



Summer School on Green Fuels
EU project CarbonNeutralLNG
Crete, August 27-29th, 2025

Agenda

1st day: Wednesday, August 27th, 2025, 9⁰⁰ – 19⁰⁰ h
2nd day: Thursday, August 28th, 2025, 9⁰⁰ – 18⁰⁰ h
3rd day: Friday, August 29th, 2025, 8³⁰ – 18⁰⁰ h

Location: **Royal & Imperial Belvedere Resort**
8C43+32 Limenas Chersonisou
Crete
GREECE

Virtual Participation: --





List of Partners

	Institute/Company
BOKU	University of Natural Resources and Life Sciences, Vienna
FAU	Friedrich-Alexander-Universität Erlangen-Nürnberg
ELEC	Electrochaea GmbH
NTUA	National Technical University of Athens
DEA	Dieffenbacher Energy GmbH
RINA-C	RINA-C Consulting SpA
UGRAZ	University of Graz
LMU	Ludwig-Maximilians-Universität München
BEST	BEST – Bioenergy and Sustainable Technologies GmbH
BEIC	Baltic Energy Innovation Centre
KN	Klaipėdos Nafta, AB
UofC	University of Calgary

1st Day: Wednesday, August 27th 2025

Time	Session	Speaker	Affiliation
09:00 – 09:30	Welcome & Introduction to the School	Sotirios Karellas	NTUA
09:30 – 10:00	Overview of the CarbonNeutralLNG project	Jakob Müller	FAU
10:00 – 11:30	"Tour de table": Participant Introductions. Pitches for the involvement of the participants with LCA and e-Fuels	All participants	
11:30 – 12:00	Coffee Break		
12:00 – 12:30	Introduction to eFuels & eFuels production pathways	Sotirios Karellas	NTUA
12:30 – 13:00	Hydrogen vs eFuels: Sustainable solutions for the future	Jürgen Karl	FAU
13:00 – 14:30	Lunch Break		
14:30 – 15:00	Biomass Gasification Fundamentals	Florian Benedikt	BOKU
15:00 – 16:00	Biomass & Environmental Life Cycle Assessment (LCA): Canadian Perspectives	Joule Bergerson, Adefarati Oloruntoba	UoC
16:00 – 16:30	LCA of CarbonNeutralLNG Project	Vasiliki Kontou	NTUA
16:30 – 17:00	Coffee Break		
17:00 – 18:00	Introduction to Practical workshop of LCA	Members of CarbonNeutralLNG consortium	
18:00 – 19:00	Group work: Assignment of group tasks	Members of CarbonNeutralLNG consortium	

2nd Day: Thursday, August 28th 2025

Time	Session	Speaker	Affiliation
09:00 – 10:00	Group Discussion, Q&A, Short status presentations of each group	All participants	
10:00 – 10:30	Plenary Talk: Industrial Perspectives from the gas transport side	K. Avraam	DESFA
10:30 – 11:00	Plenary Talk: Industrial Perspectives from the refineries side	K. Chatzifotis	MOH
11:00 – 11:30	Plenary Talk: Industrial Perspectives from the marine sector	E. Koukouloupoulos	DNV
11:30 – 12:00	Coffee Break		
12:00 – 13:00	Practical workshop of LCA (TBD)	Coordinator: NTUA	
13:00 – 14:30	Lunch Break		
14:30 – 15:00	Life Cycle Costing (LCC) of eFuels and Biofuels	Vasiliki Kontou	NTUA
15:00 – 15:30	Social Life Cycle Assessment (SLCA) & Public Acceptance of eFuels and Biofuels	Vasiliki Kontou	NTUA
15:30 – 16:30	Group work on the Tasks	All participants	
16:30 – 17:00	Coffee Break		
17:00 – 18:00	Free time or Group work		
18:30 – 20:30	Dinner & Group activity		

3rd Day: Friday, August 29th 2025

Time	Session	Speaker	Affiliation
08:15 – 08:30	Meet at Hotel for Transfer to Technical Visit Site		
08:30 – 11:00	Technical Site Visit (Biogas Production Unit)	All participants	
11:00 – 11:30	Coffee Break		
11:30 – 13:00	Group Work: LCSA Case Study	Coordinator: NTUA	
13:00 – 14:30	Lunch Break		
14:30 – 16:30	Presentations of the Group Work	All participants	
16:30 – 17:00	Coffee Break		
17:00 – 17:30	Quiz or Recap Activity	Sotirios Karellas, Vasiliki Kontou	NTUA
17:30 – 18:00	Conclusions and farewell	Sotirios Karellas	NTUA

Hotel Accommodation:

Royal & Imperial Belvedere Resort

8C43+32 Limenas Chersonisou

Book here: <https://belvedereresort.reserve-online.net/>

Please make sure you use the BOOKING CODE: summerschool2025

For further information, please do not hesitate to contact:

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