

SMARTX

EUROPEAN SMART TEXTILES ACCELERATOR

SME Get-ready Workshop, Budapest, 3 December 2019

Lutz Walter, SmartX Coordinator

SMARTX

Is a 3-year (2019-2022) collaborative project that has received funding from the

EU's Horizon 2020 research and innovation programme

to support the establishment of a

Smart Textiles Manufacturing Value Chain in Europe

through

Acceleration Funding & Coaching of SME's and Start-Ups

SmartX Partners



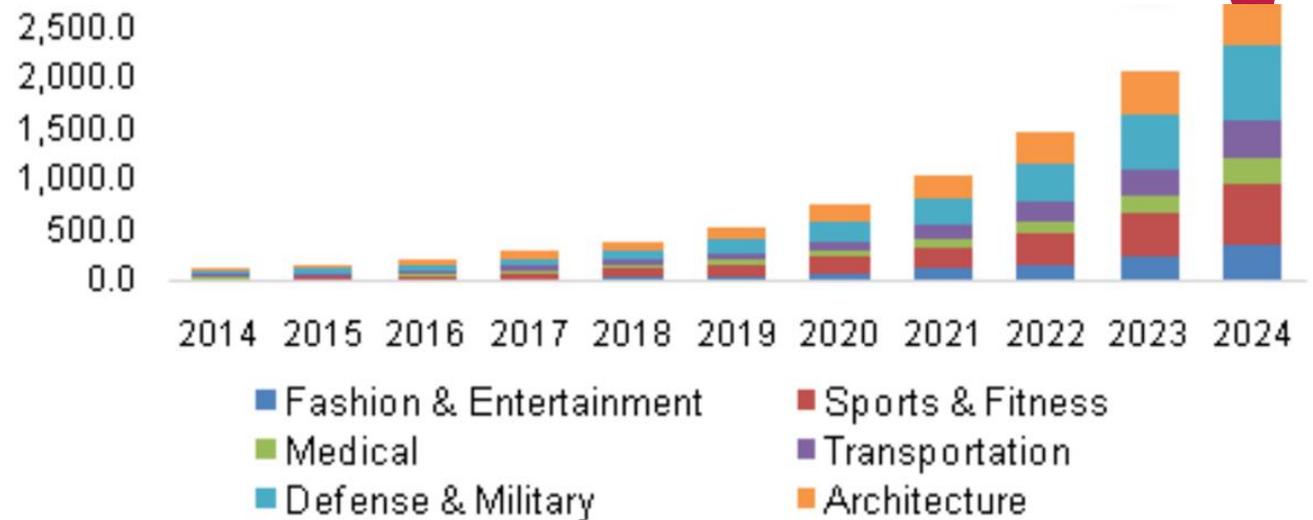
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824825

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SMART TEXTILES: Definition and Markets

- **Textile fibre or fabric-based** products providing a **smart function** based on an **integrated electronic component**
- Exponential market growth expected for Smart Textiles & Wearables (from a very small base)
- Several promising end markets



Source : Grand View Research – Smart Textiles Market
Smart Fabrics Industry report, 2024



Smart PPE by Applycon (CZ)



Smart glove by ProGlove (DE)

Smart Healthcare Solutions

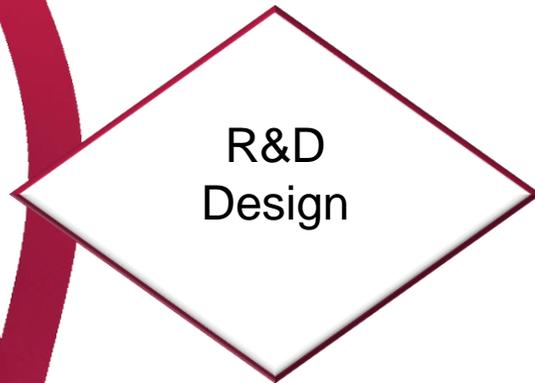


Epilepsy diagnostic wear by Bioserenity (FR)



