



Santiago / Chile  
Universidad Central de Chile / Landscape Architecture School  
2017  
Riverfront Park Río Biobío, Concepción, Chile  
Tomás González Lihn





# PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

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SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC  
ETSAB- Escola Tècnica Superior  
d'Arquitectura de Barcelona  
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## TECHNICAL DOSSIER

Title of the project Riverfront park Río Biobío, Concepción, Chile  
Authors Tomás González Lihn  
Title of the course Graduation project  
Academic year 2017  
Teaching Staff Cristián Frías  
Department/Section/Program of belonging Landscape Architecture School  
University/School Universidad Central de Chile

Written statement, short description of the project in English, no more than 250 words

The project consists of the creation of a riverside park along a stretch of 2.6 k on the banks of the Biobío River in the city of Concepción. This sector is taken as a project site, due to the various factors over time that have generated a situation of isolation of the city in general, as a green area and space for public use, in addition to the stigma of danger and low interest on the part of the citizens. The aim is to recover the Biobío River as a fundamental part of the history and identity of Concepción, since at the moment it is not given the value nor does it possess the necessary infrastructure conditions or access for its recognition. It is proposed the use of the riverbank for public use providing it with a program of use, greatly increasing the accesses with the purpose of overcoming the situation of current isolation product of the Nueva Costanera highway that borders the project area. Finally, the ecological rehabilitation of the riverbank is proposed, promoting a process of naturalization of its edges and improving the habitat conditions for flora and fauna.

For further information

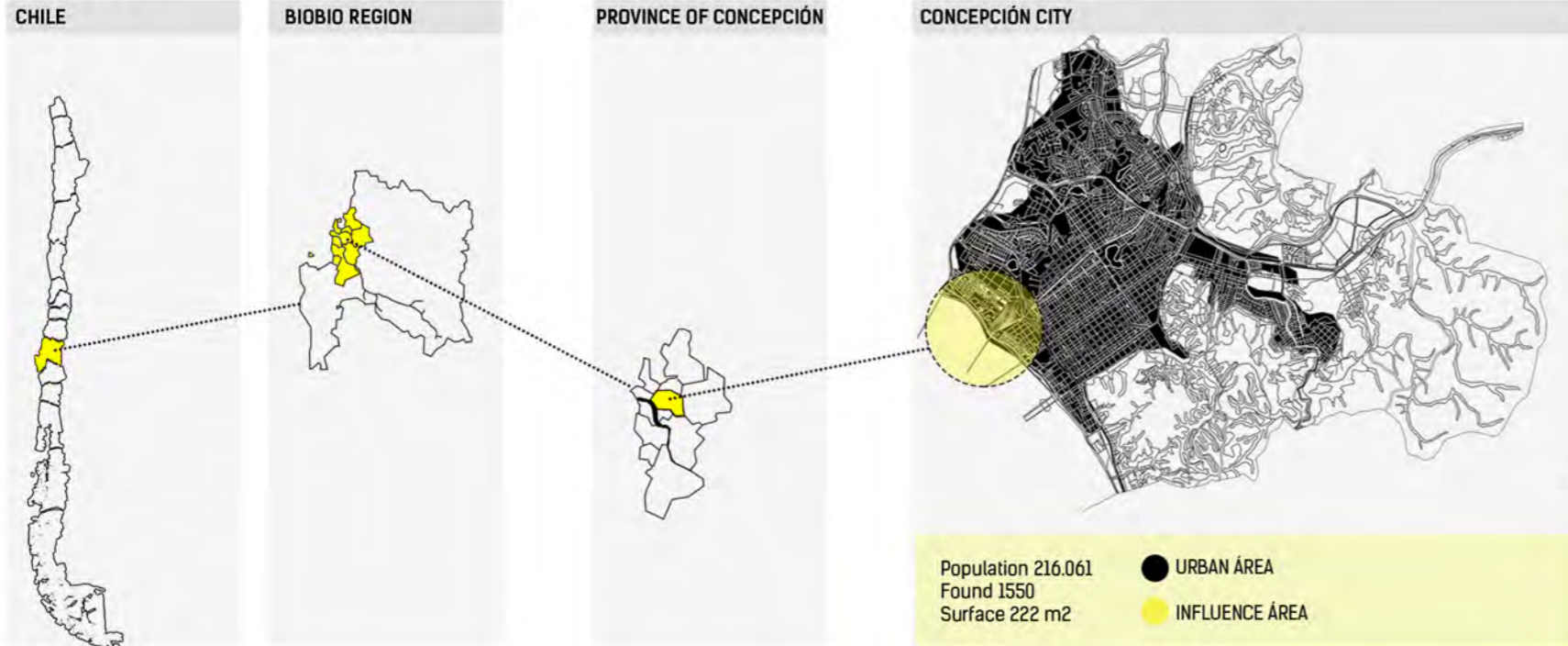
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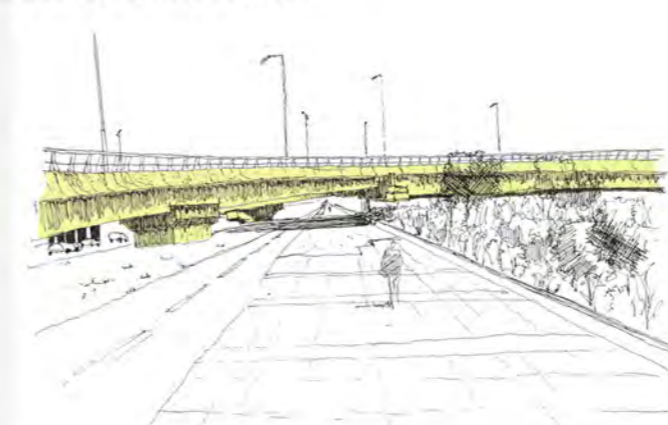
Contact via email at: [biennial.paisatge@upc.edu](mailto:biennial.paisatge@upc.edu)

