

SMARTX

EUROPEAN SMART TEXTILES ACCELERATOR

Regional Workshop
30 September 2019, Biella, Italy

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

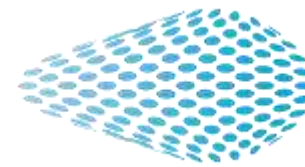
to support the establishment of a

Smart Textiles Manufacturing Value Chain in Europe

through

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

SmartX Partners



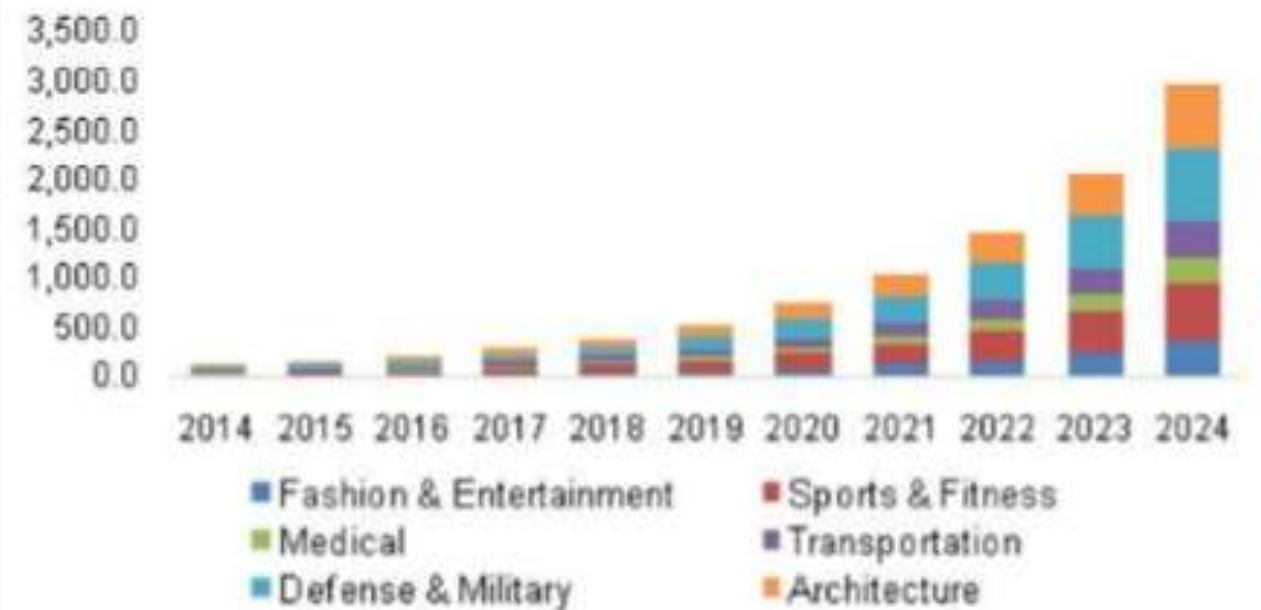
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SMART TEXTILES: Definition and Markets

- **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

Gran View Research – Smart Textiles Market, Smart Fabrics Industry report, 2014

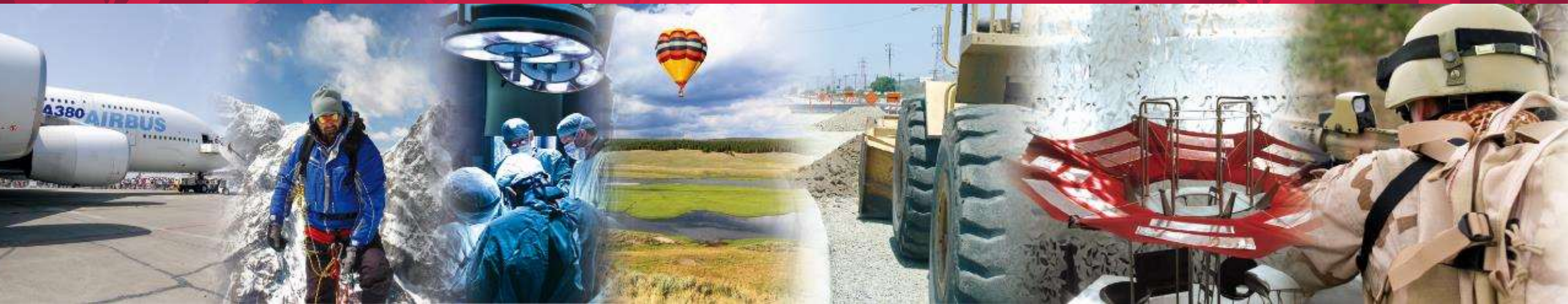


SMARTX END MARKETS

Protection &
Sports

Health &
Well-being

Industry
(incl. transport,
architecture & interior)



SMARTX

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Some prototypes/products in these markets.



