

*We start: 2:00 pm*

Please, **turn off** sound  
& **switch off** camera



## Smart Wearables – Innovative Concepts for Healthy Living

Wearables for Monitoring and Diagnostics  
in Sports, Fitness and Healthcare



EUROPÄISCHE UNION

Europäischer Fonds für  
regionale Entwicklung

Gefördert aus Mitteln der Länder Berlin und Brandenburg und der Investitionsbank Berlin,  
kofinanziert von der Europäischen Union – Europäischer Fonds für Regionale Entwicklung.

# Cluster Optics & Photonics



*„The Future is made of Light!“*

Optical Technologies and  
Microsystems Technology are  
Key Technologies of the 21<sup>st</sup> Century

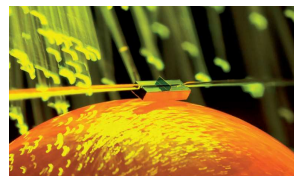
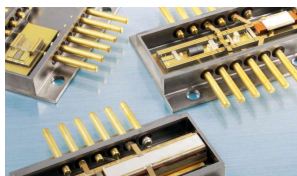


Dr. Katharina Witte  
Innovation Manager  
[katharina.witte@berlin-partner.de](mailto:katharina.witte@berlin-partner.de)

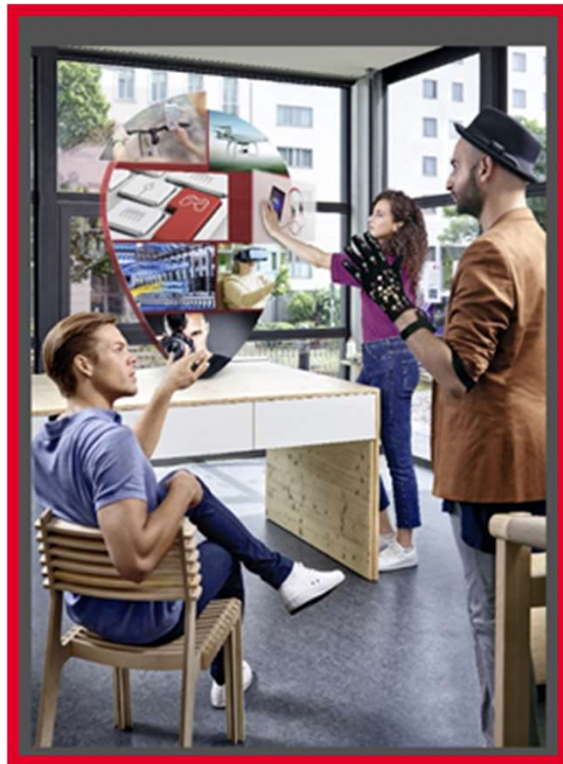
More than **400 innovative optics and photonics companies & 35 research institutions** are located in Berlin & Brandenburg

Focus areas: Laser, Lighting, Microelectronics, Optical Analytics, BioPhotonics, Quantum Technologies ...

Support for business development, networking, collaboration partner search, R&D projects, funding opportunities



## Cluster ICT, Media & Creative Industries



More than **36.000 companies** in the capital region engaged in tech, media and creative solutions. Berlin is among the **top 5 fashion cities** hosting Berlin Fashion Week twice a year.

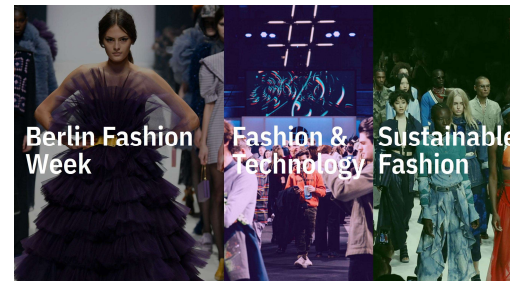
Focus for the fashion industry: *wearables, interactive design, platform solutions & e-commerce, sustainable fashion, circular business models*

Support for investors, founders and companies in Berlin on

- location
- funding
- innovation
- talent and
- international issues



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<https://fashion-week-berlin.com>

## Agenda



14:00 **Welcome & Introduction by Berlin Partner**

14:10 **Panel Discussion: Experiences, Opportunities & Challenges for Wearables**

Thomas Gnahn 

Lisa Lang  

Antonia Caraveteanu 

14:45 **EU funding grants „SmartEEs“ & „SmartX“ + Cooperation Network Berlin - China**