MAIN GOAL OF THE PROJECT

ESTABLISH A SMART TEXTILE VALUE CHAIN IN EUROPE



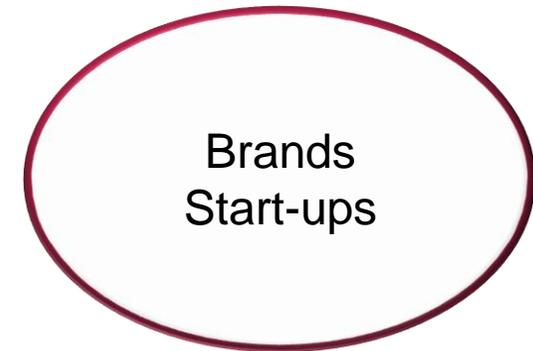
Technology
Push

PAST



The Missing
link

FUTURE



Demand
Pull

PRESENT

THE PROJECT PROCESS

1. Value chain mapping and platform development

2. Smart Textiles Community building & SME outreach

3. 3 Open calls and funding up to 40 trailblazer projects

4. Implementation, coaching and follow up of the trailblazer projects

5. Results dissemination and SmartX accelerator programme replication

2019

2020 – 2021

2021 – 2022

OPEN CALLS PROCEDURE

3 OPEN CALLS

The calls, application forms and applicant guidelines will be published in www.smartX-europe.eu and on the calls for proposals and tenders website of the EU's Executive Agency for SME's.

1st Call open:
1 Dec'19 to 28 Feb'20

3rd Call open: Nov'20 to
Feb'21

2nd Call open: May'20 to
Aug'20

**START OF THE
PROJECT**
2 months after call closure.

12 internationally recognised Smart Textiles Innovation Experts form the **SmartX Selection Committee** to collectively select the best applications.

ELIGIBILITY CRITERIA FOR APPLICANTS

SMEs /start-ups based in **Europe** or H2020 **Associate country**

Build partnerships with other SME's, research or technology provider, end market player, ideally in another European country.

Applicant SME's must be an established **legal and operational entity**.

A single SME can receive a **max. funding of € 60,000** (during the 3 calls).

A project composed of several SME's can receive up to € 60,000 per SME involved, max. total funding for a multi-SME project consortium € 150,000.

Applications must be **in English**

SELECTION CRITERIA FOR PROJECTS

SME business **growth potential**

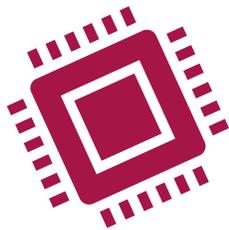
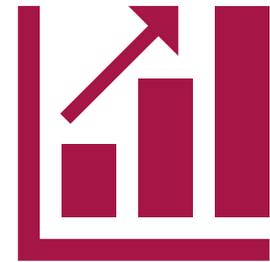
Textiles + electronic component

