

## Day 1: Introduction to LCA and eToolLCD

Open to: Freelancer, Consultant, Researcher and Specialist subscribers

Training Topic	Learning Outcomes	Estimated Time
Introduction	Aims of eToolLCD software, Tool history	10 Minutes
LCA basics	Gain introductory exposure to the procedures, standards and best practice guidelines for LCA	30 Minutes
eToolLCD software basics	View and Edit your Profile Understand and the eToolLCD project Heirarchy Find Help Create a project: <ul style="list-style-type: none"> <li>• Details</li> <li>• Life Cycle Modules</li> <li>• Indicators</li> <li>• Site Attributes</li> </ul> Create a Structure: <ul style="list-style-type: none"> <li>• Structure Info</li> <li>• Construction Scope</li> <li>• Energy and Water Scope</li> </ul> Create a Design: <ul style="list-style-type: none"> <li>• Design Life Calculator</li> <li>• Adding / Editing Functions</li> </ul> Add a Material Element to a design <ul style="list-style-type: none"> <li>• Edit Material</li> <li>• Edit Transport</li> </ul>	30 Minutes



	<ul style="list-style-type: none"> <li>Edit Disposal Method</li> <li>Edit product lifespan</li> <li>Reference an Element</li> </ul> <p>Add an Operational Energy or Water Element to a Design            Add an Equipment Element to a Design            Add a Templates to a design</p>	
Model Quick Building	<p>View eToolLCD in action (Trainer demonstrates 10 minute LCA with Studio Unit Example Building)            Navigate through a design</p> <ul style="list-style-type: none"> <li>Categories Tab</li> <li>Templates Tab</li> <li>EPDs</li> </ul> <p>View / Adjust Design Details            View EN15978 Results</p>	30 Minutes
Check the Design (Inventory Accuracy)	<p>Attach Docs to a Design to Aid Repeatability            View Data Quality Checks            View and Action Alerts</p>	15 Minutes
Templates	<p>Understand the purpose of the template library            View and search templates            Create New Template            Clone and Adjust and Existing Template            Check Alerts            Validate a Template</p>	20 Minutes
Advanced eToolLCD features	<p>Create and Edit Nested Templates            Create EPDs            Create Quantity Expressions</p>	45 Minutes





# eToolLCD Training Course Content

## Day 2: Consultant eToolLCD Training

Open to: Consultant, Researcher and Specialist subscribers

Training Topic	Learning Outcomes	Estimated Time
Low Carbon Design Principles	Understand the Importance of Early Design Input Understand the role functionality and design life plays in low carbon designs	15 Minutes
Recording improvement strategies	Clone your design to create an “Improved Design” Drill Down to Determine the Environment Hot Spots Record recommendations to establish an audit trail of changes <ul style="list-style-type: none"> <li>• Low Carbon Materials (and the thermal mass trade off)</li> <li>• Assembly, transport and travel impacts</li> <li>• Recurring impacts (maintenance)</li> <li>• Operational Energy Efficiency</li> <li>• Water</li> <li>• Renewable Energy</li> </ul>	75 Minutes
Essential LCA Reporting	Creat and Interpret: <ul style="list-style-type: none"> <li>• Top Impacts Report</li> <li>• LCA Report</li> <li>• Summary Impacts verse Life Cycle Phase Report (EN15978 Compliant)</li> </ul>	45 Minutes
Submitting for Certification	Self Check your Design Submit for Certification Understand the Certification Workflow	15 Minutes
Consultant Exam	Prove Competency in eToolLCD	30 Minutes





# eToolLCD Training Course Content

## Day 3: Specialist eToolLCD Training

Open to: Specialist subscribers only

Training Topic	Learning Outcomes	Estimated Time
Validating templates		
Full report suite training		
Example LCAs (Residence, Office, Infrastructure)		
Life Cycle Cost (LCC) modelling in eToolLCD		
Target setting models for early stage design brief feedback		

