

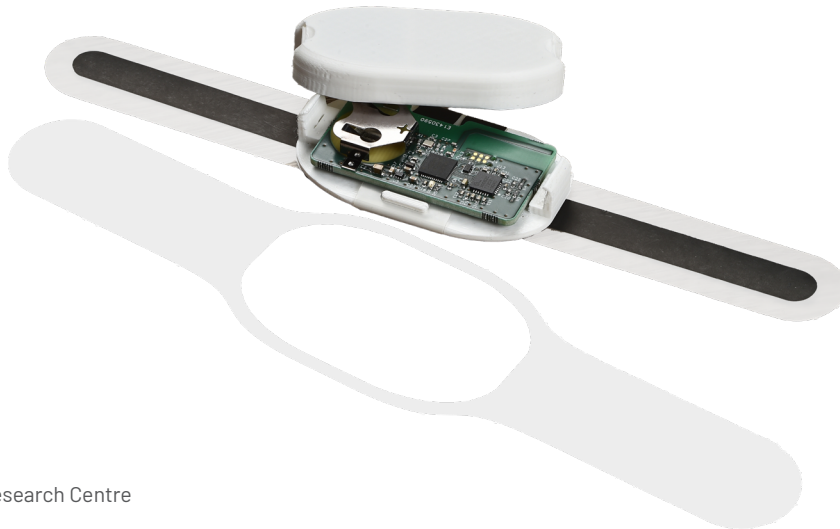


HEALTH & PHARMACEUTICAL APPLICATIONS

CELLULOSE-BASED PLATFORMS FOR FLEXIBLE ELECTRONICS

Healthcare remains one of the largest waste-producing sectors in the world. Plastics are heavily used in medical supplies and account for 25% of the waste generated by hospitals. 91% of plastics are not recycled and end up in landfills or nature. VTT Technical Research Centre of Finland has developed a new sustainable cellulose-based film that is free from fossil-fuel derived plastic materials, and an excellent platform for building flexible electronic devices especially

targeting the medical sector. Our film solution offers high strength, flexibility, transparency, breathability and printability. Most importantly, the film is designed to be recycled and offers a path towards circularity for electronic materials such as precious metals and semiconductors.



VTT Technical Research Centre



Finland



Aayush Jaiswal

aayush.jaiswal@vtt.fi