

GREEN INFRAESTRUCTURE

of Lancha del Genil



Country / City Spain / Granada

University / School University of Granada / E.T.S. de Arquitectura

Academic year 2022/2023

Title of the project Green Infraestructura of "Lancha del Genil"

Authors Pablo Conejo Mancebo, Lucas Boon Meama, Jose Antonio Gómez Rico, Francisco Muñoz Colmenero

TECHNICAL DOSSIER

Title of the project	Green Infraestructura of "Lancha del Genil"
Authors	Pablo Conejo Mancebo, Lucas Boon Meama, Jose Antonio Gómez Rico, Francisco Muñoz Colmenero
Title of the course	The project of ecosistemic's Granada: periphery, cohesion and resilience around city of Granada
Academic year	2022/2023
Teaching Staff	Belén Bravo Rodríguez (Coord.) – Juan Luis Rivas Navarro
Department / Section / Program of belonging	Department of Urban and Regional Planning Undergraduate Degree in Architecture / Urbanism 4
University / School	University of Granada / E.T.S. de Arquitectura



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

Green infrastructure in Granada seeks to promote connectivity between green areas of the city, both the existing ones and the new ones that are intended to be created. The idea is to establish ecological corridors that allow the movement of fauna and flora, as well as people, facilitating mobility and interaction with nature. The creation of linear parks is proposed taking the Genil River and its tributaries as the main axis, which act as true green networks in the city. These linear parks would be connected to each other, as well as to other green areas and natural spaces in Granada. The revegetation and rehabilitation of degraded urban spaces is contemplated, such as vacant lots or abandoned areas, transforming them into green areas that improve the quality of life of the inhabitants and contribute to environmental sustainability. This infrastructure carries numerous environmental benefits: It contributes to the conservation and protection of biodiversity, by providing spaces suitable for the local flora and fauna, as well as for migratory species. In addition, the presence of green areas and natural spaces in the city helps to improve air quality, functioning as carbon sinks by absorbing and filtering pollutants as well as to regulate the urban temperature, mitigating the effects of climate change and reducing the urban heat island effect. Green infrastructure plays an important role in water management, by acting as natural drainage systems, and reducing the risk of flooding. The green spaces allow the infiltration of rainwater into the soil, recharging the aquifers and avoiding surface runoff.

