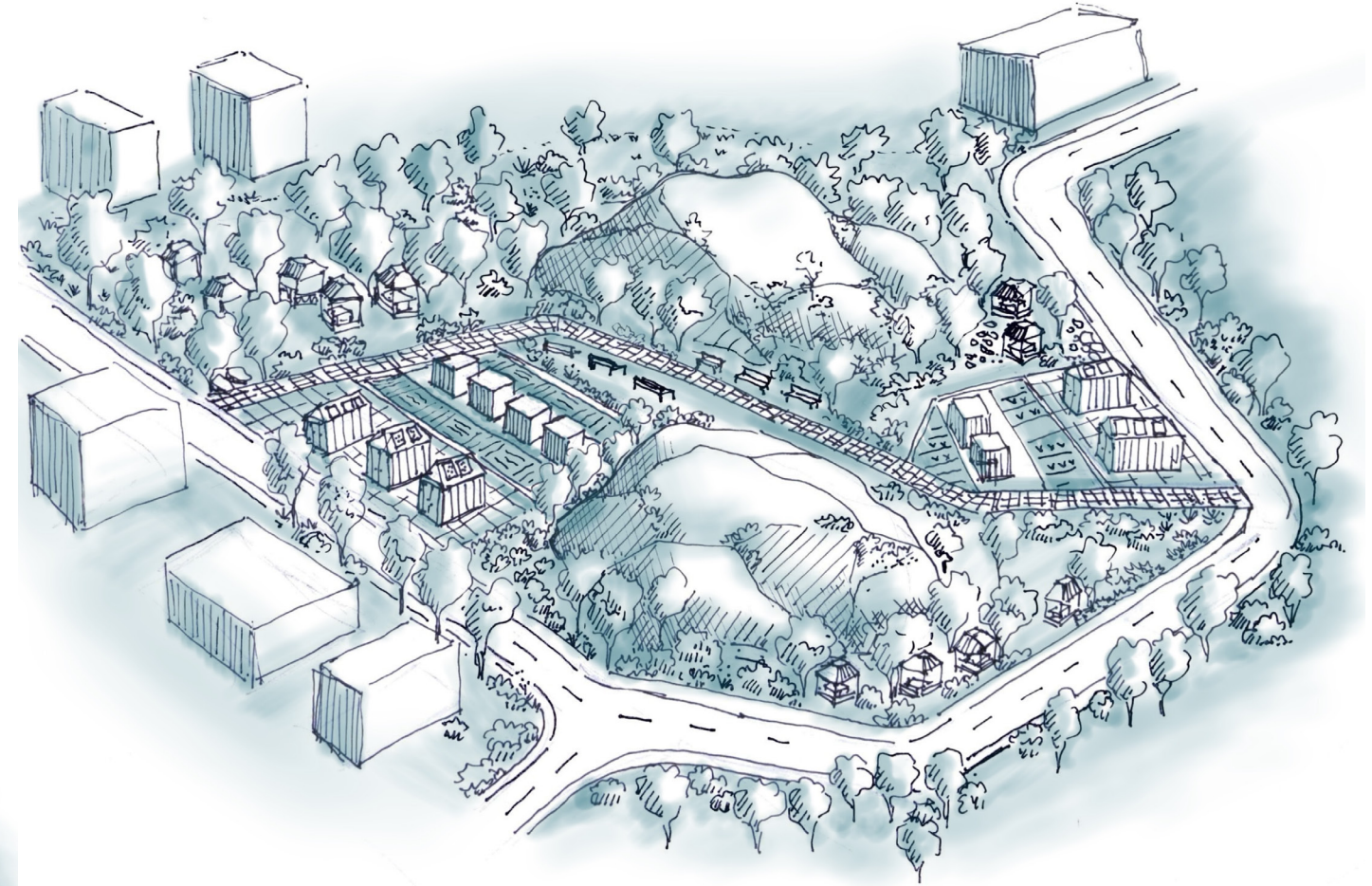
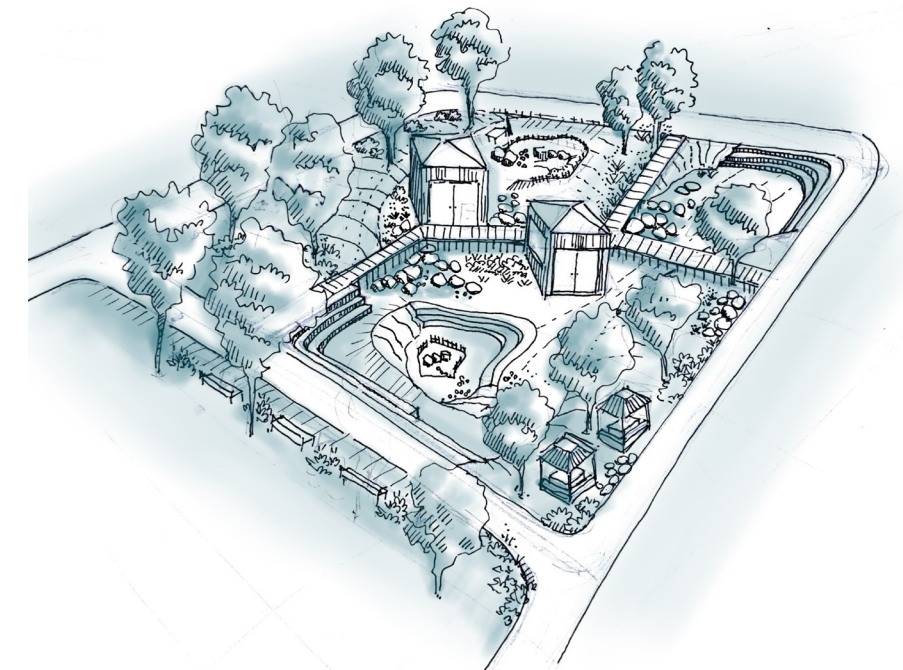


