

# New process to bring barrier to molded cellulose tray

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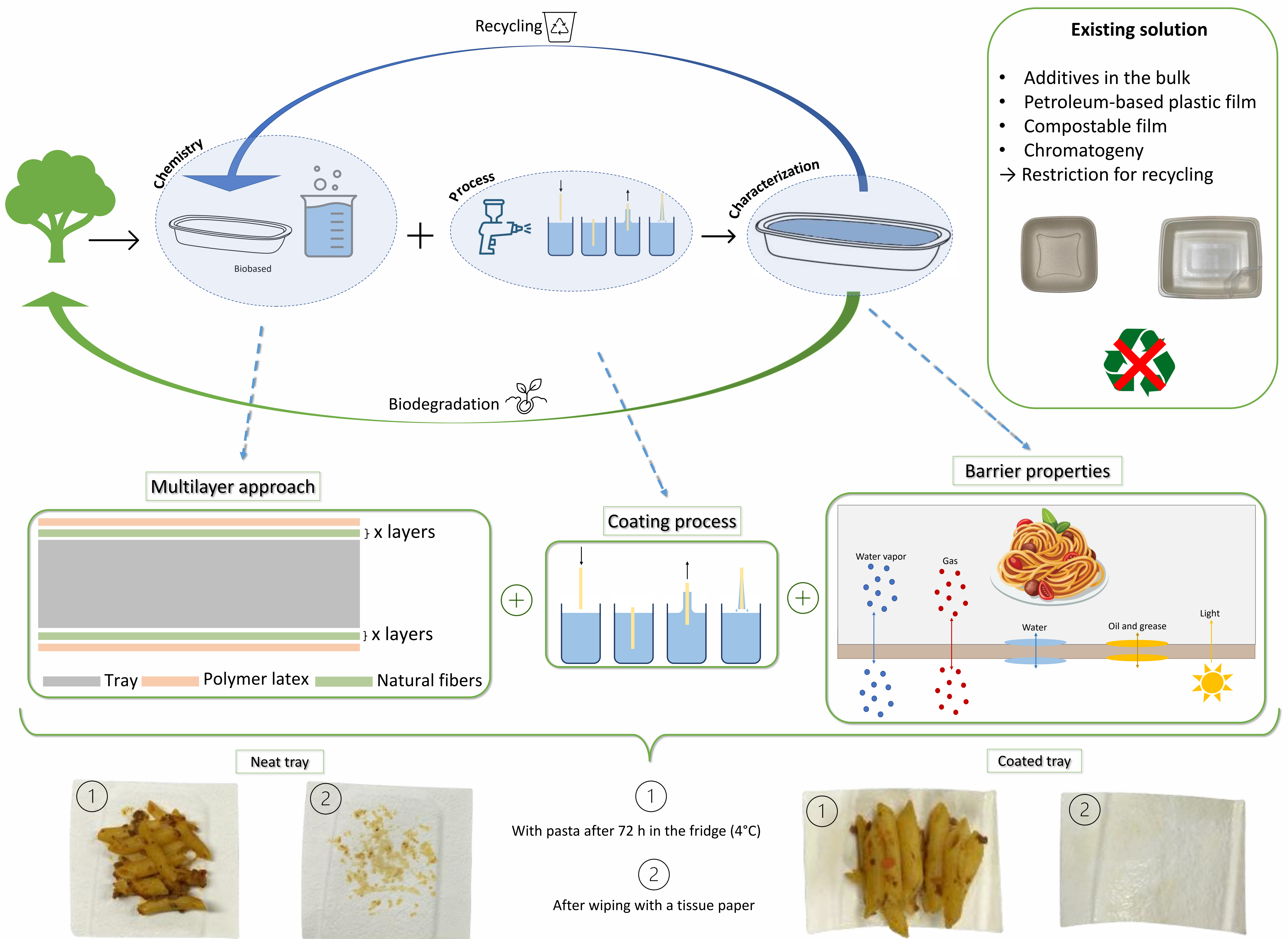
Cellulose Valley

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## Abstract - Demonstrator

Nowadays, 40% of the worldwide plastic production is used for packaging. For this reason, the Single Use Plastic European directive ban some consumable objects in plastic, such as trays. New companies produce molded cellulose trays which may be an interesting alternative to some plastic ones. The objective is to develop **cellulosic tray for collective catering with high barrier properties that can be recycled**.



## Conclusions and perspectives

- Resistance to water and oil after test in real condition
- Good barrier to oil and water
- Low air permeability

- Recycling test following Aticelca norm
- Food contact test and thermal stability
- Investigate bio-based coatings

- Abrasion test
- Sealability
- Scale up the process

## References

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