



How OITB services help to scale lab results to proof of concept

Printed Electronics Helix Launch

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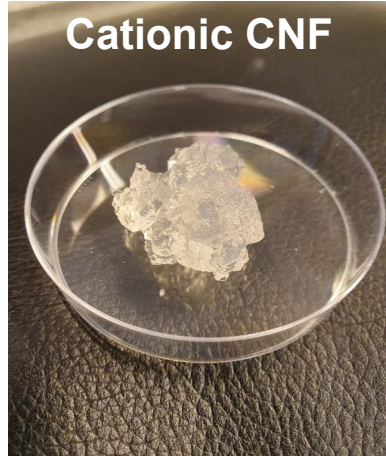
About the project

INN-PRESSME aims at developing & implementing a sustainable Open Innovation Test Bed (OITB) to support European companies to scale up their nano-enabled biomaterials & processes from TRL 4-5 to 7.

Main target: Bio-based materials to equal or outperform fossil counterparts

16 pilot lines for feedstock conversion were up-graded and are validated with Test Cases

Test Case: Smart Label for Packaging

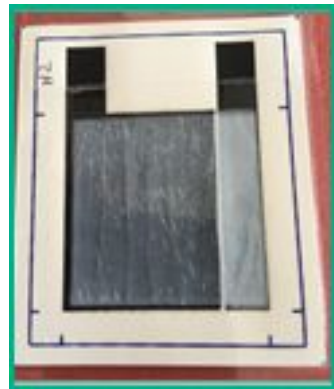
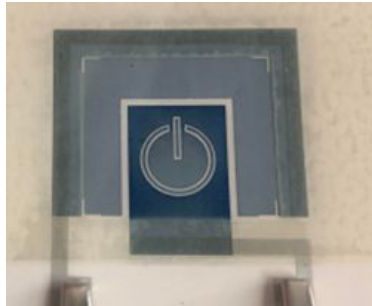


Cationic CNF

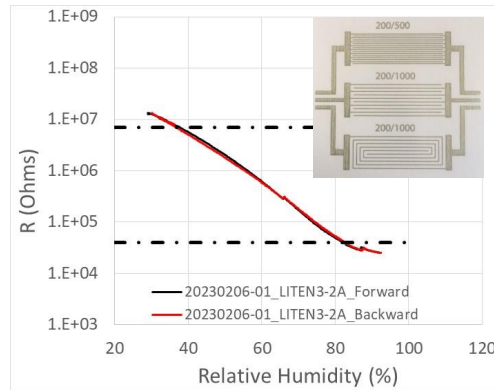


Cellulose NanoCrystals

Printed ElectroChromic Display

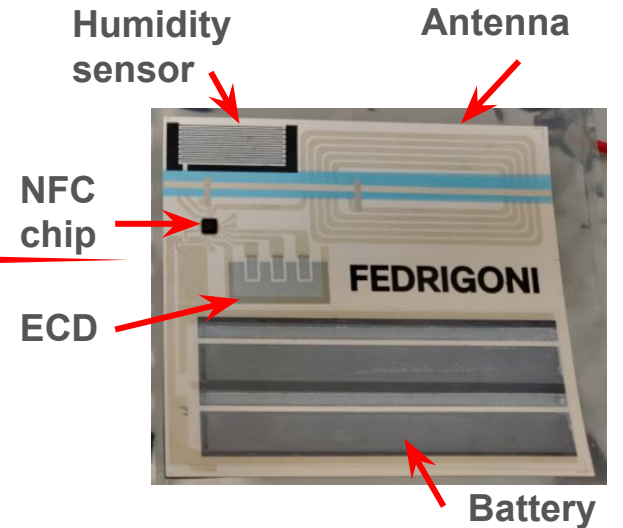


Printed Battery



Printed Humidity Sensor

Smart Label on paper (R2R process)



Several OITBs offer help with functionalities through Single Entry Point

- INN-PRESSME OITB

Printing electronic functions (S2S)

https://www.inn-pressme.eu/pilot_line/

- FF2S OITB

Printed flexible electronics (S2S & R2R)

<https://flexfunction2sustain.eu/technical-facilities/>

- CONVERT2GREEN OITB

Flexible electronics and Diagnostics (S2S & R2R)

<https://convert2green.eu/our-services/>