*10 min BREAK*

15:10 **Presentation Pitches: 6 min + Q&A**



16:15 **Closing remarks**

→ *Meet & Apply*

# EU funding grant „SmartEES“

Jens Woelki, Enterprise Europe Network @ Berlin Partner for Business  
and Technology





The world's largest  
support Network for SMEs with  
international ambitions

[een.ec.europa.eu](http://een.ec.europa.eu)

**BERLIN PARTNER**  
for Business and Technology

**BERLIN**



# SmartEEs

- SmartEEs2, is a **European acceleration program**, that is organizing **open funding calls**
- With the goal to integrate **Flexible and Wearable Electronics technologies (FWE)** into advanced products / series of products and services.
- Short-term projects + entrepreneur-friendly application process



Please click here for further: <https://smartees.eu/open-call-smartees2>

# 1. Experimenting and testing end-product ideas with FWE technologies

Projects related to **industrial and societal adoption of new digital products, services and business models enabled by Flexible and Wearable electronics** (visit [Marketplace](#) for technology details):

- OLED lighting
- Organic photovoltaics
- Flexible displays
- Electronics and components
- Integrated smart systems
- Smart textiles
- Structural electronics



The aims of Application Experiments for this topic will be:

- The transformation of a product idea into a **functional product demonstrator**;
- The creation of an **exploitation plan**.



## 2. Support to manufacturing of FWE based end-products including upscaling

Open for companies which already have a Flexible and Wearable Electronics demonstrator but do not have the necessary manufacturing capacity to **transform the existing demonstrator into production demonstrator** for volume manufacturing.

Projects related to the following **manufacturing technologies** (visit [Marketplace](#) for manufacturing technologies):

- Electronics Printing
- High volume component assembly
- Post-processing / Finishing
- Structural electronics














Specifically, the aims of application experiments for this topic will be:

- **Small series of demonstrators;**
- Advancement and validation of the **exploitation plan** (e.g. cost calculation, supply chain, market expansion).

## Who can apply?

- SMEs and Mid-caps (< 3.000 employees)
- Tech (innovative companies) or non-tech (traditional industries)
- From all activities fields:

Automotive		Logistics	
Building & architecture		Medical & pharmaceutical	
Consumer electronics		Packaging	
Energy		Printing & graphic arts	
Lighting		Textile & fashion	
		Others	

# What is in for you?

- **Access to FWE and manufacturing technologies** as mentioned before to integrate advanced features/functions inside new products and / or to make a series of products.
- Support through a complete set of **services integrating technical, business, ecosystem expertise** which will enable to build up sustainable business cases.
- The **financial support available** for an Application Experiment is **up to 100 k€** (70% funding rate):
  - **Up to 60 k€** worth of technical services delivered directly by the SmartEEs community
  - **Up to 20 k€** for technical activities integrating above technical services and directly related to the product prototyping / support to manufacturing activities
  - **Up to 20 k€** assigned for non-technical activities related to the setting-up of the exploitation plan



# When?

CUT-OFF	DATES
1 <sup>st</sup> Cut-off	05/06/2020
2 <sup>nd</sup> Cut-off	23/09/2020
3 <sup>rd</sup> Cut-off	15/01/2021
4 <sup>th</sup> Cut-off	07/05/2021
5 <sup>th</sup> Cut-off	31/08/2021

## Get to know our activities



### B2b matchmaking events

- 2nd Nov 2020 – 6th Nov 2020  
[Textile Fashion Tech](#)
- [19<sup>th</sup> Nov 2020 - SMM2020](#)  
Smart Manufacturing Matchmaking
- Find further **matchmakings, Seminars, Company Mission** etc. [here](#)
- Visit our [Partnership Opportunity Database](#) with more than 5.000 international profiles:
- Check out the [regional Enterprise Europe Network homepage](#):



# Meet me @ « Meet & Apply with Wonder »



Berlin Partner für Wirtschaft und Technologie

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## EU Funding Grant *SmartX*



*„SmartX is going to boost smart textiles innovation to develop an end-to-end smart textiles manufacturing value chain in Europe and help drive promising prototypes fast to market.“*

**13 European partners** from textile & tech industries focusing on manufacturing technology, micro-electronics, data processing and IoT

### 3-year Programme

- Building a strong, sustainable **community**
- **Interaction & collaboration** within the European smart textile industry
- Organizing focused **workshops**
- **3 calls for funding** to support 40 individual projects of SMEs incl. start-ups



[www.smartx-europe.eu](http://www.smartx-europe.eu)

