

PARTNERS

ACKNOWLEDGEMENT

SUSTA-SMART

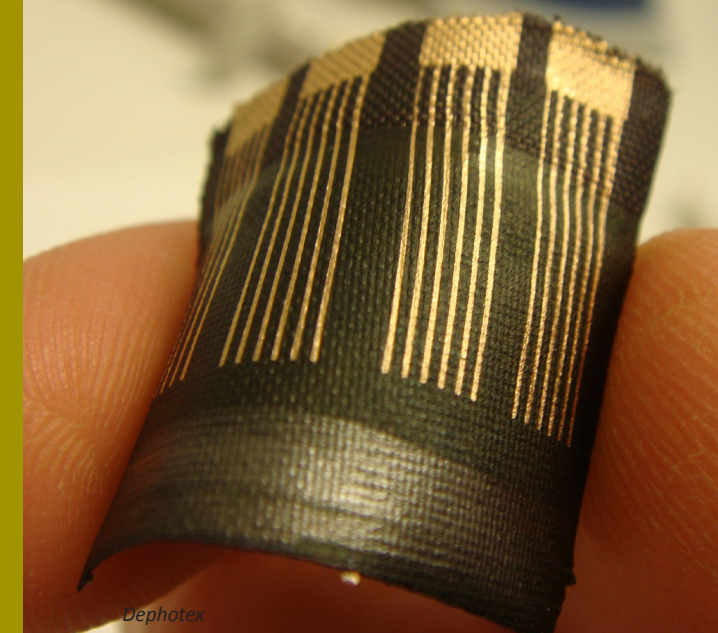
supporting standardisation for smart textiles



D'APPOLONIA



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SUSTA-SMART is cooperating with CEN and CENELEC for standardisation issues



Supporting standardisation for Smart Textiles

GOAL

SUSTA-SMART REINFORCES THE LINK BETWEEN RESEARCH AND STANDARDISATION TO BOOST THE MARKET UPTAKE OF SMART TEXTILES



STANDARDISATION

A KEY STEP FOR THE LAUNCH OF SMART TEXTILES ONTO THE MARKET

Smart Textiles and their numerous fields of application have a huge potential for boosting different European industrial sectors. Standardisation appears to be a key issue for further exploitation and commercialisation of smart textiles.

3 FOCUS DOMAINS

Given the wide range of potential applications for smart textiles, the efforts will be restricted to the integration of electronics and focussing on three domains:

1. Personal Protective Equipment (PPE)
2. construction and infrastructure
3. consumer goods

SYSTEMATIC 3 STEP APPROACH

SUSTA-SMART increases the interaction between research and standardisation by a systematic three step approach:

1. Identify the relevant standardisation actors and map issues which emerged from European research projects.
2. Synthesize and prioritise needs to draw up a standardisation roadmap.
3. Delivery of standardisation input documents and presenting them to relevant standardisation committees.

EUROPEAN PROJECTS

SUSTA-SMART aims at supporting standardisation needs encountered in R&D and innovation projects involving Smart Textiles.

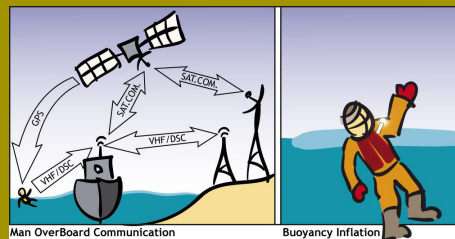
Starting from representative NMP projects

1. SAFE@SEA - *advanced personal protective clothing*
2. POLYTECT - *smart textiles for reinforcing and monitoring infrastructure*
3. DEPHOTEX - *flexible photovoltaic textile*

SUSTA-SMART will demonstrate the standardisation needs encountered during research and development.

IMPACT

Backed by external key players such as companies and standardisation actors SUSTA-SMART gathers sufficient critical mass to reach its ambitious goals at European and international level.



Safe @ Sea



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Polytect