

ECOWEEK 2011: GAVALAS ARCHITECTS & ASSOCIATES Workshop

The architectural work process we will undertake during the workshop, aims towards the design of a net zero energy multistorey residential building. The site is located close to Thessaloniki city centre and has a total area of 600 m².

Following step by step the methodology we use in real projects we will study the following stages:

- Site visit and analysis
- Climate analysis
- Main targets and key concept
- Architectural, building structural and mechanical systems design
- Study of few construction details
- Thermal & energy simulation using Ecotect and TEE software
- Pre-building financial assessment and cost analysis
- Presentation of our work