Echo Loop – Bodrum reimagines the urban–rural edge as a regenerative landscape system shaped by memory, movement, and materiality. By layering ecological restoration with historical continuity, the design forms a resilient ground where cultural heritage and contemporary use intersect across time.



Six thematic loops—social, ecological, productive, educational, heritage, and energy—activate the site with adaptive terraces, interactive learning zones, and context-aware materials. Each station invites users to engage with the land through collective, sustainable, and site-specific experiences.



ECHO LOOP - BODRUM

Country/City	Türkiye / Istanbul
University / School	Istanbul Thecnical University
Academic year	2024-2025 Spring
Title of the project	Echo Loop Bodrum
Authors	Hüsna Nazlıgül

TECHNICAL DOSSIER

Title of the project	Echo Loop Bodrum
Authors	Hüsna Nazlıgül
Title of the course	Graduation Project
Academic year	2024-2025 Spring Semester
Teaching Staff	Gülşen Aytac - Elif Kutay Karacor - Basak Akarsu Akdemir - Lal Dalay
Department / Section / Program of belonging	Landscape Architecture
University / School	Istanbul Thecnical University



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

The Echo Loop – Bodrum project proposes a multi-layered landscape system located at the urban-rural threshold, where challenging topography meets rich ecological diversity. Centered around the theme of protection, the design integrates six interconnected loops—social, ecological, productive, educational, historical, and energy-based. The goal is to reinterpret this transitional zone not as a boundary but as a living interface of memory, learning, and regenerative practices. Inspired by Bodrum’s historical layers—Lelegs, Carians, Romans, and Ottomans—the project introduces thematic stations, each representing a different cultural period reimaged with contemporary functions. Ancient Leleg hill roads, Roman hydraulic systems, Ottoman craftsmanship, and today’s renewable energy strategies are spatially reinterpreted through integrated design elements. The 1/2000 scale master plan includes nature-sensitive interventions such as erosion-controlling stone terraces, biological ponds, and piezoelectric pathways, creating a climate-responsive and educational landscape. At 1/1000 and 1/500 scales, these loops are detailed with locally adapted plant palettes, access systems, and non-invasive structural elements. The 1/200 scale design area focuses on an agricultural-educational terrace, where hardscape and softscape meet in a layered composition of permeable materials and framed coastal views. Echo Loop offers a participatory and sustainable design language that harmonizes ancestral knowledge with present needs. By embedding cultural heritage and ecological awareness into the land, the project transforms Bodrum’s landscape into a living narrative of care, continuity, and transformation.

