Empowering Sustainability Leaders in India

Capacity Building Workshop Series
by ecoinvent & Quantis

INDIA
November 19 – December 1, 2015

Workshop overview

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
November	16	17	18	19 **Ahmedabad** The need for and opportunities in sustainability	20	21	22
	23	24 **Bangalore** The need for and opportunities in sustainability	25	26 **Hyderabad** LCI modeling and regionalized data	27 **Hyderabad** Providing data to the ecoinvent database	28	29
	30 **New Delhi** The need for and opportunities in sustainability	**December** 1 **New Delhi** LCI modeling and regionalized data	2	3	4	5	6

Target Audience: Industry representatives / Policy Makers | LCA Practitioners | LCA Practitioners / Data Providers

Programme, dates and venues are detailed in the pages below.

Creating sustainable added value in organizations - Ahmedabad

Date and city:	19. November, Ahmedabad
Target audience:	Industry representatives and policy makers
Venue:	Mahatma Mandir, Gandhi Nagar

Time - Start	End	Topic	Speaker
11:00 AM	**11:30 AM**	**Registration**	
11:30 AM	11:35 AM	**Welcome**	CII
11:35 AM	11:40 AM	**Address**	Amir Safaei/ Ecoinvent
11:40 AM	11:50 AM	**Presentation of the workshop programme, aims and general project**	Andrea Del Duce/ Quantis
11:50 AM	12:10 PM	**Address by Guest of Honour**	Mr Hardik Shah, IAS * Member Secretary, Gujarat Pollution Control Board*
12:10 PM	12:15 PM	**Concluding remarks**	CII
12:15 PM	12:30 PM	**Health Break**	
12:30 PM	1:15 PM	**Sustainability Assessment - Creating value beyond reporting** - Introduction to life cycle thinking - Why LC applications are useful for companies and policy making - Examples of how to use quantitative goals to focus the sustainability work	Andrea Del Duce/ Quantis
1:15 PM	1:45 PM	**Current LCA activities in India**	CII
1:45 PM	**2:45 PM**	**Lunch Break**	
2:45 PM	3:15 PM	**How can LCT support innovation? Need for international cooperation on data.**	Anne Claire Asselin/ UNEP
3:15 PM	4:15 PM	**A special example of LCA and communication: playing the LCP game**	Andrea Del Duce/ Quantis
4:15 PM	4:30 PM	**Lessons learned from companies in India - Case report 1**	Sonavane/ Mahindra Sanyo
4:30 PM	**4:45 PM**	**Health Break**	
4:45 PM	5:15 PM	**How LCA can support policy making and a sustainable industry** Examples of international initiatives: - PEF in the EU - The case of biofuels in Switzerland	Andrea Del Duce/ Quantis
5:15 PM	5:45 PM	**Introduction to Ecoinvent** - Why background data is needed - Strengths of Ecoinvent - Importance of regionalization - Data collection activities of Ecoinvent in India	Amir Safaei/ Ecoinvent
5:45 PM	6:15 PM	**Panel discussion/ Q&A: How to get started?**	All together
6:15 PM		**End**	

Creating sustainable added value in organizations - Bangalore

Date and city:		24. November, Bangalore	
Target audience:		Industry representatives and policy makers	
Venue:		Fortune Park JP Celestial, Bangalore	

Time - Start	End	Topic	Speaker
9:00 AM	**9:30 AM**	**Registration**	
9:30 AM	9:35 AM	**Welcome**	CII
9:35 AM	9:40 AM	**Address by Guest of Honour**	Amir Safaei/ ecoinvent
9:40 AM	9:50 AM	**Presentation of the workshop programme, aims and general project**	Andrea Del Duce/ Quantis
9:50 AM	10:10 AM	**Address by Guest of Honour**	Mr Ramachandra, IFS * Chairman, Karnataka Pollution Control Board Member Secretary, Gujarat Pollution Control Board* (to be confirmed)
10:10 AM	10:15 AM	**Concluding remarks**	CII
10:15 AM	10:30 AM	**Health Break**	
10:30 AM	11:15 AM	**Sustainability Assessment - Creating value beyond reporting** - Introduction to life cycle thinking - Why LC applications are useful for companies and policy making - Examples of how to use quantitative goals to focus the sustainability work	Andrea Del Duce/ Quantis
11:15 AM	11:45 AM	**Current LCA activities in India**	CII
11:45 AM	12:30 PM	**A special example of LCA and communication: playing the LCP game**	Andrea Del Duce/ Quantis
12:30 PM	**1:30 PM**	**Lunch Break**	
1:30 PM	2:00 PM	**How can LCT support innovation? Need for international cooperation on data.**	Anne Claire Asselin/ UNEP
2:00 PM	2:15 PM	**Lessons learned from companies in India - Case report 1**	Dr Ashok Menon, SABIC
2:15 PM	2:30 PM	**Lessons learned from companies in India - Case report 2**	Utsav Tayade, Mahindra Sanyo
2:30 PM	3:00 PM	**How LCA can support policy making and a sustainable industry** Examples of international initiatives: - PEF in the EU - The case of biofuels in Switzerland	Andrea Del Duce/ Quantis
3:00 PM	**3:15 PM**	**Health Break**	
3:15 PM	3:45 PM	**Introduction to Ecoinvent** - Why background data is needed - Strengths of Ecoinvent - Importance of regionalization - Data collection activities of Ecoinvent in India	Amir Safaei/ Ecoinvent
3:45 PM	4:15 PM	**Types of LCA and communication**	Andrea Del Duce/ Quantis
4:15 PM	4:45 PM	**Panel discussion/ Q&A: How to get started?**	All together
4:45 PM		**End**	