Consult the web page <http://landscape.coac.net/>

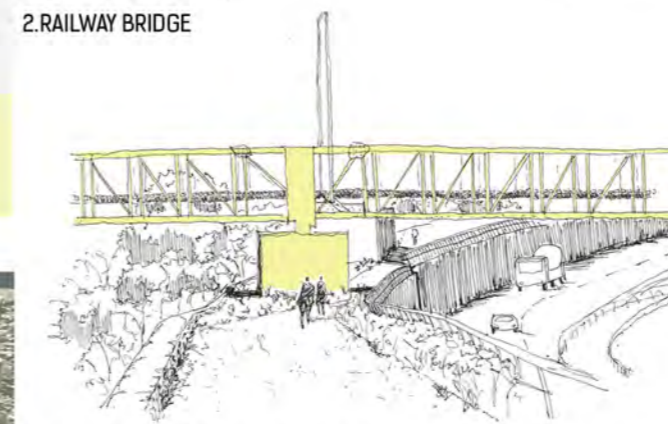
## LOCATION



1. VEHICULAR BRIDGE LLACOLÉN



2. RAILWAY BRIDGE

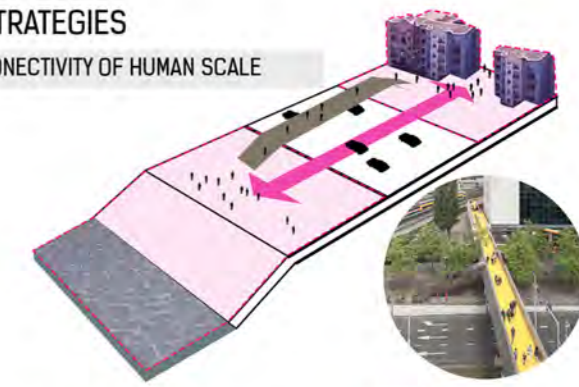


3. VEHICULAR BRIDGE JUAN PABLO II



## STRATEGIES

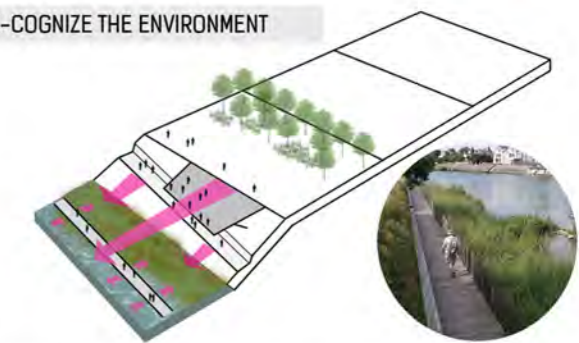
CONNECTIVITY OF HUMAN SCALE



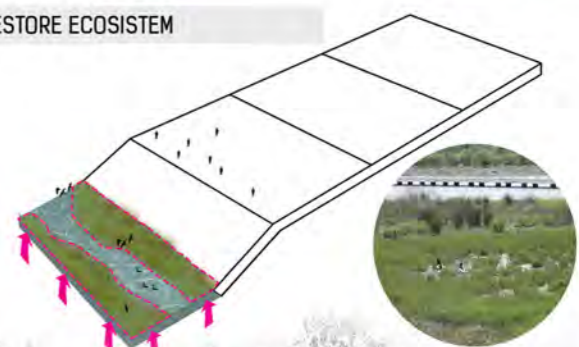
RENEW SOCIAL OPPORTUNITIES



RE-COGNIZE THE ENVIRONMENT



RESTORE ECOSYSTEM



## CONTEXT



## CURRENT SITUATION



## RIVERFRONT PARK BIOBIO RIVER, CONCEPCIÓN, CHILE

Despite the efforts carried out by the authorities and planners, over hundreds of years, to link the city of Concepción with the Biobío River, many factors have hindered the objective of allowing citizens to take advantage of and they are directly related to their hydrological heritage possessing a landscape richness worthy of being the face and image of the city.

