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France-Wallonie-Vlaanderen
UNION EUROPÉENNE
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PEPS

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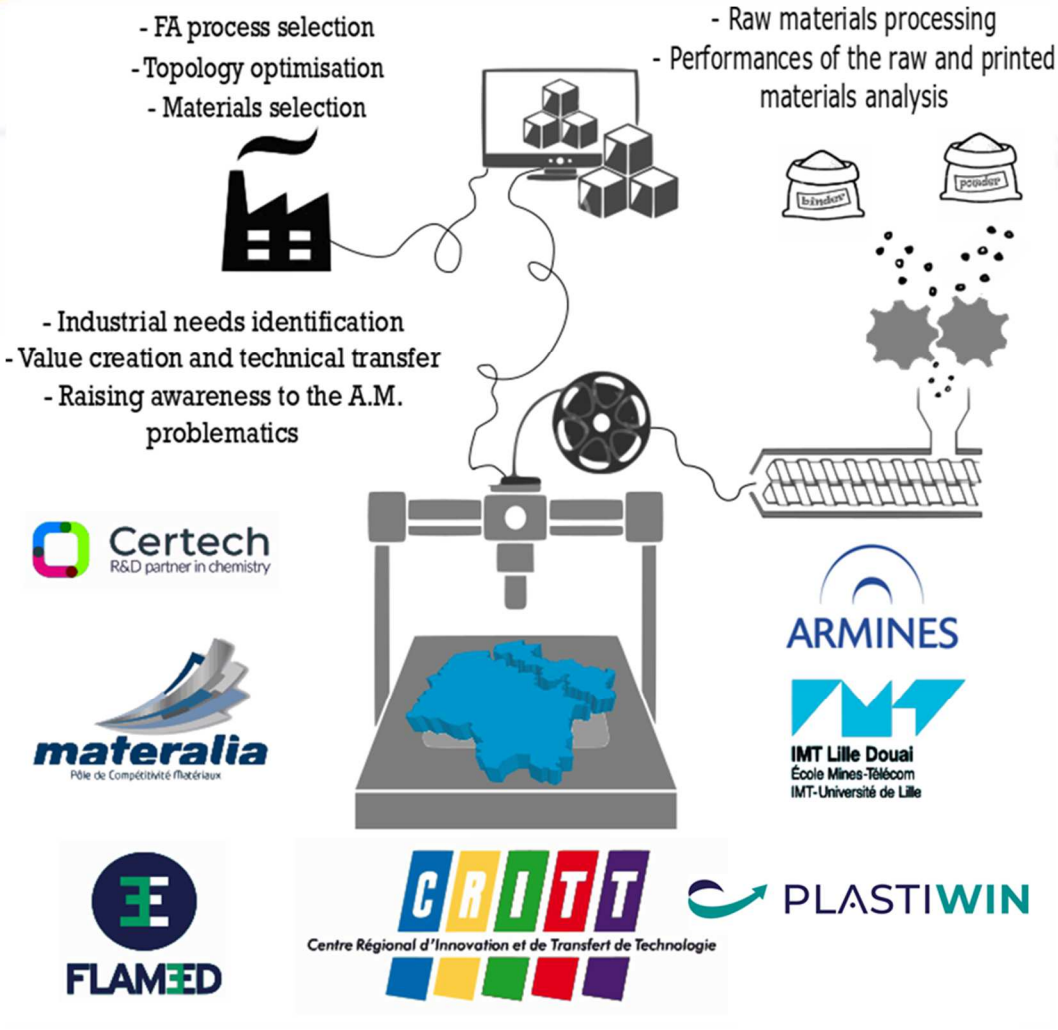
To boost the cross-border potential of additive manufacturing processes

The objective is to give a creative approach to developing the potential of our industrial fabric through additive manufacturing processes for technical polymers and/or filled polymers.

Our main ambition is to extend the possibilities of additive manufacturing processes limited to prototyping to new industrial applications such as direct and technical manufacturing with optimized mechanical characteristics close to those of serial polymer processing processes. Indeed, the original idea is to increase the supply of materials that can be used in additive manufacturing processes while providing them with innovative functionalities.

How?

- Develop the various additive manufacturing axes according to industrial expectations (e.g. functionalization, weight reduction of structures, incorporation of loads, etc.),
- Quantify the mechanical properties of thermoplastics according to the type of 3D printing process,
- Raise awareness and promote the results of PEPS research through seminars and demonstrators.



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