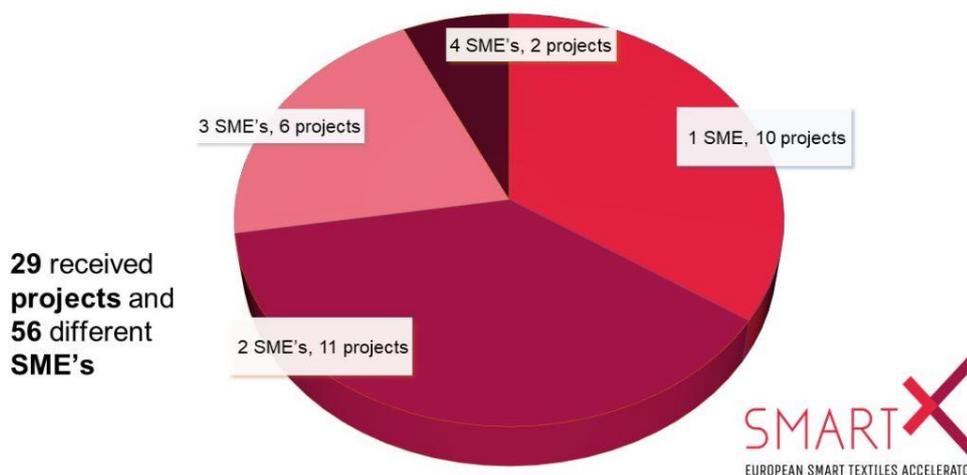




SME PROJECT DISTRIBUTION



SECOND FUNDING CALL: UPDATE

SmartX Europe recently closed the second call for SmartX Europe funding. Despite the COVID-19 crisis, it was a success!

Following a round of Expressions of Interest, 29 applications were submitted by a total of 56 SMEs from 16 different EU and associated countries (see picture). After a pre-selection meeting by the SmartX consortium, 27 applications were deemed eligible. In the end, 20 project proposals by 40 SMEs from 16 countries were submitted to the Selection

[Committee](#) for

evaluation.

The success rate for the second call is estimated at over 40%, which means that around **10 projects will be selected**. The most represented target market is Wellbeing, followed by Health & Protection. Follow us on [LinkedIn](#) and [Twitter](#) to find out the winners as soon as they are announced!

In case you missed it, here are the [winners of the first SmartX funding call](#). Read about the innovative startups and SMEs, along with their project goals.

The [third & final call](#) is set to open on November 15, 2020 and close on February 15, 2021. Please spread the word among your network!



Digital SmartX Workshop (in German)

November 4, 2020 10:00-12:00 CET

Join us for an online workshop in German organised by SmartX partners DITF and Steinbeis-Europa-Zentrum. It will feature lectures from applied research on smart textiles, showcase successful industrial examples, and address the upcoming third call for SmartX funding. [Read more...](#)

RECAP: Get PPEs into the market: conformity and regulatory challenges

Last summer, three SmartX partners - Portuguese Textile Cluster/CITEVE, Textile ETP, and Euramaterials - hosted the first webinar in a series of our online events. It focused on the main issues to be addressed in order to fulfill the regulatory compliance of PPEs. [Read more...](#)



JOIN our exclusive online community for smart textile professionals

Sign up for our PREMIUM NEWSLETTER for SmartX members

In order to meet the needs of our growing community of smart textile specialists, we are launching a premium newsletter for registered and verified SmartX users (see left panel). This monthly newsletter will connect with other professionals and contain all regular SmartX updates you already receive, plus **exclusive content such as access to webinar recordings, member-only calls for partners, smart textile resources, and more.** [Sign up... your profile](#), then check the [Inquiry board](#).

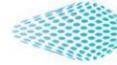
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SmartX partners



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WINNERS OF THE FIRST SMARTX EUROPE FUNDING CALL



Announcing winners of the first SmartX Europe funding call

- [Blog](#)

The SmartX team is happy to announce nine funded projects, selected by a group of [12 external experts](#) after a tough competition among 35 other brilliant applications. The grant designated for the first call – 706,000 € in lump sum – will be distributed among 16 different SMEs from eight European countries.

Here are the nine projects and their goals, organised by partnership size.

Airbag Jeans is a joint project by four SMEs: [Airbag Inside](#) (Sweden), [Avilar](#) (Sweden), [Detecht Technologies](#) (also Sweden), and Monlid (Italy). Their goal is to produce airbag jeans to prevent injuries to extremities, especially in motorcycle accidents. The project is focused on protection.

Sweat Monitoring T-shirt is a solution proposed by three SMEs: [Biometrica](#), [Staff Jersey](#) from Italy, and [Worldklaas](#) from Belgium. It is a wearable real-time monitoring system of sweat and salt loss, based on an innovative biosensor and integrated into textile fibres. This innovative device performs electrochemical analysis of sweat in real time. Designed for sports applications, in particular athletes.

Dynaback T-shirt comes from two SMEs from Bulgaria and Germany ([Dynaback](#) and [Amohr](#), respectively). This project aims to develop a smart garment that will help prevent back-pain and musculoskeletal diseases. It will identify and reduce bad movements of the spine by providing an early warning of back issues and increasing healthy movement habits.

Textile ECG Solution for long-term monitoring is proposed by two SMEs: [Nathlos](#) (Switzerland) and [Zimmermann](#) (Germany). The project will bring to the market a medical textile Electrocardiogram (ECG) carrier for continuous long-term monitoring of cardiac activity. Unlike gel electrodes, the textile ECG solution can be worn without creating skin irritation, for seven days up to several weeks.

Bodee, by a single SME called [Comftech](#) from Italy, is a project focused on two markets: newborn monitoring in hospitals, during the crucial skin-to-skin time and during their first day of life, and babies monitoring at home, which can be easily managed by parents.

Designed for hospitals, the product is expected to meet the growing clinical demand for early identifying of life-threatening arrhythmogenic disorders. Currently most babies are not monitored due to the limits of traditional monitoring systems, which tend to be invasive and uncomfortable. The solution for home monitoring aims to answer parents' growing need for peace of mind, confirmed by market studies on their spending to increase baby safety at home.

Seat Mat, by Spanish SME [Sensing Tex](#) is a solution aimed as a platform for a White label-certified and approved textile hardware as an assessment tool for healthcare purposes with an API called Seat Mat. Its main focus is the prevention of pressure ulcers of wheelchair users. An OEM solution for retailers and distributors of wheelchair systems, it is ready to be integrated into cloud services of the customer.

ICRS system, by another SME from Spain called [HEE TEE](#), is an all-new concept of a baby carrycot, able to monitor physiological parameters of the baby/infant and send alerts whenever those

parameters are outside recommended health thresholds. Parents can monitor and track all these health parameters using their phones.

Wolk, a single SME from the Netherlands, aims to develop a line of **smart airbag belts** that are worn around the hip. The device will prevent hip fractures and other injuries in case of a fall and is meant especially for elderly people, either living at home or at nursing homes.

Moca-Ba by German SME **Kinfinity** is a new textile sensor that can be integrated in any kind of clothing. The project is focused on the integration of this sensor into physiotherapy and sports clothing, and will allow data to be analysed after training.

