

Senior Thesis Brief Description

Thesis Title	Structural and energy aspects of BIPVs in Cyprus
Programme of Studies	BSc in Civil Engineering, Frederick University, Cyprus
Course	CEP 400 Senior Project
Area of Study	Sustainable Energy Technologies – Structural Aspects
Student's Name	Panagiota Tsitsi
Students Reg. Number	6126
Supervisor	Dr.-Ing. Paris A. Fokaides, V. Lecturer, Civil Engineering Department
Supervisory Committee	Dr. Christos Anastasiou, Ass. Professor, Civil Engineering Department Dr. Petros Christou, Ass. Professor, Civil Engineering Department
Semester	Fall Semester 2014
Short Description	<p>The main objective of this study was to discuss the structural and energy aspects of promoting BIPVs in Cyprus. In terms of this study, following objectives were fulfilled:</p> <ul style="list-style-type: none">▪ The definition of BIPV technologies and BIPV advancements▪ The investigation of the current status of BIPV applications in Cyprus▪ The determination of potential ways of incorporating BIPVs in the existing and newly built building stock in Cyprus▪ Structural concerns related to the installation of BIPVs <p>A case study regarding an existing dwelling in Cyprus incorporating BIPVs was also implemented in terms of this study.</p>