High Performance Smart Multifunctional Technical Textiles for the Construction Sector

Fact Sheet

Project Information

MULTITEXCO

Grant agreement ID: 606411

Status
Closed project

Funded under
FP7-SME

Start date
1 October 2013

End date
30 September 2016

Overall budget
€ 2 401 162,58

EU contribution
€ 1 663 000

Coordinated by
TEXCLUBTEC

Italy

Objective

In the last decade, advanced textiles materials have been developed as a result of a number of research and innovation projects addressing in particular the construction sector, which represent one of the biggest markets for textile products. Examples of advanced textiles for the construction sector comprise fabrics used for the rehabilitation of buildings, providing both strengthening and monitoring functions, geotextiles for the stabilisation and monitoring of soil structures such as railway, roadway embankments or coastal protection structures, high performance technical textiles for tensile structures used for covering large areas such as stadiums or exhibition areas, and textiles used in advanced roofing systems. However, despite of the above benefits, many building practitioners are unfamiliar with the behaviour and the characteristics of these materials. The lack of information
about the use and the properties of these materials from the design and construction community limits their capability of achieving the highest possible standards in quality assurance and control construction projects. For these high performance materials the current design code or regulation may or may not be applicable: in general new codes or specifications or guidelines for their use or testing procedures are required to be developed for the purpose of design, construction and testing purpose.

The overall objective of the MULTITEXCO project is to scientifically and technologically characterise the latest achievements in technical textile sector for the development of Guideline and Pre-normative research enabling future standards at EU level aiming at supporting the SMEs involved in the construction sector to fully exploit the new generation of multifunctional technical textiles.

Field of science

/social sciences/economics and business/business and management/commerce
/engineering and technology/materials engineering/textiles
/medical and health sciences/clinical medicine/physiotherapy

Programme(s)

Topic(s)

Call for proposal

FP7-SME-2013

Funding Scheme

BSG-SME-AG - Research for SME associations/groupings

Coordinator

TEXCLUBTEC

Address
Viale Sarca 223
20126 Milano
Italy

Activity type
Other

EU contribution
€ 367 446,33

Website

Contact the organisation
Participants (13)

CLUBTEX ASSOCIATION

France

Address
Rue Des Metissages 41
59200 Tourcoing

Activity type
Other

Website
Contact the organisation

Administrative Contact
Aldo Tempesti (Mr.)

CATI SANAYICI VE IS ADAMLARI DERNEGI

Turkey

EU contribution
€ 214 289,38

Address
Kozyatagi Bayar Caddesi 76 /5
34742 Istanbul

Activity type
Other

Website
Contact the organisation

Administrative Contact
Edith Degans (Dr.)

VEREINIGUNG DER PRUEFINGENIEURE FUER BAUSTATIK
LANDESVEREINIGUNG BADEN-WUERTTEMBERG EV

Germany

EU contribution
€ 209 620,40

Address
Kanalstrasse 1-4
78532 Tuttlingen

Activity type
Other

Website
Contact the organisation

Administrative Contact
Mehmet Ozturk (Mr.)
<table>
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<th>Country</th>
<th>EU Contribution</th>
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<td>Spain</td>
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<td>Calle Hermanos Moroy 8, 4 Planta 26001 Logrono</td>
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<td>Via Cecchi 6, 16129 Genova</td>
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<tr>
<td>CENTRE SCIENTIFIQUE &amp; TECHNIQUE DEL'INDUSTRIE TEXTILE BELGE ASBL</td>
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<td>Rue Montoyer 24/2, 1000 Bruxelles</td>
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<td>KARLSRUHER INSTITUT FUER TECHNOLOGIE</td>
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<td>ACCIONA CONSTRUCCION SA</td>
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<td>Avenida De Europa 18 Parque Empresarial, 28108 Alcobendas</td>
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Maco Technology srl

Italy
EU contribution
€ 124 247,30

Address
Via Ugo La Malfa 86 88
25050 Provaglio D Iseo Bs

Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Website
Contact the organisation

Administrative Contact
Miguel ángel Paris Torres (Mr.)

UNITEX VZW

Belgium
EU contribution
€ 303 052,26

Address
Ketelstraat 38
9800 Deinze

Activity type
Other

Website
Contact the organisation

Administrative Contact
Roberto Maffei (Mr.)

CLUTEX - KLASTR TECHNICKE TEXTILIE

Czechia
EU contribution
€ 204 089,46

Address
1 Maje 97/25
460 01 Liberec

Activity type
Other

Website
Contact the organisation

Administrative Contact
Miloš Beran (Mr.)