For further information

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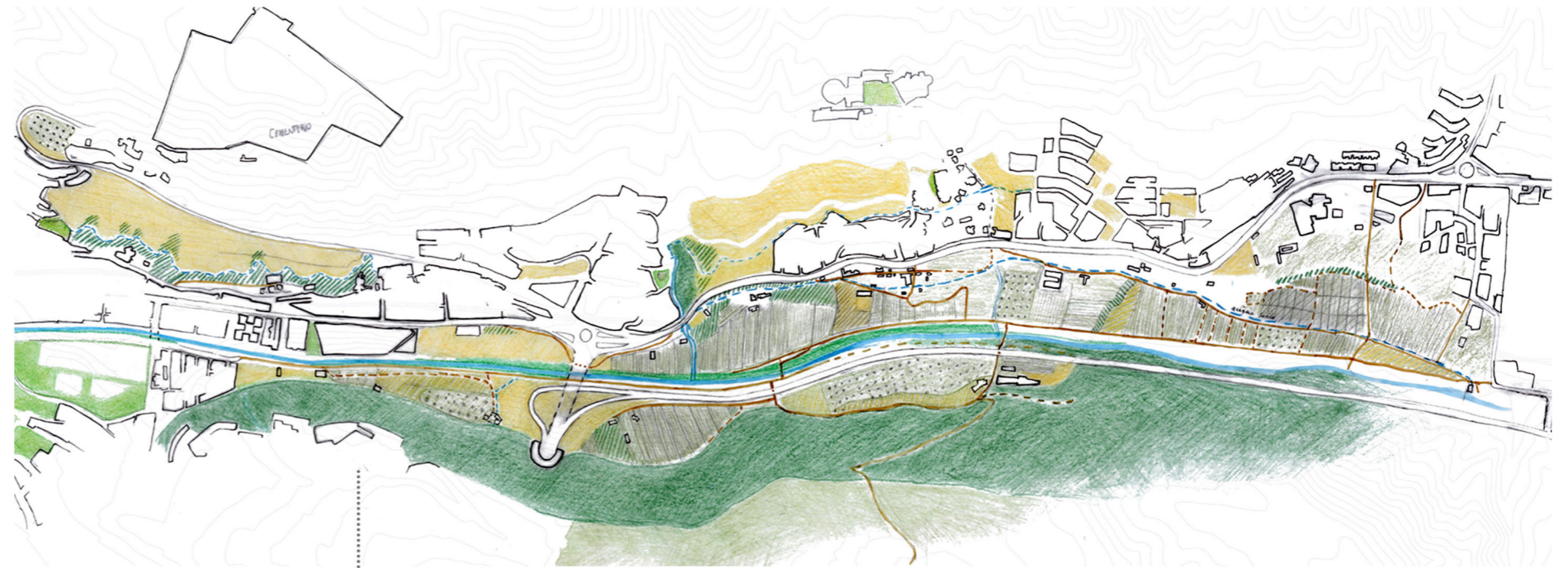
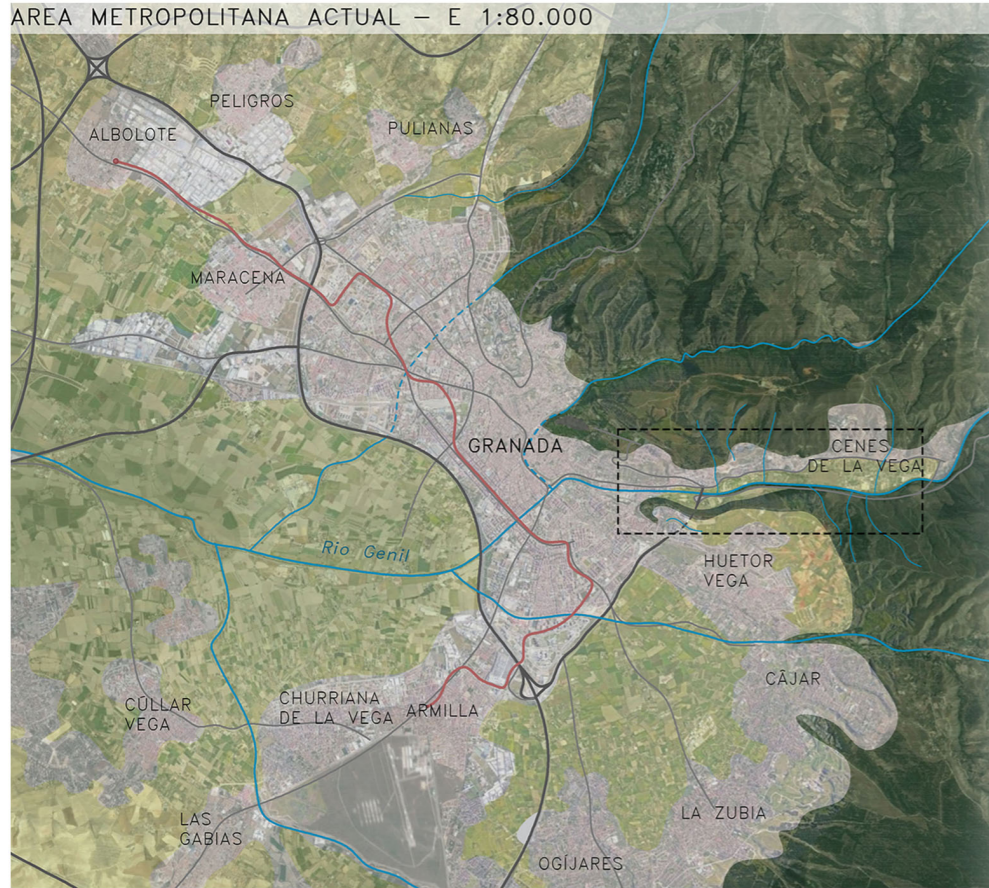
Carrer Arcs, 1-3
08002 Barcelona - Spain

