

TOSCA 101191394
Manufacturing Processes and Digital **To**ols for more **S**ustainable **C**omposite **A**erostructures

Deliverable D2.2: "Recyclability and Circularity Concepts – Summary"

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SEN	Sensitive information	X

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SUMMARY

This Deliverable outlines how to achieve circularity for the materials and components that will be developed within the project. On one hand, the recycling process for the vitrimer composite and the associated circularity concept have been defined; activities focused on establishing recycling requirements from a technical perspective. Additionally, economic, logistical, and certification aspects have been identified and will be analyzed in greater detail as the recycling process is further defined. On the other hand, information regarding the end-of-life (EoL) and current life cycle assessment (LCA) data for the internally manufactured aerostructures has been provided; this information will serve as a baseline for the update to be conducted at the project's conclusion, based on the results obtained.