

WEAR

Project ID: 732098

Funded under:

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Wearable technologists Engage with Artists for Responsible innovation

From 2017-01-01 **to** 2018-12-31, ongoing project

Project details

Total cost: EUR 3 050 656,25	Topic(s): ICT-36-2016 - Boost synergies between artists, creative people and technologists
EU contribution: EUR 2 998 925	Call for proposal: H2020-ICT-2016-1 See other projects for this call
Coordinated in: Belgium	

Objective

Wearable technologies aimed at private consumers constitute a nascent market, expected to grow very fast. Their disruptive power is exemplified by the competition between established technology giants and start-ups. In particular, the development of the wearable market relies on its capacity to break down barriers between creative industries and digital technology companies. At the core of this market is the amount of data that wearable technologies allow to capture, in particular over their users' personal data. This raises ethical issues regarding the ownership of this data, and what wearable providers do with that data, among other ethical issues, such as labour issues manufacturing, and mineral sourcing in the supply chain. There is a need to raise awareness around such issues, while ensuring the continued development of the wearable technology and smart textiles industries.

WEAR proposes to bring wearable technology stakeholders to work more closely with designers and artists across Europe to shift the development of the EU wearable industry, drawing on the rich European landscape of wearable technology and smart textile stakeholders, toward addressing the core issues head on within the research & development stages. To do so, WEAR will:

Develop a sustainable European network of stakeholders and hubs, to connect and push the boundaries in the design and development of wearables;

Encourage cross-border and cross-sector collaboration between creative people and technology developers to design and develop wearables;

Develop a framework within which future prototypes can be made that will become the next generation of what ethical and aesthetic wearables could/should be;

Lead the emergence of innovative approaches to design, production, manufacturing and business models for wearable technologies;

Make citizens, entrepreneurs and other stakeholders more aware of the ethical and aesthetic issues in making and use of wearable technologies

Coordinator

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EU contribution: EUR 2 588 437,50

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EU contribution: EUR 47 425

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