



**UNA Hotel Regina Bari**

SP57, Parco Scizzo-parchitello  
BARI



Co-funded by  
the European Union

## SUMMER SCHOOL on Life Cycle Assessment

September 2-8, 2024  
University of Bari and CIRCC



	September 2 <sup>nd</sup>
17.30	Arrival and registration
19.30	<i>Dinner</i>
	September 3 <sup>rd</sup>
9.00	<i>Opening: Local Authorities (TBC)</i>
9.30-11.00	<b>Silvio Viglia</b>
	LCA: Introduction. Methodological principles and basis characteristics of the method. The role of LCA in environmental policies
11.00 - 11.30	<i>Coffee break</i>
11.30 – 13.00	<b>Lucia Rigamonti</b>
	Standardization and data harmonization. The standards of the ISO 14040 series. The ongoing harmonization activities. Goal and Scope definition: defining functional unit and system boundaries
13.00 - 14.30	<i>Lunch</i>
14.30- 18.00	<b>Giovanni Mondello</b>
	Setting up case studies (biogas/biodiesel). Definition of the goal and scope of the study. The problem of multi-functional systems.
19.30	<i>Dinner</i>
	September 4 <sup>rd</sup>
	<b>Monica Lavagna (online)</b>
9.30-11.00	Data management and quality in LCA. Data and metadata
11.00 - 11.30	<i>Coffee break</i>
11.30 – 13.00	<b>Maurizio Cellura (online)</b>
	Life Cycle Inventory: analysis of process-based and matrix methods.
13.00 - 14.30	<i>Lunch</i>
14.30 - 18.00	<b>Sonia Longo</b>
	Setting up the data collection system. Selection of a process in a database. Setting up the inventory analysis and applying the matrix method. The allocation problem.
18.00 – 20.00	<b>WORKSHOP: Photo2Fuel &amp; DESIRED Project synergies</b>
	Data handling in innovative projects
20.30	<i>Dinner</i>

	September 5 <sup>st</sup>
9.30-11.00	<b>Bruno Notarnicola</b>
	Life Cycle Impact Assessment: indicators and impact methods.
11.00 - 11.30	<i>Coffee break</i>
11.30 – 13.00	<b>Alessandro Mansardo</b>
	Interpretation of results: uncertainty analysis, sensitivity analysis, relevance and contribution analysis. How to set up an LCA report.
13.00 - 14.30	<i>Lunch</i>
14.30- 18.00	<b>Rosa Di Capua</b>
	Application of the LCI and LCIA phases to the case studies.
19.30	<i>Dinner</i>
	September 6 <sup>st</sup>
9.30-11.00	<b>Giacomo Falcone</b>
	An overview of the main software and databases available on the market.
11.00 - 11.30	<i>Coffee break</i>
11.30 – 13.00	<b>Ioannis Arzoumanidis</b>
	Introduction to the use of openLCA software. Installation, features, architecture, functionality.
13.00 - 14.30	<i>Lunch</i>
14.30 – 18.00	<b>Ioannis Arzoumanidis</b>
	Final Test: Development of the course case study with OpenLCA
19.30	<i>Dinner</i>
	September 7 <sup>st</sup>
9.30-13.00	<i>Free time</i>
13.00 - 14.00	<i>Lunch</i>
14.00 – 19.30	<b>Excursion: Visit to an olive oil production plant and Alberobello</b>
20.00	<i>Dinner</i>
	September 8 <sup>st</sup>
12.00	Departure