The Ins and Outs of LCI modelling and regionalized data - Hyderabad

Date and city:	**26. November, Hyderabad**
Target audience:	**LCA practitioners**
Venue:	**Sohrabji Godrej Green Business Centre**

Time - Start	End	Topic	Speaker
9:00 AM	**9:30 AM**	**Registration**	
9:30 AM	9:40 AM	**Welcome**	CII/ Amir Safaei Ecoinvent
9:40 AM	9:45 AM	**Presentation of the Workshop - Programme**	Andrea Del Duce / Quantis
9:45 AM	10:45 AM	**Basics of inventory data and the need for regionalized data:** What is LCI Difference between foreground and background data Different forms of how to model inventory data (Bottom-up, top-down, hybrid) Difference between unit and system process Overview existing LCI databases Examples of data with regional relevance	Andrea Del Duce / Quantis
10:45 AM	11:00 AM	**Level of detail of inventory data - Data collection and goal dependence**	Andrea Del Duce / Quantis
11:00 AM	**11:15 AM**	**Health Break**	
11:15 AM	11:45 AM	**Ecoinvent - Introduction, activities, key message:** Key features of ecoinvent Main data sectors and regions covered How to use it (availability, link to software, etc.) Planned activities - overview about the Ecoinvent data collection calls in India	Amir Safaei/ Ecoinvent
11:45 AM	12:15 PM	**Availability of India-specific LCI data and activities:** Available data, initiatives and data needs	CII
12:15 PM	12:30 PM	**Industry case study 1**	Vinay/ Godrey
12:30 PM	12:45 PM	**Industry case study 2**	Sheba/ ITC (To be confirmed)
12:45 PM	**1:45 PM**	**Lunch break**	
1:45 PM	2:15 PM	**Creating a complete dataset:** Data collection Calculation Linking to background Missing data Documentation	Andrea Del Duce / Quantis
2:15 PM	3:00 PM	**An ecoinvent dataset** -Geographies, parent/child -Data properties -Quality assessment -Mechanism of data submission	Amir Safaei/ Ecoinvent
3:00 PM	**3:15 PM**	**Health Break**	
3:15 PM	4:00 PM	**Key aspects in data modelling: adaptation and regionalization:** Tips and tricks in LCI modelling: transport, energy, agriculture	Andrea Del Duce / Quantis
4:00 PM	4:30 PM	**Special cases: water footprint and carbon footprint**	Andrea Del Duce / Quantis
4:30 PM	5:00 PM	**Wrap-up, Q&A, panel discussion**	ALL
5:00 PM		**End**	

Modelling and submitting data to the ecoinvent database - Hyderabad

Date and city:		27. November, Hyderabad	
Target audience:		Data providers	
Venue:		Sohrabji Godrej Green Business Centre	

Time - Start	End	Topic	Speaker
9:00 AM	**9:30 AM**	**Registration**	
Part I: Basics of inventory data			
09:30	09:40	**Welcome**	Amir Safaei/ Ecoinvent
09:40	09:45	**Presentation of the Workshop - Programme**	Andrea Del Duce/ Quantis
09:45	10:00	**Introduction Round**	all
10:00	10:15	**Ecoinvent: Data collection activities in India** Data calls structure Sectors Application procedure	Amir Safaei/ Ecoinvent
10:15	11:00	**Ecoinvent v3 - Introduction** The ecoinvent database Available datasets Regionalisation GLO and regional datasets Properties Markets Documentation	Amir Safaei/ Ecoinvent
11:00	**12:00**	**Health Break**	
12:00	13:15	**ecoeditor workshop - part 1** Introduction to ecoeditor and data submission Hands on example	Amir Safaei/ Ecoinvent
13:15	**14:15**	**Lunch Break**	
14:15	17:15	**ecoeditor workshop - part 2** Hands on example	Amir Safaei/ Ecoinvent
17:15		**End**	

Creating sustainable added value in organizations - New Delhi

Date and city:		30. November, New Delhi
Target audience:		Industry representatives and policy makers
Venue:		Gulmohar Hall, India Habitat Centre, New Delhi

