Den-City
Urban regeneration through densification, Córdoba, Argentina

Main authors
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Project data
Project group: Landscape, urban design and infrastructure
Client: Barrio Güemes, Córdoba
Project background: Research project
Planned start: July 2013

Summary and appraisal by the jury
The low density and lack of public spaces are two major factors that are detrimental to the urban quality of Córdoba, Argentina. Central analysis of the Güemes neighborhood identified the need to suggest a series of measures to improve current conditions. Adaptable and multiple buildings for flexible use are proposed, including a range of provisions to reduce the environmental impact of the project: green roofs, seawater collection, grey water for irrigation, solar energy production, and the use of recycled materials for construction. The initiative is conceived as a public-private partnership creating answers to heal and improve the neighborhood.

Sustainability concept
Addressing sustainability at the urban scale – Proficiency. Density is an essential factor for sustainable development of cities. Likewise, the importance of public green space is recognized; therefore the design proposed is re-urbanization as a mix of housing and public spaces as an indivisible entity. People’s starting point is consideration of the public space as an indicator of urban quality. The project asserts that cities with more public spaces are more just and equitable. Therefore, porous fabrics that allow an open plot within the city and create community spaces are generated. A log of urban interstices is proposed, that take advantage of the empty and generate spaces of encounter and expansion. Planet: Sustainable city planning involves an intervention that preserves environmental quality, to reduce energy consumption through efficient design. As a consequence, the need to incorporate in the sector “party wall equipment” (infrastructural facilities) which complement the function of this strategy is proposed. Prosperity: The bed way to build the city to public private. The public-private management can combine logical and legitimate economic return for investment groups, and social and environmental benefits required by local government. Progress: Latin American cities face challenges and similar problems. The need of consolidation and densification of neighborhoods and sectors that are partially occupied is proposed. A friendly and ethical urbanism where public green spaces function as a contribution to identity and social integration is designed.

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