

JULY
01

BUILDING THE NEXT GENERATION OF RESPONSIBLE ELECTRONICS

PRINTED ELECTRONICS FOR A CHANGING WORLD

📍 Silversquare Bailli | Av. Louise 231, Brussels

AGENDA



Funded by
the European Union



Suink

ECOTRON



CircEL-Paper

8:30 8:40	WELCOME AND INTRODUCTION TO THE EVENT	
8:40 9:30	FLASH PROJECT INTRODUCTIONS <ul style="list-style-type: none">• Estibaliz Gómez, Tekniker SUINK• Valerio Beni, RISE HyPELignum• Corne Rentrop, TNO ECOTRON• Gerhard Domann, Fraunhofer ISC CircEL-Paper	Intro
9:30 10:10	SUINK SELF-CHARGING SENSORS FOR THE AUTOMOTIVE INDUSTRY <p>Brecht Demedts, Centexbel Unai Otamendi, Oribay Group Martina Bruno, Gemmate Technologies</p> Showcase of self-charging power systems for different sensors integrated into automotive sector applications.	
10:10 10:50	ECOTRON SUSTAINABLE PRINTED ELECTRONICS TO REPLACE PCBs <p>Cristina González Buch, ITENE Corne Rentrop, TNO Inmaculada Lorente, ITENE</p> A case study discussing manufacturing, performance, reliability and LCA analysis of medical, wearable, lighting and IoT use-cases.	Project results
10:50 11:05	COFFEE BREAK ☕	
11:05 11:45	HYPELIGNUM CAN ADDITIVE MANUFACTURING ENABLE NET-ZERO ELECTRONICS? <p>Valerio Beni, RISE and Kealie Vogel, EMPA</p> Results, challenges, and environmental impacts of using wood substrates for additive electronics manufacturing.	Demonstrators' session
11:45 12:25	CIRCEL-PAPER MATERIALS AND PROCESSES TOWARDS SUSTAINABLE PCB MANUFACTURING BASED ON PAPER <p>Gerhard Domann, Fraunhofer ISC</p> Key achievements and future challenges in making paper-based electronics recyclable, highlighting novel materials and processes.	
12:25 13:15	HANDS-ON EXPLORATION OF PRINTED ELECTRONICS INNOVATIONS <p>Live tests, videos, and demonstrations of innovative printed electronics solutions and applications.</p>	Panel discussion
13:15 14:30	LUNCH BREAK 🍴	
14:30 16:00	NEW TRENDS IN SUSTAINABLE ELECTRONICS <p>Following an EU Green Electronics Working Group briefing, experts will discuss opportunities and challenges in the transition of sustainable printed electronics from research to large-scale industrial deployment. Moderated by Isabella Treser, OE-A Europe</p> <ul style="list-style-type: none">• Dejanira Araiza Illan, Janssen• Erika Györvary, EPoSS• Kealie Vogel, EMPA• Matti Mantysalo, Tampere University• Oliver Werzer, Johanneum	
16:00 16:30	WRAP-UP AND CONCLUSIONS	

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