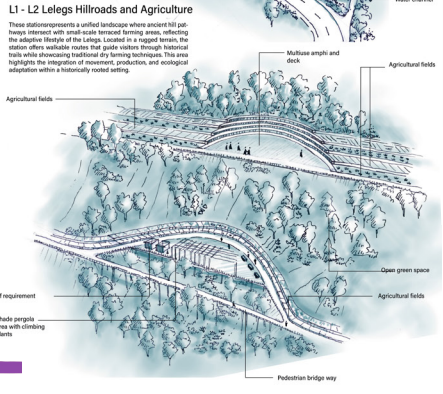
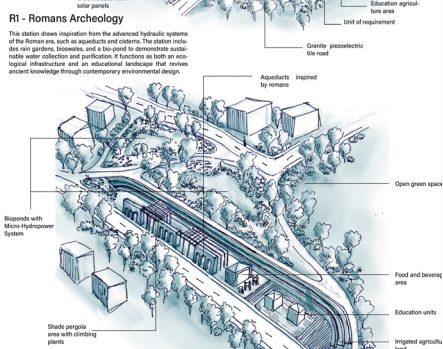
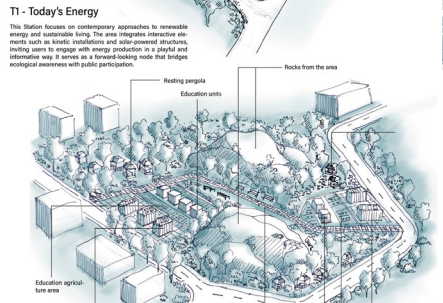
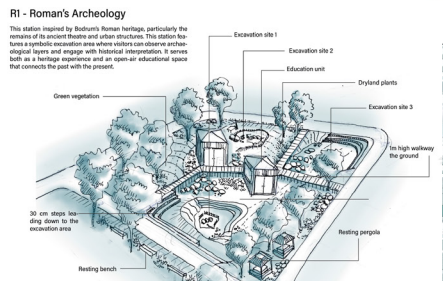
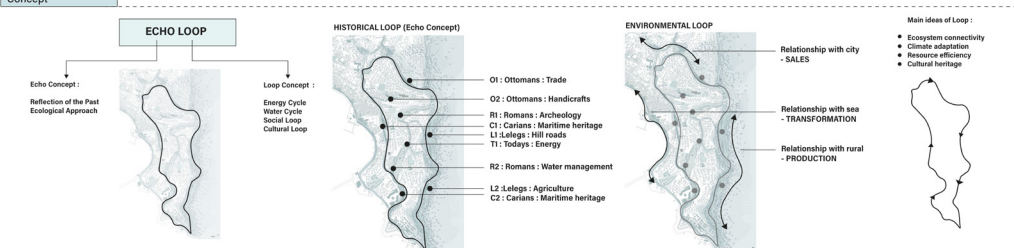
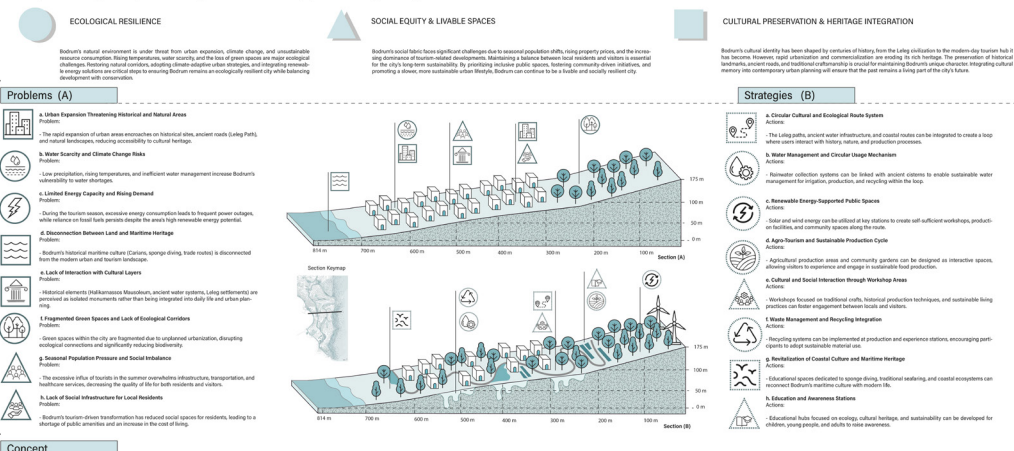
Barcelona International Landscape Biennial

Contact via email:
biennaladm@coac.net

Venue:
COAC - Col·legi Oficial d’Arquitectes de Catalunya
Carrer Arcs 1-3, 08002 Barcelona - Spain

Bodrum Conservation Strategy: Ecological, Cultural & Social Framework

Bodrum has historically been a place of protection-fortified by walls in ancient times, and now facing the challenge of safeguarding its environment and cultural heritage against urbanization and climate change. This strategy focuses on three key areas: ecological resilience, cultural preservation, and social sustainability to protect Bodrum identity while ensuring a livable future.



HERITAGE LOOP	SOCIAL LOOP	ECOLOGICAL LOOP	ENERGY LOOP	PRODUCTION LOOP	EDUCATIONAL LOOP
These of the past are reinterpreted and integrated into the present through spatial organization and adaptive reuse.	Multifunctional public spaces are designed to foster interaction, collective use, and shared experiences.	Water, soil, and vegetation cycles operate as resilient and self-sustaining ecosystems that support biodiversity and ecological health.	The system sustains itself through renewable sources, integrating a range of on-site and off-site energy production.	Local resources, agriculture, and crafts converge to form self-sufficient production landscapes.	Open learning environments facilitate the transmission of ecological awareness, historical knowledge, and hands-on skills.
O1 Ottoman Trade	Handicrafts market and public space	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
O2 Ottoman Handicraft	Handicraft workshop and public space	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
L1 Leleg's Hillroads	Public space and walking route	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
L2 Leleg's Agriculture	Public space and walking route	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
C1 Carian's Maritime Heritage A	Public space and walking route	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
C2 Carian's Maritime Heritage B	Public space and walking route	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
R1 Roman's Archeology	Public space and walking route	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
R2 Roman's Water Management	Public space and walking route	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment
T1 Today's Energy	Public space and walking route	Water conservation and reuse system	Renewable energy production and storage	Local product production and distribution	Open learning environment

