

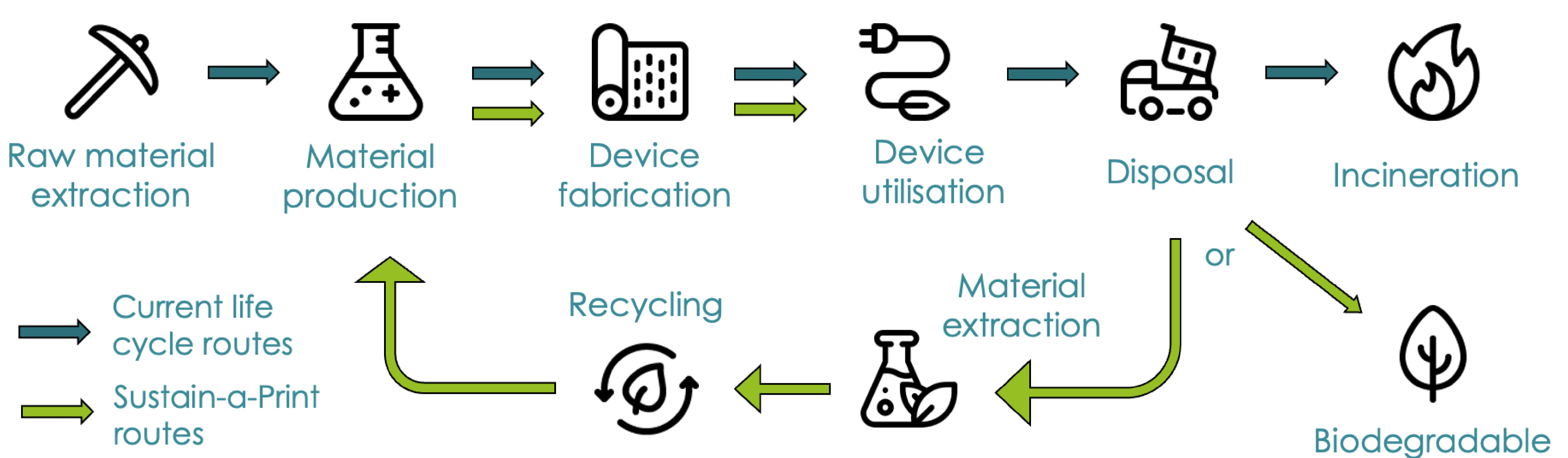


SUSTAIN A PRINT

Sustainable materials and process for green printed electronics

Sustain-a-Print (SaP) project develops recycled, bio-based, and biodegradable materials to produce printed electronics (PE) as an alternative to the current fossil-based ones. Its main goal is to open new life-cycle routes and to design and implement sustainability into each step of the PE life cycle.

SaP's approach vs current lifecycle routes for PE



4 FOCUS AREAS

1) Materials:

Biodegradable and recyclable substrate materials and functional nanomaterials for inks

2) Formulations:

Environmentally benign ink formulations and adhesives

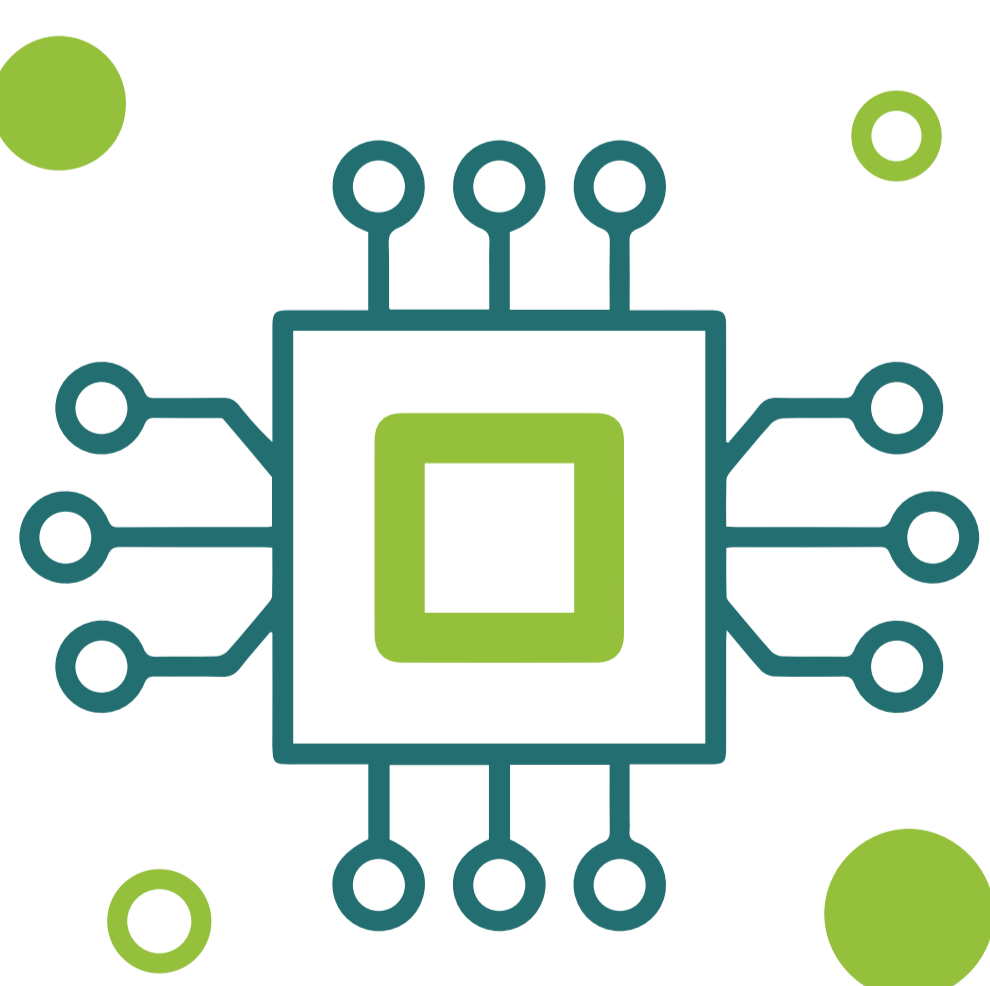
3) Printing:

Development of digital printing methods

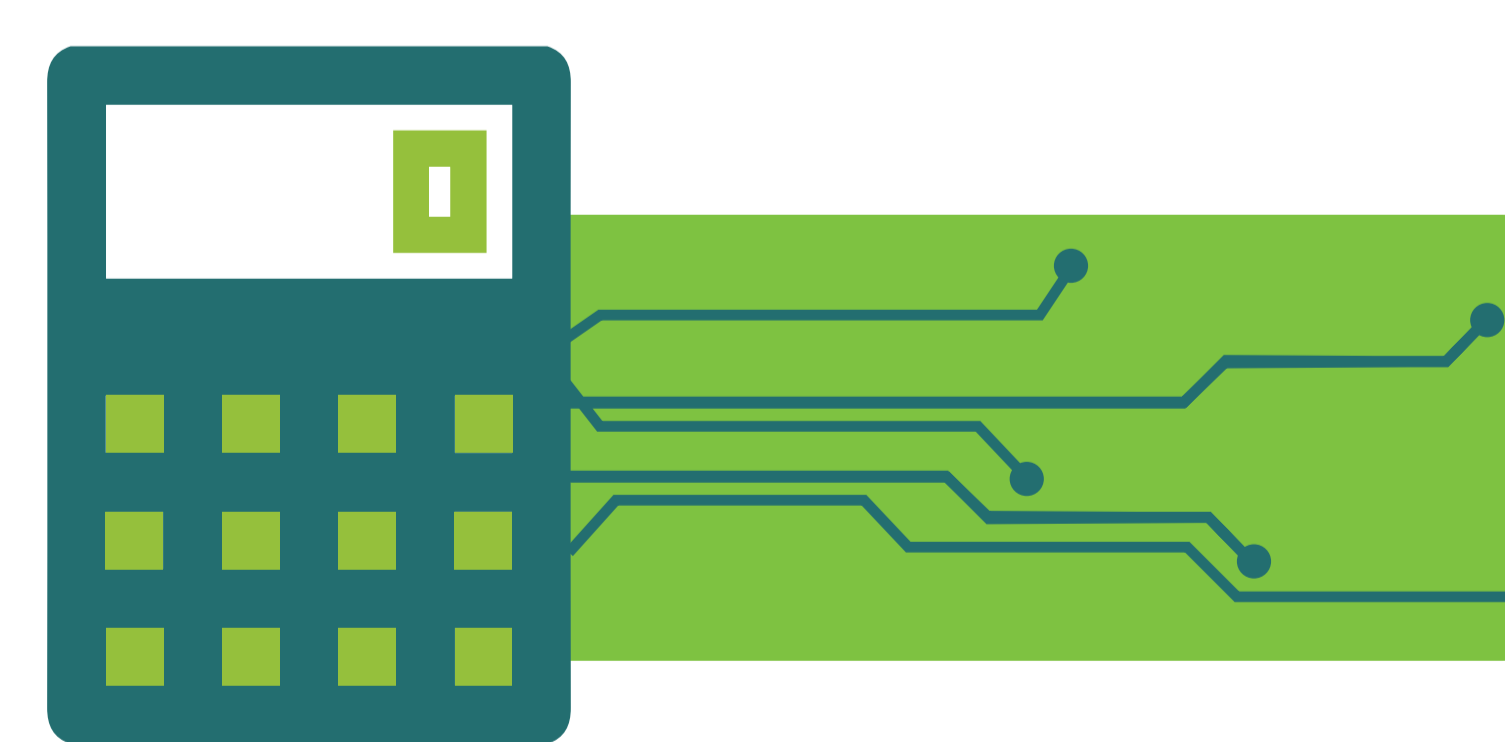
4) Circular Economy:

Biodegradation and recycling-separation of PE into smaller elements

2 INDUSTRIAL END USER CASES



BIOSENSORS



MEMBRANE SWITCH/ KEYBOARDS



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