Targeted Markets

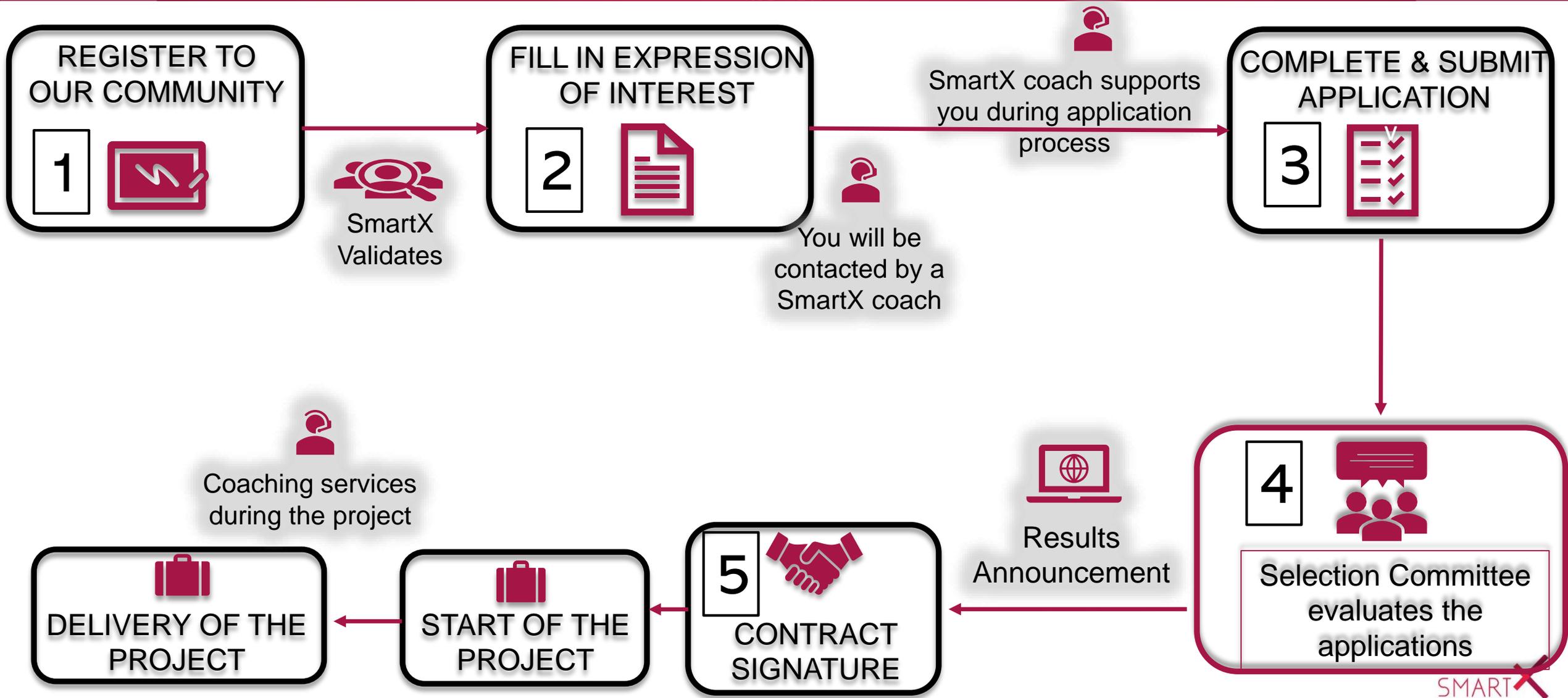
Technical & operational **excellence/innovation** capacity in partnership

