

New packaging solution for humidity protection

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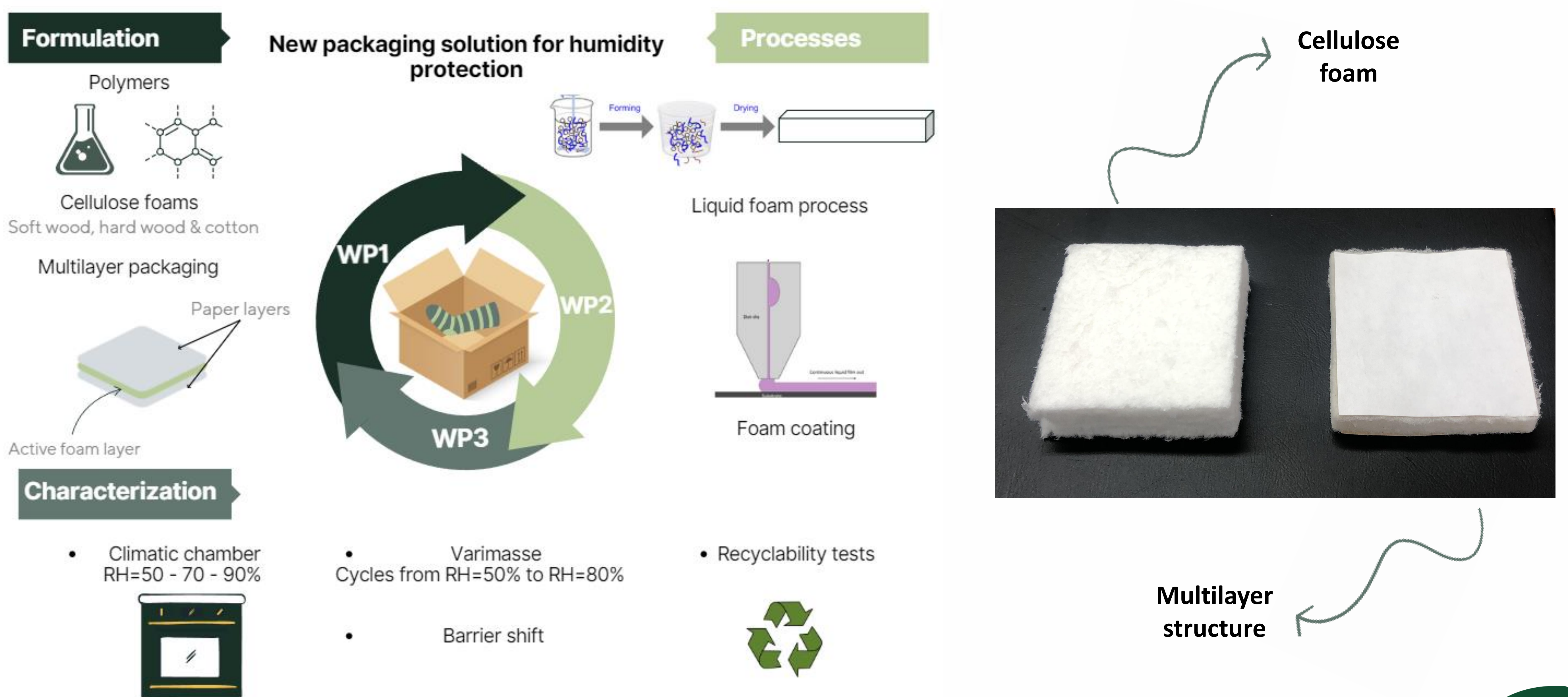
Cellulose Valley

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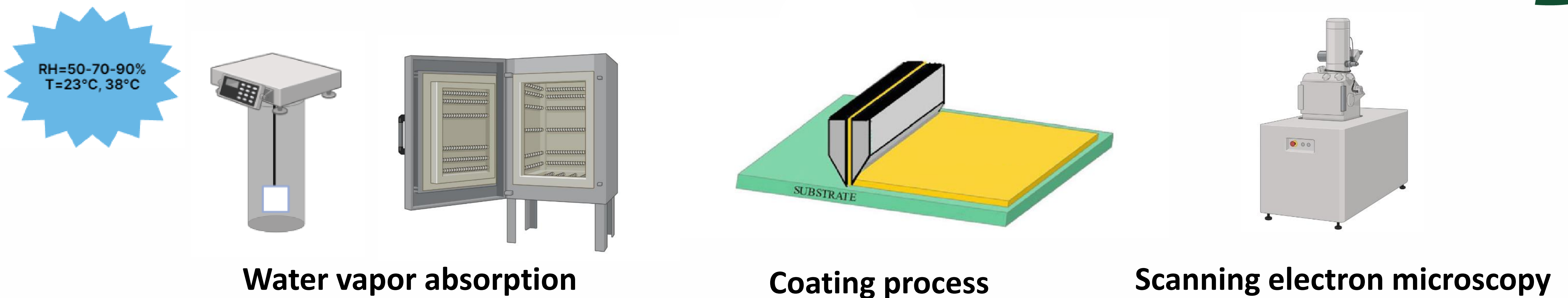


Context

Packaging accounts for 40% of plastic waste. In view of the current ecological situation, this field is therefore arousing great interest. New legislations such as AGEC (anti-waste for a circular economy) and SUP (Single use plastic) laws are motivating companies to find solutions, which must be more respectful of the environment. The aim is to develop a **recyclable** packaging with **high humidity protection** properties.



Material & Methods



Conclusion & perspectives

- ▀ Increase of polymers's and foam's moisture uptake over time at different relative humidities
- ▀ Slower kinetic observed during barrier shift tests



- ▀ Recyclability tests
- ▀ Improve foam coating homogeneity
- ▀ Improve parameters found

