

Research Project Fact Sheet

Title of Project	Development of a Real Time Quality Support System for the Houses Construction Industry
Project Acronym	QuCon
	
Funding Program	CORNET/2008-1
Project Identifier	AiF-Research Project Nr
Total Budget	€ 570,000
Starting – Ending Date	2009 – 2011
Consortium	<ol style="list-style-type: none"> 1. Federation for Quality Research and Science (GER) 2. Cyprus Quality Association (CY) 3. Synectics Ltd (CY) 4. Bouwend Nederland (NL) 5. Delft University of Technology (NL) 6. Frederick Research Center (CY) 7. Universität Stuttgart (GER)
Project Objectives	<p>For the past few years many construction companies have been certified or are in the process of becoming certified with a Quality or Health and Safety Standard since it has become either a legal or very often a contract requirement. Unfortunately, the implementation of such standards did not result in the reduction of either labor accidents or large fines incurred due to failure to meet deadlines or budget. In addition, in most cases the certifications are used as promotion and publicity tools instead of an integrated system for upgrading the level of quality provided to their Customers.</p> <p>The main goal of this Research Project is to <i>develop a real-time quality assurance tool suitable for the houses Construction Industry</i>. In particular, it will investigate the building process from project initiation to commissioning. Activities prior to building initiation, such as house design and securing relevant licenses, will not be investigated in this project. Additionally, this project will compare houses building processes followed in North Europe (Netherlands, Germany) with South Europe (Cyprus). This will enable useful conclusions to be drawn from comparing current practices among the Countries involved.</p>
Work Packages	<p>WP 1: Construction Process Models and Simulation</p> <p>WP 2: Development of Quality Assurance Indexes</p> <p>WP 3: Optimization of Quality Parameters</p> <p>WP 4: Prototype Development and Pilot Testing</p> <p>WP 5: Dissemination and Exploitation of Research Results</p> <p>WP 6: Project Management</p>
External References	