Smart glove by ProGlove (DE)



Air pollution filter by WAIR (FR)



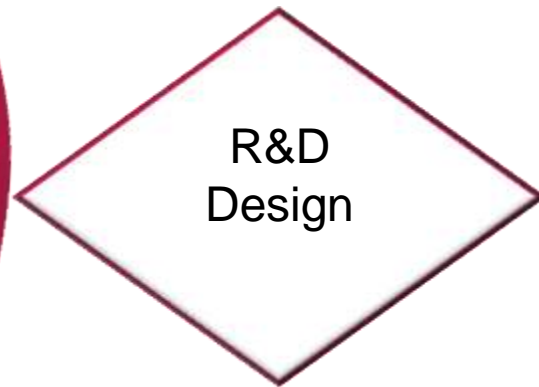
Smart PPE by Applycon (CZ)



Epilepsy diagnostic wear by Bioserenity (FR)

Goal of the Project

ESTABLISH A SMART TEXTILE VALUE CHAIN IN EUROPE



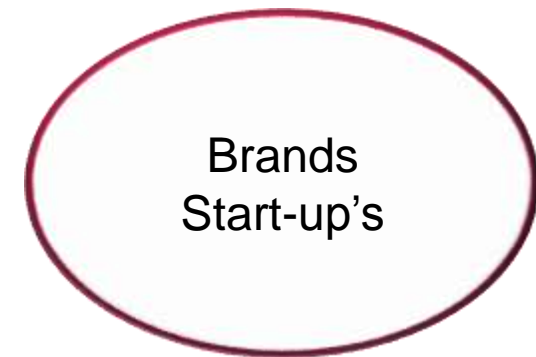
Technology
Push

PAST



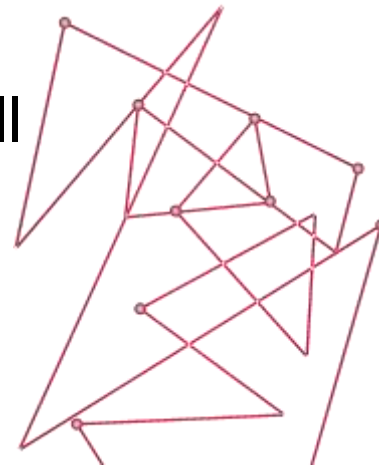
The Missing Link

FUTURE



Demand Pull

PRESENT



Objectives of the Project

#1 Build a **European Innovation Ecosystem for Smart Textiles Industrialisation** – bring all interested players together

#2 Improve innovation capacity and market exploitation potential of promising **SME's and Start-up's manufacturing smart textiles** materials, components, products or related technology - create a portfolio of up to 40 trailblazer projects.

#3 Improve the smart textiles innovation support and **coaching competences of clusters** and other SME support organisations – provide effective SME support at local & regional level

#4 **Replicate** the systemic approach to cross-sectoral SME innovation and **accelerator funding model** beyond the SmartX to other markets

PARTNERS

● EUROPEAN NETWORK ORGANISATION

Textile ETP (BE)
EURATEX (third party)

