LIFE CYCLE ASSESSMENT TRAINING SERIES

MELBOURNE
8 Nov | LCA Workshop (half-day)
8-9 Nov | LCA Training (2 days)

SYDNEY
15 Nov | LCA Workshop (half-day)
15-16 Nov | LCA Training (2 days)
Assessing the environmental impact of products over their whole life is becoming a critical issue for designers, manufacturers, marketers and most importantly consumers. By understanding the impacts from “cradle to grave” you can:

- Identify relevant impact assessment implications
- Design better products through process improvement
- Compare impacts of different products
- Confirm environmental product marketing messages

Interested in Life Cycle Assessment?

Good Environmental Choice Australia (GECA) are proud to announce the Life Cycle Assessment Training Series in Melbourne and Sydney in November 2012, with our delivery partner, RMIT’s Centre for Design.

Course Descriptions

LCA Workshop (half-day)

**Understanding Life Cycle Assessment; Principles and Objectives**

This workshop is targeted at those who are interested in understanding more about Life Cycle techniques e.g. Life Cycle Assessment and Life Cycle management, the benefits of LCA from a product and marketing perspective and the key processes in conducting the assessment.

**Outcomes**

At the end of the ½ day workshop participants will have the ability to understand Life Cycle concepts and the relationship to product and process improvement and environmental impact.

LCA Training (2 days)

**Understanding Life Cycle Assessment and Effectively Managing an LCA Project**

This course is appropriate for those professionals who will be active in scoping and managing an LCA project to ensure appropriate outcomes.

**Outcomes**

At the end of the 2-day course participants will have the ability to:
- Understand Life Cycle concepts, certification schemes, standards and tools
- Commission a successful Life Cycle Assessment project
- Communicate and market Life Cycle messages
- Understand the link between Life Cycle principles and effective product decisions

**Who should attend?**

Brand Managers, Project Managers, Technical Managers, Designers, Marketers and hands on CEO’s and MD’s, across a broad range of industries. Key stakeholders in organisations who are involved in the Life Cycle Assessment of products and services.

**Materials supplied**

Participants will be supplied with a suite of learning materials.

**Materials to bring**

Laptop, tablet, iPad or smart phone.
## Agenda

### LCA Workshop / LCA Training

**DAY 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>8.00 am</td>
<td>Arrival &amp; registration Tea &amp; Coffee</td>
</tr>
<tr>
<td>8.30 am</td>
<td><strong>Understanding Life Cycle concepts</strong></td>
</tr>
<tr>
<td></td>
<td>• Life Cycle thinking</td>
</tr>
<tr>
<td></td>
<td>• LCA approaches and relevant international standards</td>
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<td></td>
<td>• LCA and ecotags</td>
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<tr>
<td>10.30 am</td>
<td>Morning Tea</td>
</tr>
<tr>
<td>10.45 am</td>
<td>Life Cycle approaches</td>
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<tr>
<td></td>
<td>• Strengths and weaknesses</td>
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<tr>
<td></td>
<td>• LCA project needs; perspectives from practitioners and commissioners</td>
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<tr>
<td></td>
<td>• LCA tools</td>
</tr>
<tr>
<td>12.30 pm</td>
<td>Lunch</td>
</tr>
<tr>
<td></td>
<td>LCA Workshop attendees depart after lunch</td>
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<tr>
<td>1.15 pm</td>
<td>Commissioning a LCA project</td>
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<tr>
<td></td>
<td>• Defining the project</td>
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<tr>
<td></td>
<td>• Finding an LCA practitioner</td>
</tr>
<tr>
<td>3.00 pm</td>
<td>Afternoon Tea</td>
</tr>
<tr>
<td>3.15 pm</td>
<td>Commissioning a LCA project</td>
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<tr>
<td></td>
<td>• Stakeholder engagement</td>
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<tr>
<td></td>
<td>• Data requirements</td>
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<tr>
<td>4.30 pm</td>
<td>LCA Training concludes</td>
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</tbody>
</table>