Time - Start	End	Topic	Speaker
9:00 AM	10:00 AM	Registration	
10:00 AM	10:05 AM	Welcome	CII
10:05 AM	10:10 AM	Address Ecoinvent	Amir Safei/ Ecoinvent
10:10 AM	10:20 AM	Presentation of the workshop programme, aims and general project	Andrea Del Duce/ Quantis
10:20 AM	10:30 AM	Opening remarks	Mr. Siamak Rohani, Counsellor and Head, Economic and Commercial Section, Embassy of Switzerland
10:30 AM	10:40 AM	Special Address	Mr Shatrughna Singh Additional Secretary Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Govt. of India (To be confirmed)
10:40 AM	10:50 AM	Special Address	Mr Arun Kumar Mehta, IAS * Chairman, Central Pollution Control Board (To be confirmed)
10:50 AM	11:00 AM	Special Address	Mr Ashok Pavadia Additional Secretary & Adviser, Inter State Council Secretariat, Ministry of Home Affairs, Govt. of India
11:00 AM	11:20 AM	Address by guest of honour	Joint Secretary * Ministry of Environment, Forest and Climate Change, Govt. of India (To be confirmed)
11:20 AM	11:25 AM	Concluding remarks	CII
11:25 AM	11:40 AM	Health Break	
11:40 AM	12:25 PM	Sustainability Assessment - Creating value beyond reporting - Introduction to life cycle thinking - Why LC applications are useful for companies and policy making - Examples of how to use quantitative goals to focus the sustainability work	Andrea Del Duce/ Quantis
12:25 PM	12:55 PM	Current LCA activities in India	CII
12:55 PM	1:40 PM	A special example of LCA and communication: playing the LCP game	Andrea Del Duce/ Quantis
1:40 PM	2:40 PM	Lunch break	
2:40 PM	3:10 PM	How can LCT support policy making? Need for international cooperation on data.	Llorenç Milà i Canals/ UNEP
3:10 PM	3:30 PM	Lessons learned from companies in India - Case study	Abhay Pathak/ Tata Motors
3:30 PM	4:00 PM	How LCA can support policy making and a sustainable industry Examples of international initiatives: - PEF in the EU - The case of biofuels in Switzerland	Andrea Del Duce/ Quantis
4:00 PM	4:15 PM	Health Break	

4:15 PM	5:00 PM	**Introduction to ecoinvent** -Why background data is needed -Strengths of ecoinvent -Importance of regionalization -Data collection and activities in India	Amir Safaei/ Ecoinvent
5:00 PM	5:30 PM	**Panel discussion/ Q&A: How to get started?**	All together
5:30 PM		**Tea/ Coffee & Close**	
12:00 AM		**End**	

The Ins and Outs of LCI modelling and regionalized data - New Delhi

Date and city: 1. December, New Delhi

Target audience: LCA practitioners

Venue: Gulmohar Hall, India Habitat Centre, New Delhi

Time - Start	End	Topic	Speaker
9:00 AM	**9:30 AM**	**Registration**	
9:30 AM	9:40 AM	**Welcome**	CII/ Ecoinvent
9:40 AM	9:45 AM	**Presentation of the Workshop - Programme**	Andrea Del Duce / Quantis
9:45 AM	10:45 AM	**Basics of inventory data and the need for regionalized data:** What is LCI Difference between foreground and background data Different forms of how to model inventory data (Bottom-up, top-down, hybrid) Difference between unit and system process Overview existing LCI databases Examples of data with regional relevance	Andrea Del Duce / Quantis
10:45 AM	11:00 AM	**Level of detail of inventory data - Data collection and goal dependence**	Andrea Del Duce / Quantis
11:00 AM	**11:15 AM**	**Health Break**	
11:15 AM	11:45 AM	**Ecoinvent - Introduction, activities, key message:** Key features of ecoinvent Main data sectors and regions covered How to use it (availability, link to software, etc.) Planned activities - overview about the Ecoinvent data collection calls in India	Amir Safaei/ Ecoinvent
11:45 AM	12:15 PM	**Availability of India-specific LCI data and activities:** Available data, initiatives and data needs	CII
12:15 PM	12:30 PM	**LCI case study 1**	Sandeep/ Malaviya Institute of Technology (To be confirmed)
12:30 PM	12:45 PM	**LCI case study 2**	Local LCI expert2
12:45 PM	**1:45 PM**	**Lunch Break**	
1:45 PM	2:15 PM	**Creating a complete dataset:** Data collection Calculation Linking to background Missing data Documentation	Andrea Del Duce / Quantis
2:15 PM	3:00 PM	**An ecoinvent dataset** -Geographies, parent/child -Data properties -Quality assessment -Mechanism of data submission	Amir Safaei/ Ecoinvent
3:00 PM	**3:15 PM**	**Health Break**	
3:15 PM	4:00 PM	**Key aspects in data modelling: adaptation and regionalisation:** Tips and tricks in LCI modelling: transport, energy, agriculture	Andrea Del Duce / Quantis
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5:00 PM		**End**	