

REUSE AS A SOCIAL DESIGN STRATEGY

SYNTECHNON

DESIGN AND BUILD WORKSHOP AT THE PIRAEUS SEAFRONT IN ATHENS—GREECE

Piraeus is home to Greece's largest passenger and industrial port and a densely populated area of Athens. Its rich history and engaged population feed a commons-oriented ethos. Piercing through the ports' industrial and transportation infrastructure barrier, the Keratsini-Drapetsona neighborhood residents have reclaimed the Lipasmata area for public use, reconnecting themselves to the waterfront.

The international summer school is located in the public park of the Lipasmata area. It aims to engage with the Keratsini-Drapetsona Municipality residents by actively reclaiming ground for public life. Students will collaborate with residents and public authorities to understand the community's needs and social tapestry. They will develop proposals and construct 1:1 structures as a starting point for the area's residents' efforts to build new social spaces. During the workshop, students will explore contemporary social planning and construction approaches.

A central theme of the summer school is circularity. Embodying the principles of a circular economy and material reuse is a key step towards a more sustainable architectural practice. Through material interactions, we will evaluate forms, connections, component configurations, and spatial arrangements. Students will work with locally sourced recirculated materials and collaborate with local laboratories and workshops. This will allow them to investigate the materials' technical and architectural potential and use principles of material availability to reflect the ecological and social possibilities of architecture.

The temporary structures created during the summer school will serve as a stepping stone towards a dialog about the community's needs and inform the broader public about the potential of circularity in construction, emphasizing the importance of recognizing former waste as materials with future potential.

ONLINE HALF DAY

3.5.25+10.5.25+17.5.25

PIRAEUS

31.5.—7.6.25

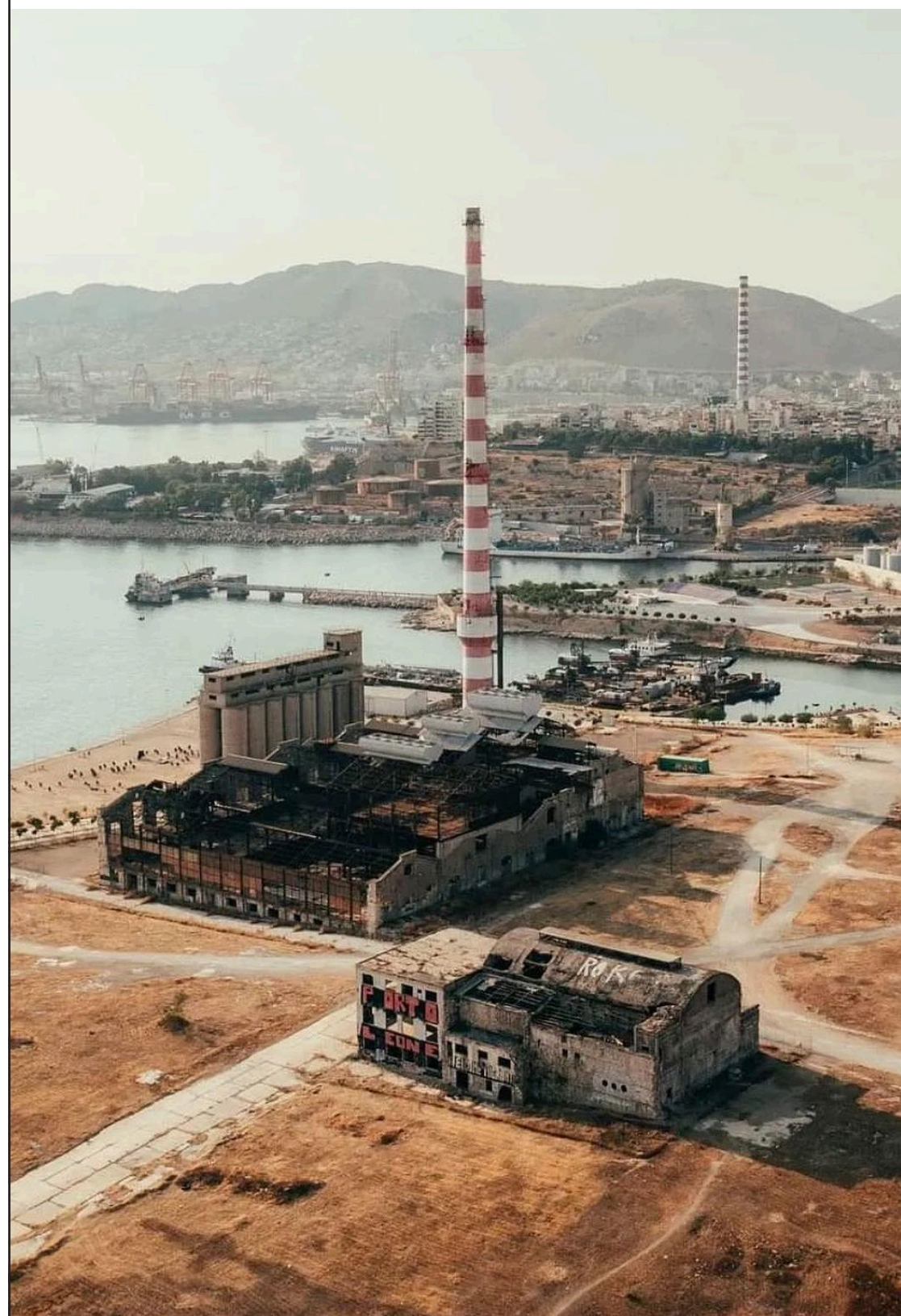
REGISTRATION PERIOD

14.3.25—26.3.25

MAXIMUM PARTICIPANTS: NTUA 10, ETH 10, UCY 5

3 ECTS POINTS

TRAVEL AND ACCOMMODATION IS ARRANGED AND PAID BY THE PARTICIPANTS. THE WORKSHOP IS FREE OF CHARGE.



TEACHING TEAM NTU ATHENS

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COLLABORATORS

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CONTRIBUTORS

Municipality of Piraeus,
Municipality of Keratsini-Drapetsona,
Blue Lab Piraeus,
local shareholders