

Research Project Fact Sheet

Title of Project	Square Mile Retrofit Project
Project Acronym	Square Mile
	
Funding Program	Cyprus Research Promotion Foundation
Project Identifier	KOINA/ERACOBUILD-SR/0211
Total Budget	€ 876000
Starting – Ending Date	2012 – 2015
Consortium	<ol style="list-style-type: none"> 1. Green Structures (UK) 2. Parity Projects (UK) 3. IASA - Institute of Accelerating Systems and Applications, (Representing the University of Athens) (GR) 4. Frederick Research Center (CY)
Project Objectives	<p>To achieve large-scale retrofitting of Europe's housing stock, a practical understanding of area-based approaches is essential for reducing per-household costs. Central to this approach is developing an analytical tool that considers key parameters—such as building type, occupancy, local weather, infrastructure changes, upgrade options, and skill availability—alongside a financial model that lowers risk to offer affordable financing, thus encouraging uptake among target households. While previous studies have examined these factors individually or in combination, further work is needed to refine assumptions at the community level and create a systematic methodology for large-scale retrofits across Europe. The Square Mile Retrofit Project aims to address this by developing and testing its methodology in three sample areas with diverse tenure and building types. The project unites both academic and practical retrofit expertise from Northern and Southern EU countries, ensuring outcomes are relevant for member states with varying socio-economic, political, and climate conditions. This comprehensive approach will help shape effective, scalable retrofitting strategies for Europe's diverse housing landscape.</p>
Work Packages	<p>WP1 Project Management</p> <p>WP2 Retrofit Strategy Methodology</p> <p>WP3 Anthropological Review – Lifestyle Impacts and Customer Take Up</p> <p>WP4 Modelling for Climate Change Adaptation and all Euro Climate Zones</p> <p>WP5 Refining the Economic Modelling for Green Deal Applicability to other European Countries</p> <p>WP6 Review of Technologies to Make Low Energy Retrofit Successful in the Euro Zone Climates</p>
External References	