



Bioinspired and advanced fibres and materials for sustainable outdoor textiles with biomimetic functionalities

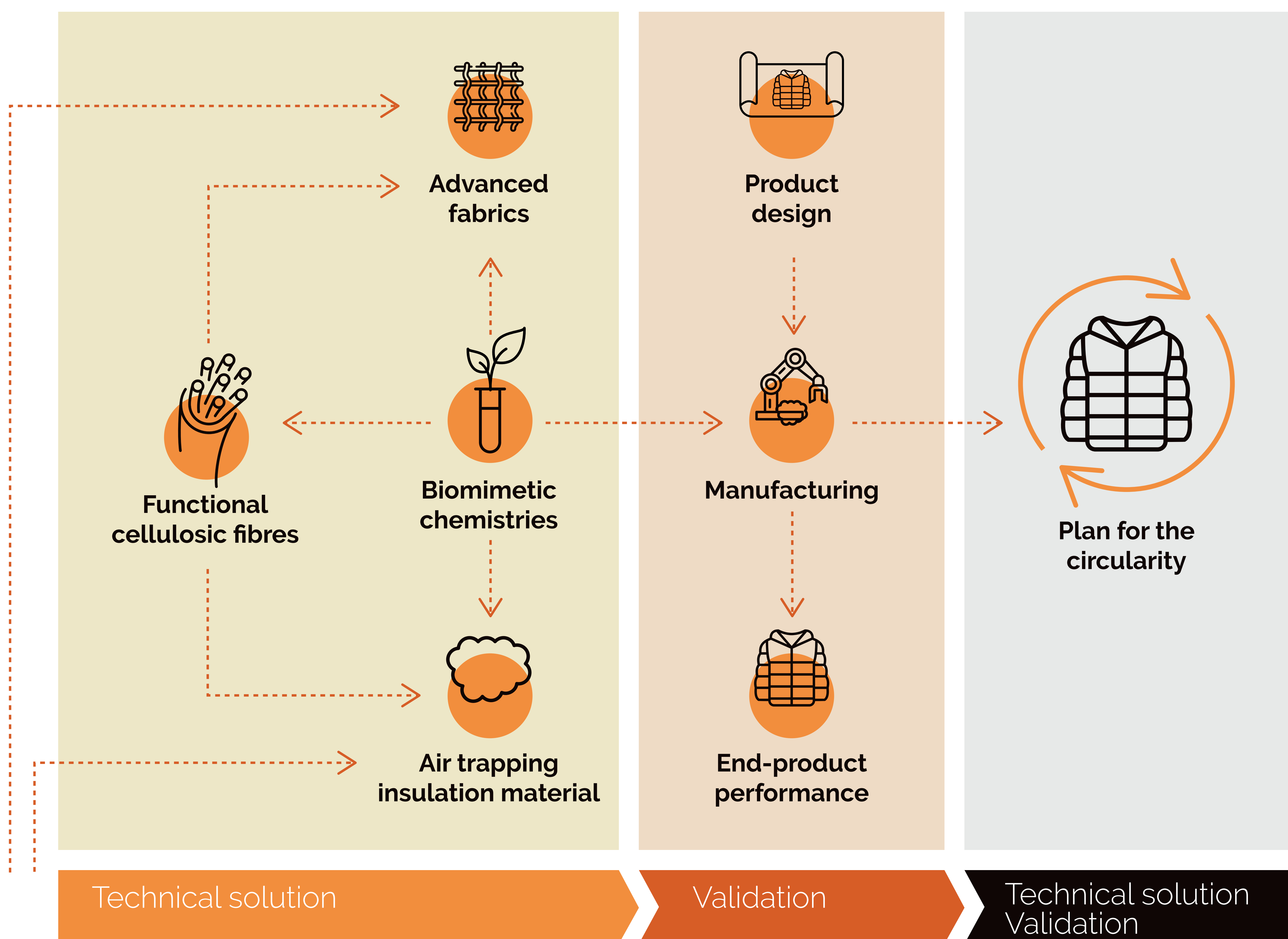
Abstract

PENGUIN is focused on creating sustainable, recyclable insulation materials for outdoor clothing using cellulose-based fibres inspired by penguin's natural protection, aiming to maintain Europe's leadership in the textile sector, reduce environmental impact, and foster circular economy through innovative materials and recycling technologies.

Bio-inspired solutions:

Concept integration:

End-use:



10 partners from 5 countries



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