Smart Textiles market **acceleration potential**

EU Manufacturing **value chain** impact



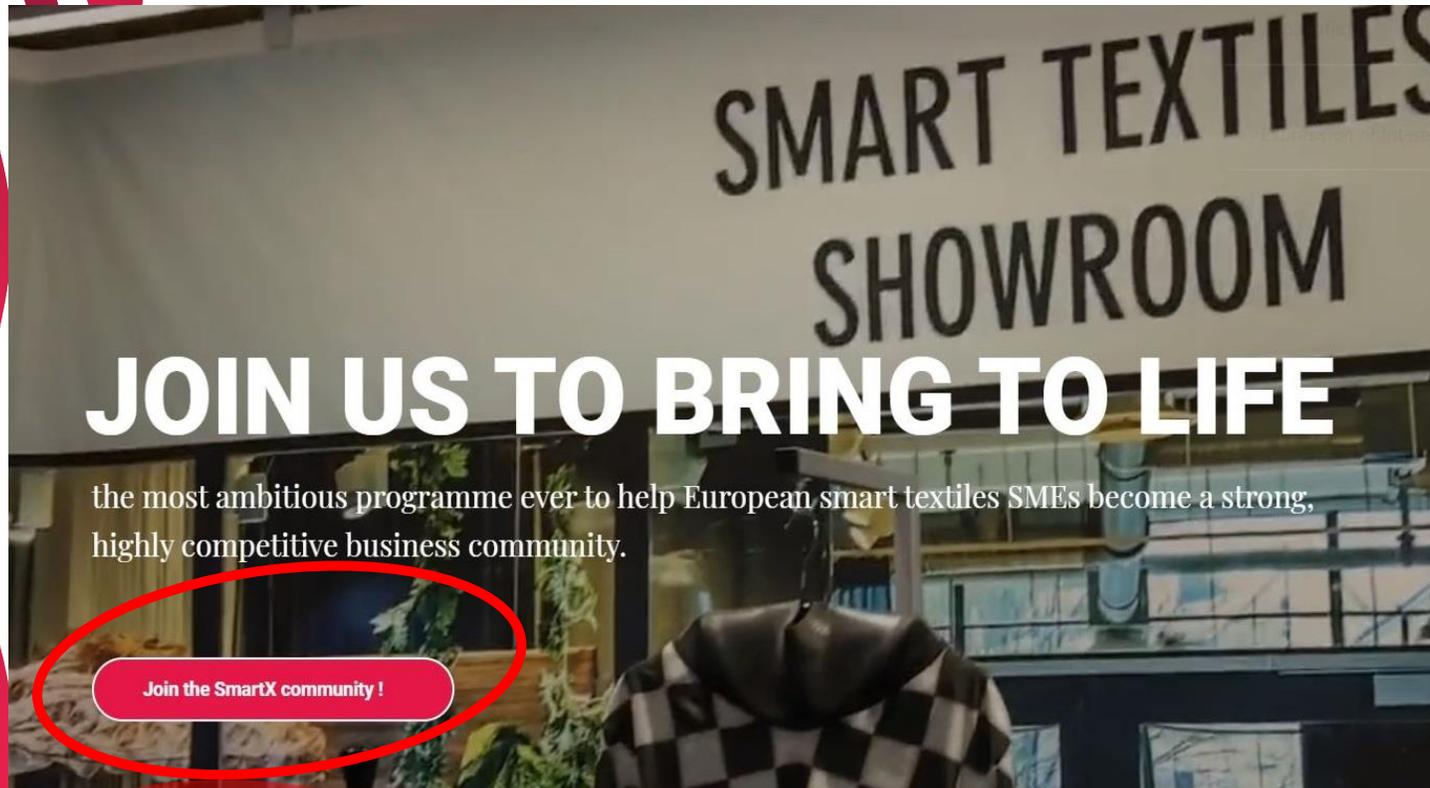
THE COMPLETE SME JOURNEY



APPLICATION – EVALUATION – PROJECT
STEP BY STEP

STEP 1 - JOIN OUR SMARTX COMMUNITY

HOW?



- ✓ Go to our site www.smartx-europe.eu
 - ✓ **Register** with your professional information, select your sector and your company information.
 - ✓ After a few days you will receive a **confirmation email**
- ✓ **Discover our Smart X community**
- ✓ **Submit an expression of interest**

STEP 2 - EXPRESSION OF INTEREST



ABOUT SMARTX

COMMUNITY

COME TO AN EVENT

APPLY FOR FUNDING

Open since September

Application

Expression of Interest

1. **What is your smart textile innovation concept/idea and which market/user need does it address? (150 words maximum)**
2. **Which of the target end markets of SmartX does it mainly focus on?**
3. **What existing solutions are there that could solve the problem you intend to address? Max 100 words**
4. **In what way is your solution better? (100 words maximum)**
5. **What technology readiness stage have you reached in the development of this innovation ?**
6. **How do you plan to use the SmartX support (funding + coaching) to accelerate your innovation?**

- ✓ Complete & submit online Eol form
- ✓ After a few days you will be contacted by a SmartX partner to discuss eligibility of your project idea
- ✓ If project principally eligible, you will be assigned your application coach, which will support you in preparing and submitting your full project application

WHAT DO SME'S/START-UPS GET?

FUNDED SMES

Up to 60,000 € in lump sum funding

Paid in 3 tranches:
€10,000 at start
€25,000 1st milestone
€25,000 at project completion

**Coaching services
200 hours**

Application coaching
Process coaching
Exploitation coaching

Network Access

Collaboration Platform
Cluster Workshops
Hackathons
Value chain workshops
Final dissemination events

**Total funding budget € 2.4 million
Total coaching budget 11,500 hours**

MEETINGS AND EVENTS

Regional Workshops

- 30 September Biella, IT
- 1 October Liege, BE
- 13 November Barcelona, Spain
- 13 November Stuttgart, Germany
- 26 November Boras, Sweden
- 27 November Porto, Portugal



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SME COACHING SEMINARS

29-30 October 2019 IoT Hackathon, Berlin, Germany



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UPCOMING EVENTS

Regional Workshops

3 December Budapest, Hungary

14 January Lille, France



SME Coaching

May 2020, Project Brokerage Event, Paris, France

October 2020, IoT Hackathon, Leuven, Belgium



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