12th International Biennial Landscape Barcelona

Barcelona November 2023

SCHOOL PRIZE

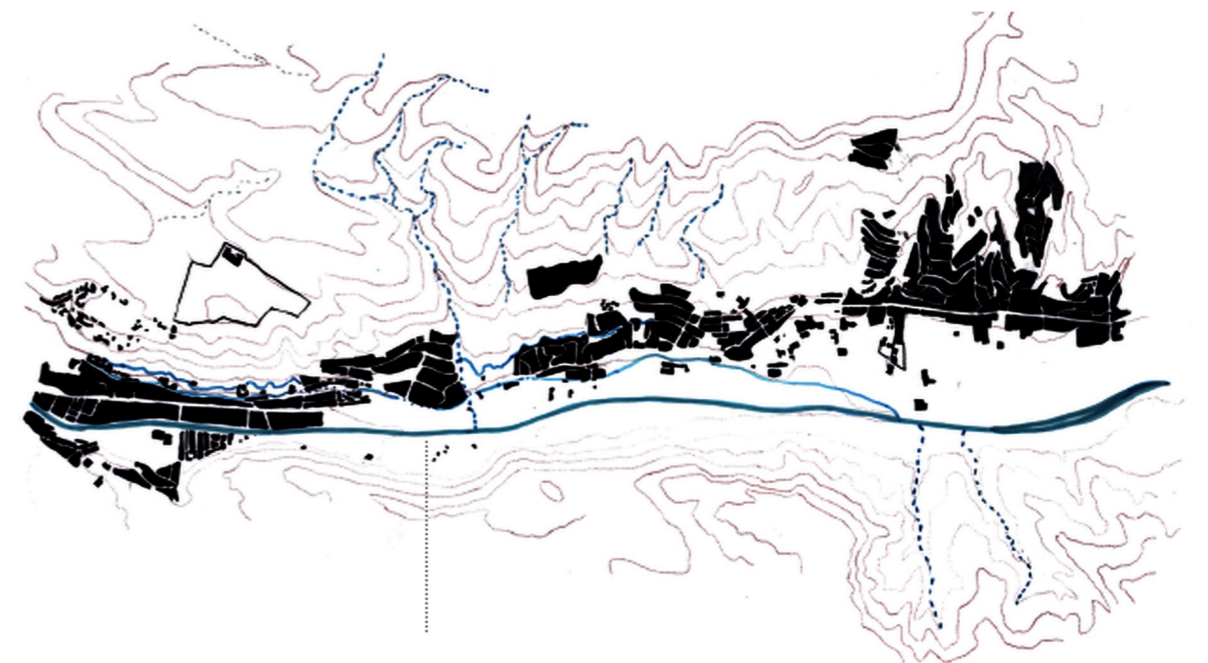
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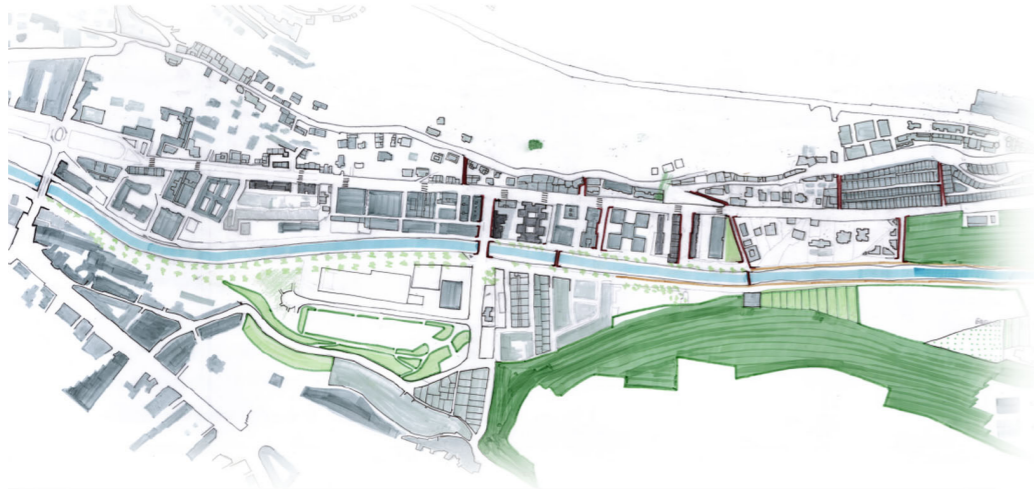
TERRITORIO-CIUDAD CONSTRUIDA RÍO GENIL

INFRAESTRUCTURA VEGETAL DE LA VEGA DEL GENIL

- descampados y vacíos
- cultivos en abandono
- Vegetación de borde
- Bosque consolidado
- Parque
- Cultivos en activo:
- Agricultura intensiva
- Frutales
- Huertos comunitarios



