

## Research Project Fact Sheet

<b>Title of Project</b>	Design, development and application of a technologically advanced system of natural daylight and artificial PV lighting - Hybrid Light Tube'
<b>Project Acronym</b>	HyLight
<b>Funding Program</b>	SOLAR-ERA.NET Transnational Programs
<b>Call Identifier</b>	SOLAR – ERA.NET PV1 and CSP1
<b>Total Budget</b>	248138€
<b>Starting – Ending Date</b>	09/2014-09/2016
<b>Consortium</b>	<ol style="list-style-type: none"> <li>1. Frederick Research Centre, Coordinator</li> <li>2. PRKL Solar Century, Cyprus</li> <li>3. AG Metall ITM Sp. z o.o., Poland</li> </ol>
<b>Project Objectives</b>	<ol style="list-style-type: none"> <li>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</li> <li>2. The testing and demonstration of the HyLight concept.</li> <li>3. The establishment of inspection procedures and standardised technical processes for constructive operation controls and energy characterisation of hybrid light tubes</li> <li>4. The active involvement of the potential users in the downstream part of the value chain,</li> <li>5. The boosting of the stakeholder's competitiveness, 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.</li> </ol>
<b>Work Packages</b>	<p>WP1 Project Management</p> <p>WP2 Literature Review – Applicable Codes and Standards</p> <p>WP 3 Modular scaled model design and investigation</p> <p>WP4 Prototype design and investigation</p> <p>WP 5 Production feasibility and guidelines</p> <p>WP 6 Dissemination of Results</p>
<b>Reference</b>	<a href="http://www.hylight-project.eu">http://www.hylight-project.eu</a>