ADV MAT303 – Sustainability in design plan

OGL National Composite Centre 2022
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Measuring sustainability at the design stage

Subsection	Content	Aims
Sustainability and circularity in design	• The role of sustainability and circularity in design • Design for sustainability approaches	• Understand how design for sustainability can be applied
Application of life cycle thinking	• Practical application of life cycle thinking • Application of the MET matrix	• Apply basic principles of life cycle thinking in product design
Application of life cycle assessment (LCA)	• Introduction to life cycle assessment • Application of life cycle assessment • Interpretation of life cycle assessment studies	• Understand basics of life cycle assessment • Understand some of the methodological challenges which arise from LCA • Interpret LCA studies

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