### LCA Training

**DAY 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>8.15 am</td>
<td>Arrival Tea &amp; Coffee</td>
</tr>
<tr>
<td>8.30 am</td>
<td><strong>Effectively communicating LCA results</strong></td>
</tr>
<tr>
<td></td>
<td>• Regulatory framework for environmental claims</td>
</tr>
<tr>
<td></td>
<td>• Translating LCA results into actions</td>
</tr>
<tr>
<td>10.30 am</td>
<td>Morning Tea</td>
</tr>
<tr>
<td>10.45 am</td>
<td>Understanding claims and product declarations</td>
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<tr>
<td></td>
<td>• Limitations of environmental claims</td>
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<tr>
<td></td>
<td>• Creating environmental product declarations</td>
</tr>
<tr>
<td>12.30 pm</td>
<td>Lunch</td>
</tr>
<tr>
<td>1.15 pm</td>
<td>Improving decision making</td>
</tr>
<tr>
<td></td>
<td>• The role of LCA in process improvement</td>
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<td></td>
<td>• Life Cycle costing and social assessment</td>
</tr>
<tr>
<td>3.00 pm</td>
<td>Afternoon Tea</td>
</tr>
<tr>
<td>3.15 pm</td>
<td>Course summary and key learnings</td>
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<tr>
<td></td>
<td>• Multi criteria assessment</td>
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<tr>
<td></td>
<td>• LCA review</td>
</tr>
<tr>
<td>4.30 pm</td>
<td>LCA Training concludes</td>
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**Continuing Professional Development**

The [Green Building Council of Australia](https://gbca.org.au) and [The Australian Institute of Architects](https://architecture.com.au) will both be offering 3 CPD points for attendance at the half-day workshop and 12 CPD points for attendance at the 2 day training course. To register for CPD points go to [www.gbca.org.au](https://gbca.org.au) or [www.architecture.com.au](https://architecture.com.au).

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**Fees**

<table>
<thead>
<tr>
<th></th>
<th>GECA Licensees / Members</th>
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<tbody>
<tr>
<td>LCA Workshop - Half-day</td>
<td>$375 (incl GST)</td>
</tr>
<tr>
<td>LCA Training - 2 Days</td>
<td>$1,850 (incl GST)</td>
</tr>
<tr>
<td>A 10% discount offered to GECA Members &amp; Licensees.</td>
<td>$337.50 (incl GST)</td>
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**Booking**

- 02 9699 2850
- info@geca.org.au

**Payments & Refunds Policy:**

- All registrations to be made/ paid online. A purchase order option is available for all GECA licensees. To discuss payment options, contact the GECA team on (02) 9699 2850 or info@geca.org.au
- Notification of transfers must be made in writing not less than 5 working days prior to LCA Training.
- Cancellations should be made in writing and can only be made 10 days prior to LCA Training. 50% of payments will be refundable.
- If you are unable to attend you may send a colleague. The full fee is payable for non-attendance.
- If the minimum number of enrolments are not met, GECA reserve the right to cancel the LCA Training Series.
Melbourne CBD
LCA Training Series

Thurs 8 Nov | LCA Workshop (half-day)
Understanding Life Cycle Assessment: Principles and Objectives
Time: 8am registration and 1.15pm finish. Fee includes morning tea and gourmet lunch.

Thurs 8 - Fri 9 Nov | LCA Training (2 days)
Understanding Life Cycle Assessment and Effectively Managing an LCA project
Time: 8am registration and 4.30pm finish. Fee includes morning/afternoon tea, gourmet lunch and refreshments.

Where: Melbourne Museum | Treetops
Address: 11 Nicholson Street, Carlton, Victoria, 3053

Course Presenters:
Dr. Enda Crossin, RMIT University
Simon Lockrey, RMIT University
Martin Searle, Good Environmental Choice Australia

Transport Options
Plan your trip using Metlink’s Journey Planner. Transport options include:

- Tram 86 or 96 to the corner of Nicholson and Gertrude Streets
- Free City Circle Tram to Victoria Parade
- City loop train to Parliament Station
- Bus routes 250, 251 and 402 to Rathdowne Street
- Free City of Melbourne Tourist Shuttle Bus to stop No. 4
- Bike lanes on Rathdowne St and Canning St, also shared pedestrian/bike path on Nicholson St.
- Bicycle racks on the Plaza side near main entrance.
- Competitively priced undercover car park, open from 6.00am to midnight daily. Enter via Rathdowne Street or Nicholson Street.
Sydney CBD
LCA Training Series

**Thurs 15 Nov | LCA Workshop (half-day)**

**Understanding Life Cycle Assessment: Principles and Objectives**

**Time:** 8am registration and 1.15pm finish. Fee includes morning tea and gourmet lunch.

**Where:** Doltone House | Darling Island Wharf (opp The Star Casino)
Sustainable building (Green Star rating - 6 Star)

**Address:** Ground Floor Accenture Building, 48 Pirrama Rd, Pyrmont, NSW 2009

**Course Presenters:**
Mehdi Hedayati, RMIT University
Simon Lockrey, RMIT University
Martin Searle, Good Environmental Choice Australia

**Accommodation**
Discounts may be available through The Star (Astral Tower or The Darling) or Accor Hotels (Novotel or Ibis Sydney) by quoting Doltone House. Subject to availability, booking essential.

