Synergic Urban Infrastructures Summer School

FINAL PRESENTATION

Concluding the approach and the process

Group 6

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METHODOLOGY
PILOT SITE VISIT

VALENCIA 2023

PILOT SITE 2023

EL GRAU - FORMULA 1

LA MARINA AND THE HARBOUR

NAZARET

MORERAS

LA PUNTA
TASK 2 - SYNERGY METER
TASK 3.1 - COMPETITION RULES
TASK 3.1 - COMPETITION

EL GRAU - FORMULA 1

LA MARINA AND THE HARBOUR

NAZARET

MORERAS

LA PUNTA

TURIA PARK

AESTHETIC AND SPIRITUAL
WATER AND NATURAL CYCLES
CONNECTIVITY
LIVEABILITY
PRODUCTION
RIGHT TO ENERGY
SPEED
ENERGY EFFICIENCY
TEMPERATURE CONTROL
BALANCE
WATER EFFICIENCY
RIGHT TO WATER
COMMUNITY
ACCESSIBILITY
RIGHT TO ENERGY
COMMUNITY
ACCESSIBILITY
WATER EFFICIENCY
TASK 3.1 - COMPETITION PROPOSALS
'BRING BACK SEA BACK TO THE CITY'

Proposal 1

- public spaces
- residential buildings
- green spaces
- water
- bike paths
- train tracks / tramway tracks
- roads
'DOWN THE RIVER WE GO'
Proposal 2

- public spaces
- residential buildings
- green spaces
- water
- bike paths
- train tracks / tramway tracks
- roads
EL GRAU

- Mixed use area
- Moving train line underground
- Priority to park extension
- Connection with the harbour and city centre
- Diverse types of flats for different types of residences
- Cover the lack of public spaces
HARBOUR

- Mixed use activation of the harbour
- Reuse of existing infrastructure
- Opening the city to the sea
- Sea entrance to Valencia

- Status Quo

Tasks:

- Task 1: Site visit
- Task 2: Synergy meter
- Task 3: Competition
- Co-design
- Task 4: Synthesis

- BEFORE
- Proposal 1
- Proposal 2

- Mixed use functioning
- Share of renewable energy
- Travel time to a city centre
- Proportion of reconstructed building and public spaces to the new one
- Percentage of spaces managed by residences together
- Distance to get to marina
- Leisure and productive space
- Percentage of permeable surfaces

Green

Social

Energy

Mobility
• Public sport facilities
• Research/business center
• Improved slow mobility
• Public social facilities (Moreras + Natzaret)
• Green corridor due to removal of trainline

• Hot spots for social activities
• Urban Farming
• Improved green areas
NAZARET

- Improvement and climate adaptation of the buildings
- Use community connection for climate adaptation and designing of the public spaces
- Adaptation of the space for aged generation, women, children
- Subsidies for low-income households
- Encourage local entrepreneurship, minority owned businesses, art community
- Connection of the area with El Grau district and city centre by public transport
- Green connections
TURIA GREEN CORRIDOR

- Connecting the Turia canal to the sea
- Redirecting Harbor traffic underground
- Extending green to Natzaret and El Grau

- Connecting main river beds with green corridor
- Extending harbor to the sea or north of City
- Creating internal Green Corridors
- Low density housing
- Self-sustainable community
- Connecting Natzaret with La punta
- Reactivating social services around the church

- Activating Orchars through community gardens
- Education, culture, entertainment related to agriculture
- Improving bike & pedestrian connections
EVALUATING PROPOSALS: GENERAL SYNERGY METER

BEFORE

PROPOSAL 1

PROPOSAL 2
CO-DESIGN WITH LOCAL STAKEHOLDERS
CO-DESIGN WITH LOCAL STAKEHOLDERS

- WALKABILITY
- SOCIAL SERVICES
- CRUISE ENTRANCE
- COMMERCIAL MONOPOLY
- ADEQUATE SOCIAL SERVICES
- ECONOMIC ACTIVATION
- BROWN FIELDS
- CHURCH
- ENERGY EDUCATION
- COMMERCE DEMAND
- SPATIAL JUSTICE
- FLOODING
- LOST BEACH
- MISSUSED
- WALKABILITY
- SOCIAL SERVICES
- CRUISE ENTRANCE
- COMMERCIAL MONOPOLY
- ADEQUATE SOCIAL SERVICES
- ECONOMIC ACTIVATION
- BROWN FIELDS
- CHURCH
- ENERGY EDUCATION
- COMMERCE DEMAND
- SPATIAL JUSTICE
- FLOODING
- LOST BEACH
- MISSUSED
NARROWING DOWN THE GOALS

- Climate Adaptation
- Connections
- Social Justice
- Quality Public Spaces
- Economic development
SYNTHESIS
SYNTHESIS
Public facilities

Commercial facilities on the ground floor

Middle-high buildings

Low buildings

Public orchards and gardens

Mixed use

Flats for diverse family types

Priority for shared spaces

Production of energy

Mixed use

Flats for diverse family types

Priority for shared spaces

Low buildings
ENERGY

Providing information about building climate adaptation
Climate shelters
Adaptation of the streets for high temperatures
Encouraging energy communities
Using industries for energy production

Subsidies for building reconstruction
Pocket gardens
SOCIAL

- Share public service to all the communities
- Educational and cultural events related to agriculture
- Introduction of agricultural area
- Co-workings, creative communities, startups
- Support of local restaurants, services related to agriculture, local agro-tourism
- Bike and pedestrian connectivity
- Use vacant spaces on the ground floor close to existing active areas
- Climate adaptation of public spaces
- Share public service to all the communities
- Encourage local enterprises and minority owned businesses
- Tactical urbanism
- Educational and cultural events related to agriculture
- Support of local restaurants, services related to agriculture, local agro-tourism
- Bike and pedestrian connectivity
- Encourage the use of public spaces by residents of Natzaret
- Encourage the use of public spaces by residents of El Grau
THANK YOU ALL!