

ECOWEEK 2011 WORKGROUP 4: ZEREFOS TESSAS ARCHITECTS

TITLE: ADDING ZERO

BRIEF: Our workshop theme concerns the insertion of a new zero energy consumption construction into an existing building complex. The site is located between two school buildings next to Leoforos Megalou Alexandrou and the promenade. The project provides different kinds of challenges that have to be addressed with varying environmental and architectural tactics. For example, what is the effect and how does one approach the design of a structure on a North-South axis when the Northern façade is fully open and the Southern shaded? Another challenge is the decision of uses that this insertion will have. What will happen if the school's needs demand more energy consumption? Is it possible to alter the needs of the school to fit into an environmentally friendly framework? How can one insert a zero energy building in an energy hungry complex? All these questions and more will be addressed during the workshop and the participants will have to make conflicting decisions in order to arrive at a zero energy consumption building.