**Transport Options**
Plan your trip using Transport Infoline. Transport options include:
- Take the Sydney Light Rail to The Star Casino stop. Services every 10-15min, 24 hours a day.
- Catch a train to Central (then take the Light Rail) or Town Hall and enjoy the walk across the Pyrmont Bridge via Darling Harbour.
- Bus routes 501 (to Harris St), 443 or 448 (to Pirrama Rd) regularly departing Circular Quay or QVB York St.
- Bike lanes on Union St and Pirrama Road. Bike racks available near Doltone House.
- Discounted rates at Wilson Jones Bay Wharf Car Park by quoting Doltone House, then a short stroll to Darling Island Wharf.

**Thurs 15 - Fri 16 Nov | LCA Training (2 days)**

**Understanding Life Cycle Assessment and Effectively Managing an LCA project**

**Time:** 8am registration and 4.30pm finish. Fee includes morning/afternoon tea, gourmet lunch and refreshments.

**Where:** Doltone House | Darling Island Wharf (opp The Star Casino)
Sustainable building (Green Star rating - 6 Star)

**Address:** Ground Floor Accenture Building, 48 Pirrama Rd, Pyrmont, NSW 2009
About Our Presenters

**Dr. Enda Crossin**
Program Director – Life Cycle Assessment, Centre for Design, RMIT University  
B.E. Manufacturing and Materials Engineering (University of Queensland)  
PhD Materials Engineering (University of Queensland)

Dr. Enda Crossin has extensive experience in undertaking and applying LCA to a diverse range of industries including transport, built environment, water and packaging sectors. He is actively involved in the development of LCA tools. He has worked as a materials engineer in the commercial sector in the rail, automotive, consulting and gas processing industries. His role at the RMIT University includes managing, supervising and undertaking Life Cycle Assessment projects and teaching at the undergraduate and professional levels.

**Mehdi Hedayati**
B.E. Oil and Gas Engineering (Shiraz University, Iran)  
M.Eng. Water and Wastewater Engineering (Victoria University)  
M.Man. Pulp and Paper Manufacturing (Monash University)  
M. Eng. Petro-chemical Engineering (Shiraz University, Iran)  
PhD Candidate (RMIT University)

Mehdi has over 13 years’ experience in sustainability engineering and has worked on international environmental projects including United Nations sponsored initiatives. He has contributed to the design and feasibility assessment of several major waste and biomass energy projects and has a strong understanding of national environmental programs and initiatives.

**Simon Lockrey**
Research Fellow – Sustainable Products and Packaging, Centre for Design, RMIT University  
B.E. Product Design, Hons (Swinburne University)

Simon is a Research Fellow in the Sustainable Products and Packaging team at the Centre for Design at RMIT. His work at the Centre primarily focuses on bringing practical experience to sustainability projects. He has worked as a Product Design Engineer in Australia and Europe for almost a decade, crossing a large range of industries, including design consultancies, leading commercial interior furniture manufacturers and multinational appliance companies. Simon's products have been both 'small run' and 'mass produced' and his roles have covered all stages of the design process.

**Martin Searle**
Interim CEO, Good Environmental Choice Australia  
BA, Sociology/Politics  Macquarie University  
Dip Post Law, Sydney University

Martin has extensive experience managing professional services (SAI-Global) and has expertise in business improvement, strategy and human resources. He is a former Director of the International Personal Certification Association (IPC) and Australia’s representative to the Global Excellence Network. He has lead the development of GECAs Life Cycle Assessment services.

**Booking**
To book go to www.geca.org.au/lcatraining  
02 9699 2850  
info@geca.org.au

Want to know more about our LCA Training Series contact the GECA team:  
**Good Environmental Choice Australia**
Suite G01, 15 Belvoir Street  
Surry Hills NSW 2010  
Ph: (02) 9699 2850  info@geca.org.au

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twitter.com/goodenvchoice