



upwears

Bioinspired e-textile

Sustainable solutions for upgraded smart wearables and equipment in sport

**48
months**

*September 2024 to
August 2028*

€7.8M
Total budget

7.0M

Funding of
Horizon Europe
contribution

UPWEARS will build an innovative and replicable value chain from the valorisation of flax, cork, hemp and by-products of the paper industry towards an innovative, bioinspired, e-textile for application in sport industry.

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Shock Absorption

Bioluminescence

Conductive Track

Sensors

Batteries

Ventilation Area

Solar Panel

Hygromorphic Layer

Tag

Ventilation area

**Water Resistance
Wind Proof, Breathability**

upwears.eu



@UPWEARS-project



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the European Union

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15 partners from 7 countries

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SYNCHROTRON