CLIP

Project ID: 243557
Funded under: FP7-SME

Enhancing Printed Electronics Applications by SMEs

From 2010-06-01 to 2013-05-31, closed project

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
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<tbody>
<tr>
<td>EUR 3 628 748,80</td>
<td>SME-2 - Research for SME associations</td>
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<tr>
<th>EU contribution:</th>
<th>Call for proposal:</th>
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<tr>
<td>EUR 2 691 790,45</td>
<td>FP7-SME-2008-2</td>
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<tr>
<th>Coordinated in:</th>
<th>Funding scheme:</th>
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<tr>
<td>Belgium</td>
<td>BSG-SME-AG - Research for SME associations/groupings</td>
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Objective

The project will focus on three development aims: 1) development, formulation and feasibility assessment of several lower-cost alternatives for Silver nanoparticle based conductive inks 2) for these lower-cost inks finding alternatives for conventional screen printing, which allow digital printing combined with high resolution printing and enable contactless printing, which improves quality and reliability of circuits 3) demonstration of system concepts for Printed Electronics in two different application domains: a. Printing of smart packaging tags and labels, specifically for pharmaceutical applications b. High speed low cost antennas for contactless cards and RFID tags Main impact on SMEs will be: • Allow SMEs to access extensive new markets and customers with large potential for revenue generation • Allow SMEs to surplus their current products or product offering with remarkable, new, high-valued features that will increase (perceived) product value • Provide SMEs with the information, (partnering) contacts and tools to make the transition • Identify the costs/impacts involved to allow SMEs to make an informed decision.

Related information

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<th>Report Summaries</th>
<th>Final Report Summary - CLIP (Enhancing Printed Electronics Applications by SMEs)</th>
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Less expensive electrical connections
Coordinator

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See on map

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Subjects

Economic Aspects - Scientific Research

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