At present, urban development and new metropolitan-scale infrastructures have generated a new condition for the northern riverside sector; new connectivity possibilities that grant great projections to the surrounding area, within the metropolitan magnitude of the Great Concepción, but which in turn introduce new urban externalities that hinder development on a human scale.

In this way, the same road infrastructure is the one that has been a problem for the achievement of the urbanistic objectives of incorporating, by means of public spaces, the edge of the river. It has become evident that the construction of isolated green areas is not enough, that even if they fulfill the objective of occupation of the edge, it does not take charge of the enhancement of the protagonist environment that is the river. Poor connectivity and poor design have resulted in the abandonment of the sector and deterioration of the infrastructure and its equipment, transforming the sector into an area laden with stigmas of danger and used to a small extent.



MASTER PLAN



SECCION



VEGETATION PARK



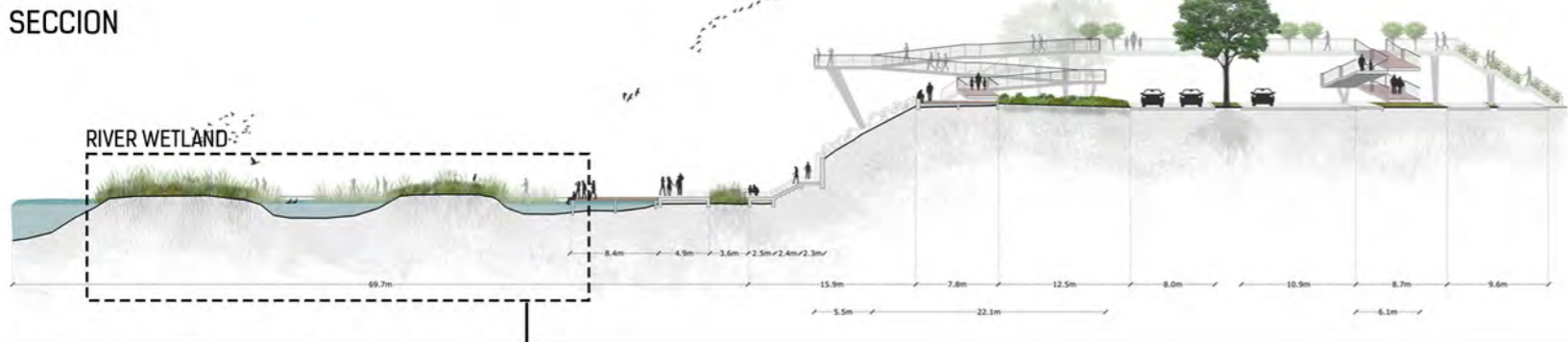
SUCCESSIONS DEVELOPMENT STAGES



ASOCIATED BIRDS



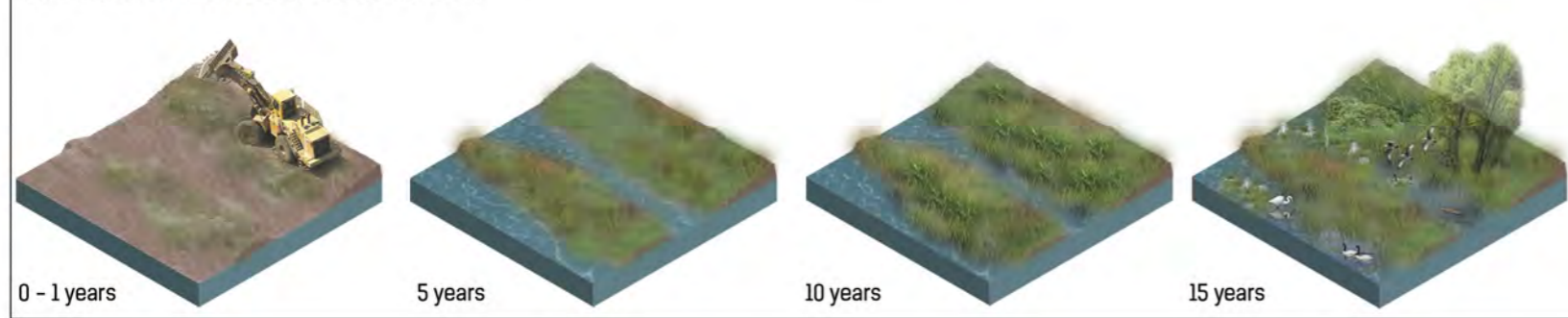
SECCION



RIVER WETLAND VETETATION



SUCCESSIONS DEVELOPMENT STAGES



WETLAND LOCAL AVIFAUNA



DECK EXPLANATION



RIVER'S WETLAND WALK



PEDESTRIAN CONNECTIVITY BRIDGE



LOOKOUT PLAZA

