



Our innovation

- The principle of INJELEC is to synthesize a conductive polymer such as PEDOT on a specific substrate to create **electrically conductive polymer fillers**. These fillers are incorporated into plastic matrixes providing the following benefits:

- ✓ HIGH CONDUCTIVITY
- ✓ FLEXIBILITY
- ✓ LIGHTWEIGHT PROPERTIES
- ✓ LOWER MATERIALS COSTS
- ✓ EASY TO PROCESS USING HIGH SPEED PLASTIC MANUFACTURING TECHNIQUES (e.g. 3D Printing)

- In our new process, the PEDOT is directly synthesized on the substrate thus avoiding the solvent based processing of PEDOT.

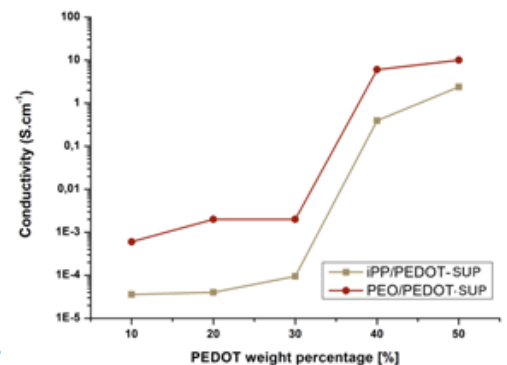
So far, the INJELEC concept & benefits have been demonstrated in PEO and PP

- Conductivity of the filler : 80S/cm
- Conductivity of the thermoplastic composite (50w% filler)
- Maximum temperature of use : 230°C

PEO/PEDOT 12 S/cm
PP/PEDOT : 2.5 S/cm

Potential applications : from composite conductivity of 0,01 to 100 S/cm

- 3D Printing [PLA]
- Printed electronic circuits
- Bipolar plates for fuel cells
- Sensors , actuators

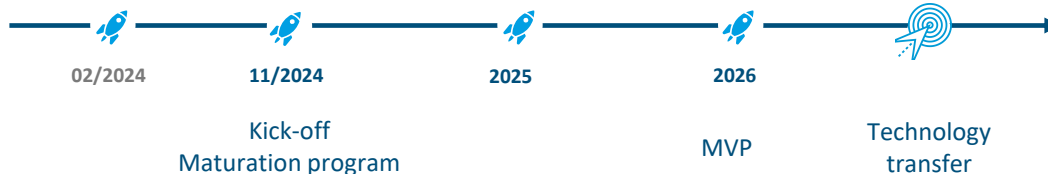


Key project milestones

DONE / TO BE DONE

pre-maturation project

Maturation program
(Conectus funding)



We are looking for :
a joint development

We offer an exclusive licensing option agreement including

- Joint development
- Right of first refusal
- IP managed by Conectus in accordance with licensee strategy
- Commercial use on defined fields/applications and territories

We expect a co-development effort including

- A Technical support to reach the development target: successful preclinical tests
- Financial compensation (to be defined together) deductible from future licensee fees

CONTACT:

Sébastien ZUIN
Business Developer MedTech
+ 33 (0)6 19 16 16 87
Sebastien.zuin@satt.conectus.fr