■ CLUSTER

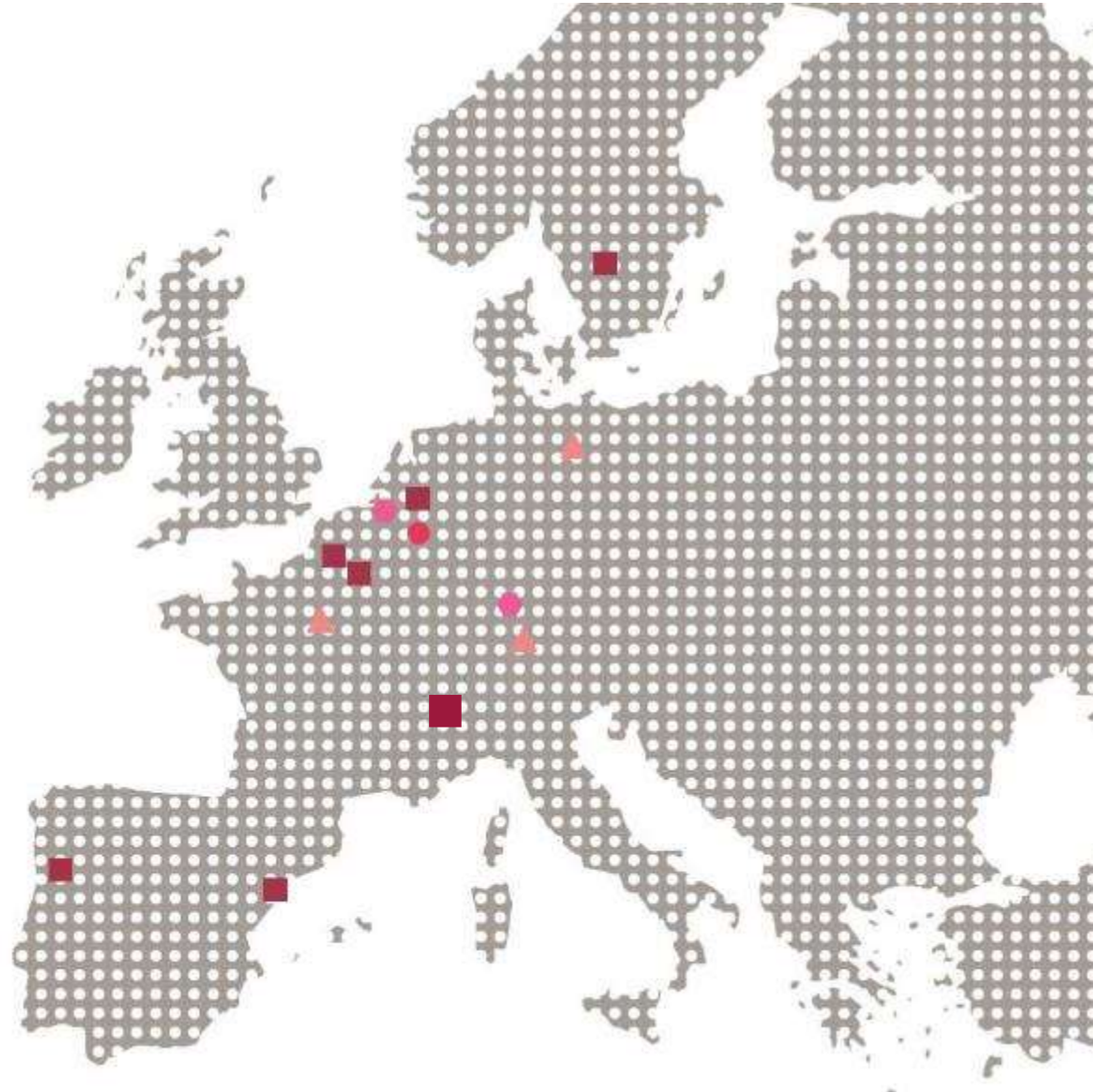
UP-Tex (FR)
Po.IN.Tex (IT)
Smart Textiles (SE)
Cluster Textil Moda (PT)
Texfor (ES)
DSP Valley (BE)
CITC (FR)

● TECHNOLOGY CENTRE

Centexbel (BE)
DITF (DE)

▲ INNOVATION SUPPORT ORGANISATIONS

Steinbeis (DE)
IFM (FR)
Sourcebook (DE)



The Process

1. Value chain mapping and framework building

2. Smart Textiles Ecosystem building & SME outreach directly reaching at least 1000 SMEs

3. Implementation of the calls and funding up to 40 projects with up to 60K€ per SME

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

5. Results dissemination and SmartX accelerator programme replication

2019

2020-2021

2021-2022

SME Support

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

Application coaching
Process coaching
Exploitation
coaching

NETWORK ACCESS

Collaboration Platform
Cluster Workshops
Hackathons
Value chain workshops
Results dissemination
events

**€ 2.4 million to fund up to
40 projects during 3 years**

3 Open Calls for Projects

Selection criteria for projects:

SME business growth potential
Operational excellence/Innovation capacity Smart Textiles
Market & Manufacturing Acceleration potential

1st Call:
Nov'19 to Feb'20

3rd Call:
Nov'20 to Feb'21

2nd Call:
May'20 to Aug'20

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

The **12 international** recognised experts from the **Smart X Selection Committee** meets 3 times to select the best applications .

CALLS PROCEDURE & TIMELINE

Join SmartX Community

Open since **September**

Complete Expression of Interest Form

SmartX coaches will contact all SME's that have completed the expression of interest

Apply to open call

Eligible SME's /Start-ups
Textile + Electronic Component
Manufacturing value chain
SmartX target markets

Projects with average duration of 12 months.

START OF THE PROJECT

Contract Signature & 1st Funding

Funded Projects will be contacted and prepare the contract

Selection Results

2 experts of the **Selection Committee** will select the best projects.

Workshops and SME Coaching Sessions

Regional Workshops

- 30 September – Biella, Italy
- 1 October – Liege, Belgium
- 13 November – Barcelona, Spain
- 13 November – Stuttgart, Germany
- 27 November, Porto, Portugal
- 4 December – Lille, France

SME Coaching

29-30 October – IoT Hackathon, Berlin, DE



For more information

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THANK YOU FOR YOUR ATTENTION

