong area of Shichahai. This building was intended to be organized in separate courtyards to form a heterogeneous pattern. Despite it is a 3 floors building, residents have the same way of living as other single-store houses in the hutong areas.

The proposal aims to open the dark and enclosed rooms of the building and develop a better living space. Several "boxes" are placed outside the building combining public spaces and corridors. The vertical "T-stages" are added to connect public function spaces.

GREEN IN BETWEEN

Linda Pinardi Feletti (Politecnico di Milano)
Tutors: Davide Fassi, Agnese Rebaglio, Lucilla Zanolari.

Urban farming refers to the cultivation of various areas within the city, an activity becoming more and more popular. It is a way of creating a symbiotic relation between nature and city life.

The strategy of this proposal is to transform a random set of activities into a structured system. It consists in vertical and horizontal kitchen gardens growing on every available surface such as alleys, walls and roofs. It extends itself inside the Dashilar hutongs. The goal of the project is the connection of urban communities and nature. Improving the quality of life and showing a sustainable way of living.

URBAN INTERIORS

Giulia Cattaruzza (Politecnico di Milano)
Tutors: Davide Fassi, Agnese Rebaglio, Lucilla Zanolari.

One of the critical issues of the contemporary city is the lack of public spaces, centers of social life and relationships.
The project's goal is to reinforce the aspects of urban space related to mobility, flows and interactions. It consists in a soft urbanism intervention that redefines the identity.
This proposal reconnects spaces and logical uses of the surfaces, starting from rethinking roads and creating human scale paths to link the most lived places.
These hotspots, thought as big "living rooms", form squares that allow interactions between the neighbors. The electric wire, a strong visual element of the site, is an inspiration to define shading and separation of elements.

DENSITY VS DENCITY

Davide Giauna, Federica Zunino, Sara Amielli (University of Genoa)
Tutor: Massimiliano Giberti.

Once upon a time there was Flatland, a bi-dimensional universe populated by flattens geometric figures. No one in that world had ever imagined the third dimension, until the day in which a simple square met a strange being: a sphere coming from Spaceland.

This story represents the two different urban textures described as the built and static city. We could consider a real and a virtual one made by all those people that live, work and walk in it, modifying it. Hutongs can be considered as the overlap of different layers placed on, under, over and in between the existing urban grid. The project is based on four strategies improving the land use and distributing of density.
The built environment is therefore shaped by the virtual city. The project aims to develop systems to optimize the use of the space.

NO FENCE

Anna Laura Urbani (Politecnico di Milano)
Tutors: Davide Fassi, Agnese Rebaglio, Lucilla Zanolari.

Urban spaces must be considered as a complex network of relationships constantly evolving. Therefore the link with the digital is essential. Media increase the connections traffic, therefore influencing the conformation of the physical and social environment in which we live.

The revaluation of the district takes inspiration from the creative act of graffiti, artistic or protest expression, but also a sign that intends to communicate a message.
The interventions or layers overlapping to create the system are designed by the intensity of hybridization between technology and graffiti, which changes depending on the recipient of the message.

The first level is informative: virtual maps, which are available in real time through technological means. The second layer consists of a set of information specifying various types of social, economic or cultural activities.

CULTURAL SHARING

Sara Fontana (Politecnico di Milano)
Tutors: Davide Fassi, Agnese Rebaglio, Lucilla Zanolari.

The intervention promotes public sustainability respecting traditions and creating identity. It connects modern and ancient culture in a dialogue between generations.
Three different types of interventions are proposed: S, M and L, depending on the size of the architectural target, the activity proposed and the level of participation.
 'S' types work on the threshold of those spaces where to get knowledge about the history and traditions.
'M' types are small pavilions placed in the empty corners of the street.
 'L' type is located in the yard of a Dashilar factory. The structure is the symbol of Dashilar cultural network.

IDENTITIES IN COMPARISON

Alexandra Kostenchuck, Anastasia Vasilyeva, Artem Kalashyan, Ekaterina Levitskaya, Elena Litovinskaya, Evgenia Novgorodova, Nuriya Gabdulkhakova, Tatyana Manchenko (Strelka Institute)
Tutors: Giannatonio Bongiorno, Eugenia Murialdo, Luis Aguirre Manso, prof. Luisa Collina, prof. Frans Vogelaar, prof. Elizabeth Sikiaridi.

"The present challenge is to structure mechanisms through which a far wider range of concerned parties could participate in the setting of development and management policies".
Starting from this statement we developed projects that cross the field of urban planning, service design and other proposal for a balanced development of the neighborhoods and the city. Asking ourselves:
How to generate an urban evolution?

ECO HUTONG

Veronica Maggini, Eleonora Bertolotto (University of Genoa)
Tutor: Valter Scelsi.

Eco-Hutong is proposing a new approach for the renovation of Beijing's historical housing through a mix of bottom-up actions and sustainable design principles applications. The hutong are characterized by a continuous process of destruction and construction, leaded by the local inhabitants.

These actions are often hazarded and conceived as temporary; the project aims to improve this spontaneous renew process bringing innovative solutions for a self-sufficient, sustainable and integrated management of energy, ma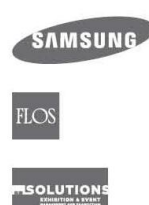tter & information flows to Hutong community.