LA LLEGADA DE LA NATURALEZA A LA CIUDAD

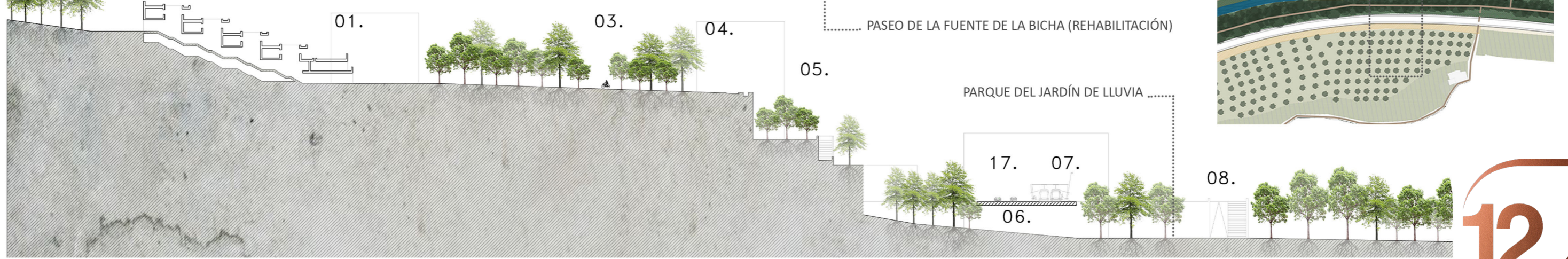
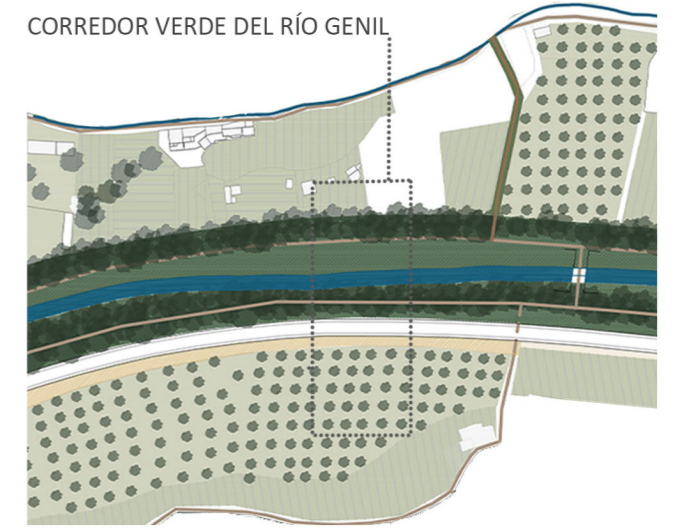
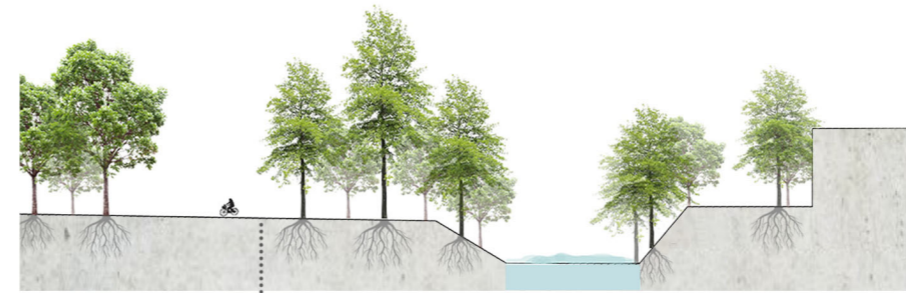
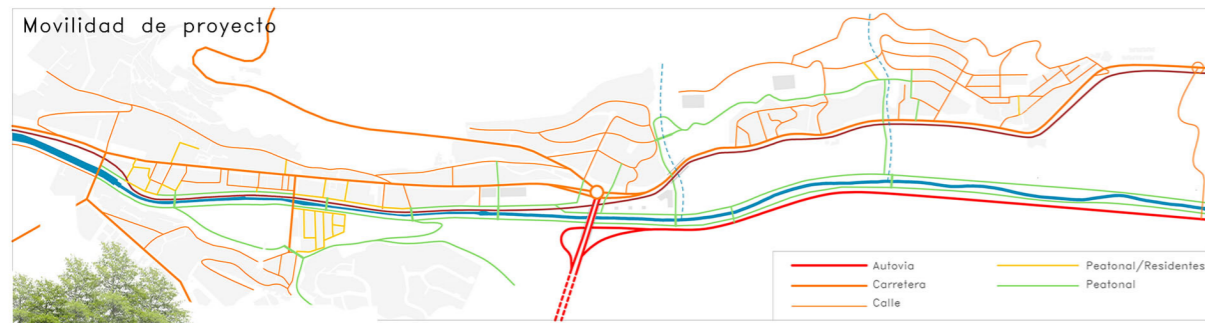
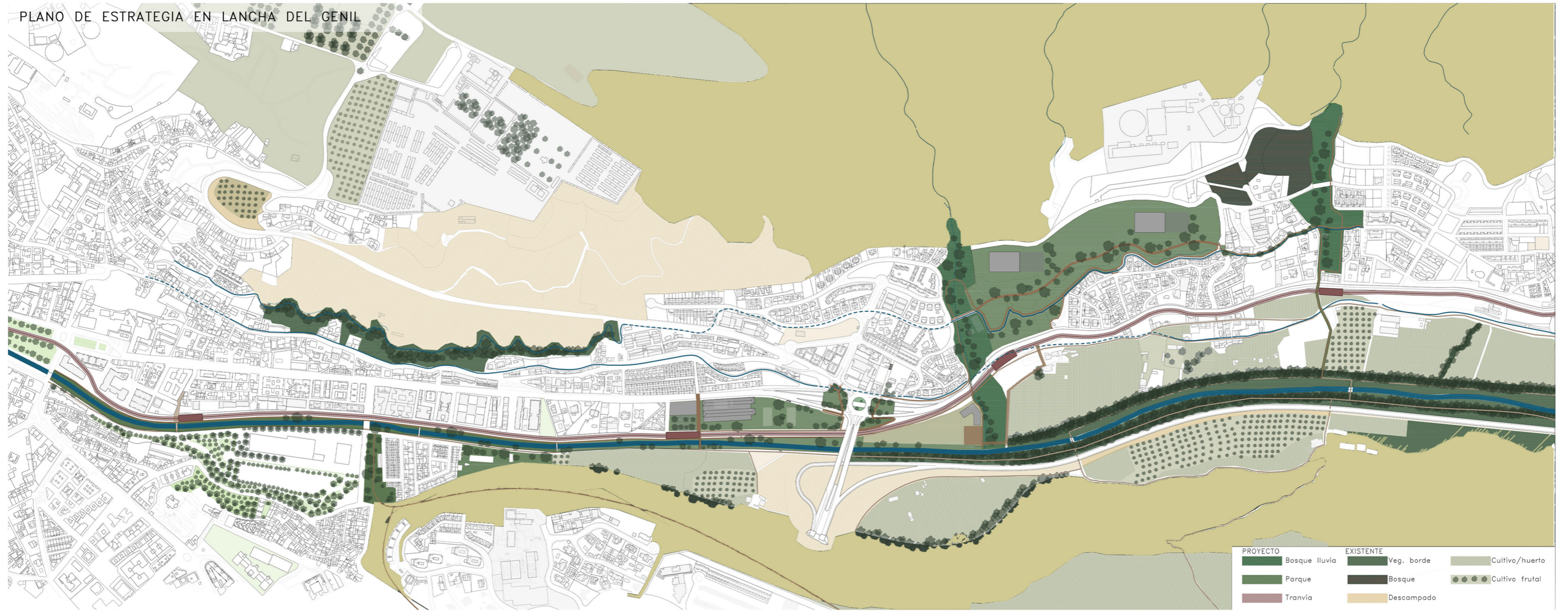


CONTEXTO VEGETAL



BARRANCO

PLANO DE ESTRATEGIA EN LANCHA DEL GENIL





HUERTOS COLECTIVOS



REHABILITACIÓN DEL SENDERO DEL PASEO DE LA FUENTE DE LA BICHA



NUEVA LÍNEA DE TRANVÍA. CONEXIÓN ECOLÓGICA CON EL CENTRO

- ELEMENTOS DE LA PROPUESTA
- 01. Equipamiento cultural
 - 02. Aparcamiento público
 - 03. Parque del corredor verde
 - 04. Mirador de la acequia del Cadí
 - 05. Parque existente (rehabilitación)
 - 06. Jardín de lluvia
 - 07. Parada de tranvía
 - 08. Parque del jardín de lluvia
 - 09. Huertos colectivos
 - 10. Aula medioambiental y gestión de huertos
 - 11. Aparcamiento de huerto colectivo
 - 12. Paseo de la fuente de la bicha (rehabilitación)
 - 13. Pabellón
 - 14. Pasarela del tocino
 - 15. Nuevo parque del tocino
 - 16. Parque sobre Carretera de la Sierra