HyLight - Research Project Fact Sheet

Title of Project	Design, development and application of a technologically advanced system of natural daylight and artificial PV lighting - Hybrid Light Tube - completed
Project Acronym	HyLighT
Funding Program	SOLAR-ERA.NET Transnational Programs
Project Identifier	SOLAR – ERA.NET PV1 and CSP1
Total Budget	248000 €
Starting – Ending Date	09/2014-09/2016
Consortium	1. Frederick Research Centre (CY) 2. PRKL Solar Century (CY) 3. AG Metall ITM Sp. z o.o. (PL)
Project Objectives	1. The development of a database for the parametric design and best practises for the manufacturing of hybrid light tubes of natural and artificial lighting 2. The testing and demonstration of the HyLighT concept. 3. The establishment of inspection procedures and standardised technical processes for constructive operation controls and energy characterisation of hybrid light tubes 4. The active involvement of the potential users in the downstream part of the value chain, 5. The boosting of the stakeholder's competiveness, through the upgrade of the existing light tube applications. The final product is anticipated to achieve breakthrough for this technology by considerably improving the performance and application conditions of conventional light tubes. Accordingly the commercialisation of the final product to the local and international markets is foreseen.
Work Packages	WP1 Project Management WP2 Literature Review – Applicable Codes and Standards WP3 Modular scaled model design and investigation WP4 Prototype design and investigation WP5 Production feasibility and guidelines WP6 Project Dissemination and Exploitation of Results
External References	
Role in the project	Coordinator