## EU Funding Grant *SmartX*



### Submission Dates

1. Call open Nov '19 – Feb '20
2. Call open Jun '20 – Oct '20

### **3. Call open Nov '20 – Feb '21**

### Fields of application

- Health and well-being
- Protection and sport
- Industrial applications

### Benefits

- Max. 60 000 € per SME  
(max. 150 k€ per project)
- Max. 200 h free-of-charge coaching

### Criteria

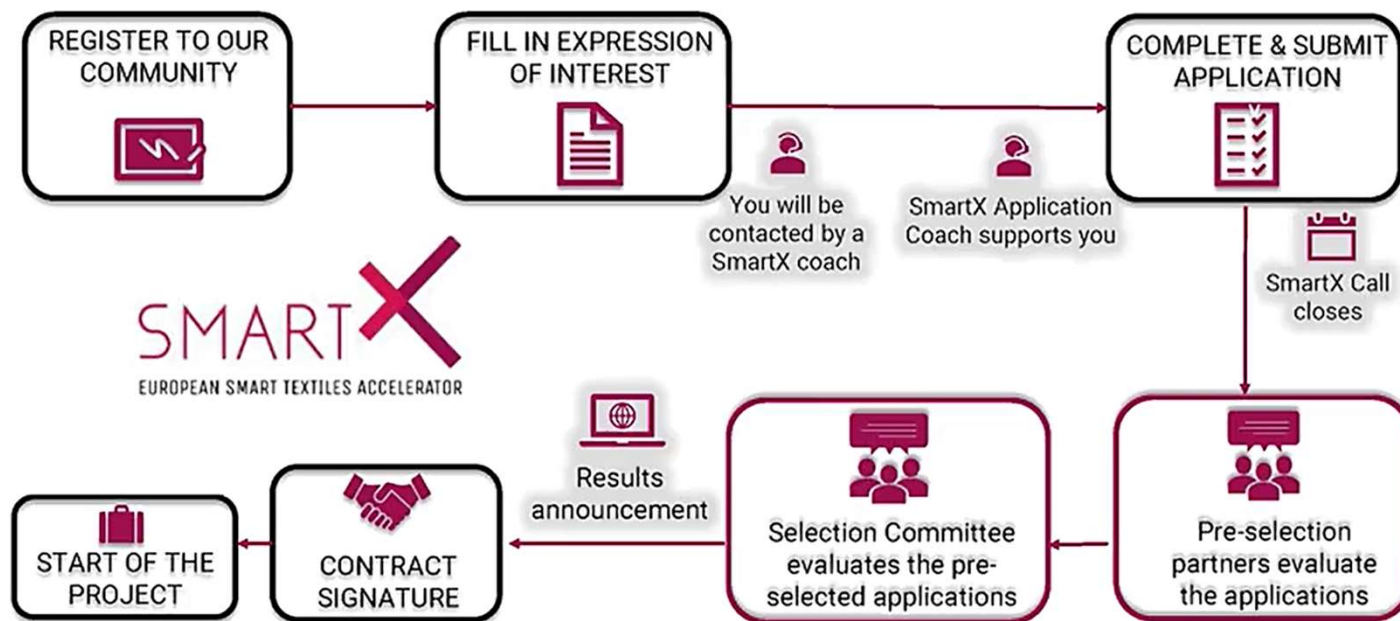
- Project clearly addresses **smart textiles**
- **TRL 6-8** at the time of application
- Duration: **10-12 months**

### Who can apply

- **Single project** by SME or **consortia**
- **SME's status:** operational entity for at least 12 months  
(book value of at least 2x the amount of funding requested)
- **Start-up status:** with less than 5 years & lack of book  
value as partner of consortium (max. 30 k€)

[www.smartx-europe.eu](http://www.smartx-europe.eu)

## EU Funding Grant *SmartX* – Application Process



[www.smartx-europe.eu](http://www.smartx-europe.eu)

## CN-BC Cooperation Network Berlin & China

CN-BC supports **new business partnerships** between Berlin and China in the green tech, UX and design industries. Through a series of events and meetups, both real and virtual, the project offers entry points into the German and Chinese markets with **legal, trade and intercultural support** for businesses, industry experts and local organisations. An online community platform serves to initiate and develop relationships, to identify and realise synergies; while digital tools for video-conferences and workshops will be explored to reach a wider audience and promote green business practices at a time of global travel restrictions and climate change.

**When:** June 2020 – August 2022

**Who:** International Design Center Berlin (IDZ) & Sourcebook GmbH

**Where:** [www.cn-bc.org](http://www.cn-bc.org)

