

PROGRAMME

2nd Edition of the International Conference on Zero Carbon Built Environment

8 - 10 July 2026

Lisbon, Portugal



ORGANIZATION



WITH THE SUPPORT OF:



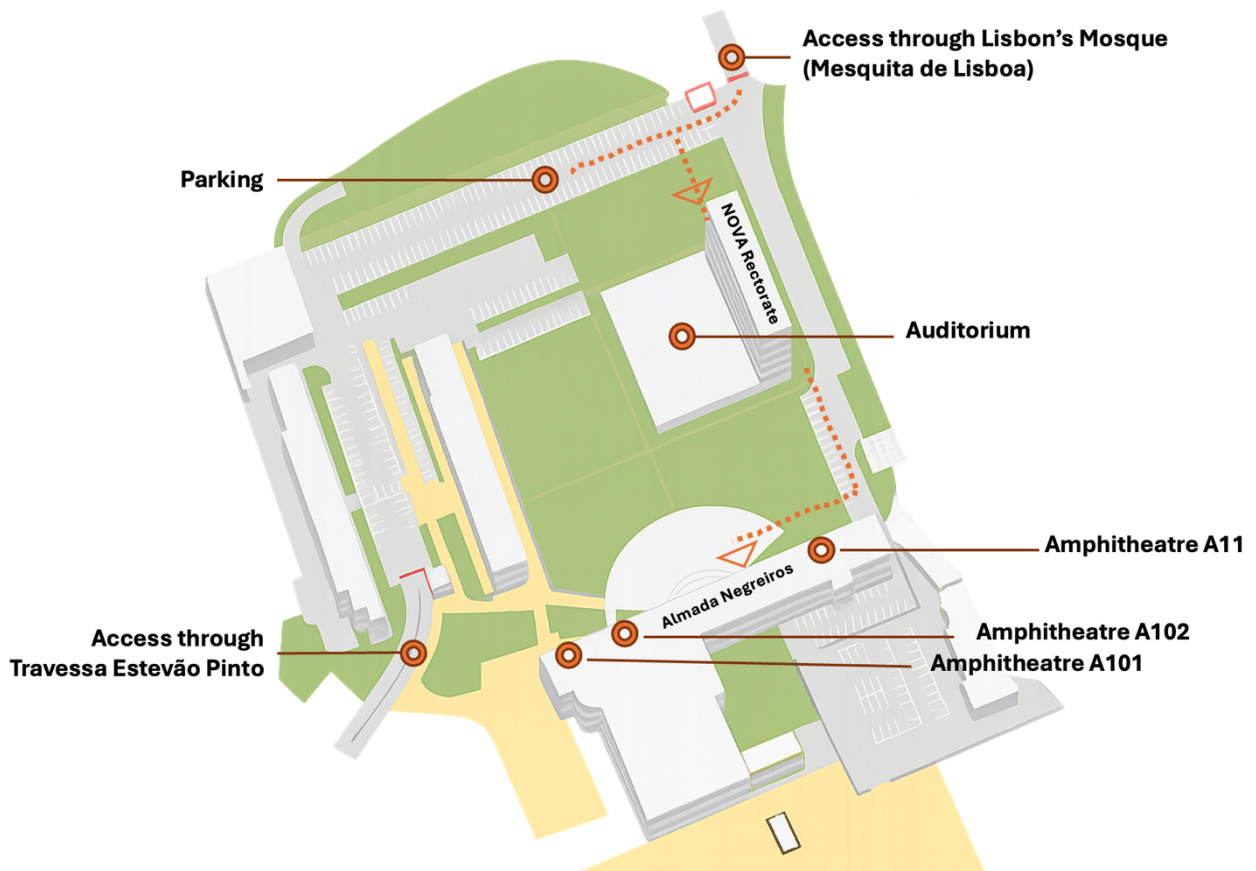
Venue

Location: Rectorate of Universidade NOVA de Lisboa
(Travessa Estevão Pinto 1099-085 Lisbon)

Registrations and welcome desk: 9 and 10 July, NOVA Rectorate

Sessions: 9 and 10 July

Plenary sessions will take place in the Rectorate Auditorium. Parallel sessions will take place in the Rectorate Auditorium and Amphitheatres A11, A101 and A102 in the Almada Negreiros building.



Tracks, Special Sessions and Session Codes

Code	Track/Session	Scope
CES	Climate, Environment and Society	Climate resilience, health, wellbeing, indoor environmental quality, urban microclimate and adaptation
DMC	Design, Materials and Construction	Building design, materials, construction systems, envelopes, façades, circular economy and LCA
TI	Technology and Innovation	HVAC systems, renewable energy, digitalisation, AI, BIM, digital twins and data-driven approaches
PGS	Policy, Governance and Skills	Policy frameworks, governance models, skills, education and emerging research
SHERLOCK	Supporting the Energy Transition for the Building Stock	SHERLOCK Project Special Session
WEG	People-Centric and Sustainable Urban Regeneration	WeGenerate Project Special Session

Session Code	Session Title
DMC-1A	Building Performance and Decarbonisation
DMC-2A	Building Envelopes and Façades I
DMC-2B	Building Envelopes and Façades II
DMC-3A	Retrofit, Rehabilitation and Renovation
DMC-4A	Circular Economy, Materials and LCA I
DMC-4B	Circular Economy, Materials and LCA II)
DMC-5A	Adaptive Façades, Passive Systems and Bioclimatic Design
DMC-6A	Sustainable Materials and Digital Retrofit Workflows
TI-1A	HVAC, Cooling and Low-Carbon Systems I
TI-1B	HVAC, Cooling and Low-Carbon Systems II
TI-2A	Renewable Energy and PV I
TI-2B	Renewable Energy and PV II
TI-3A	Energy Communities, Flexibility and Smart Grids
TI-4A	Digitalisation, AI and Forecasting
TI-4B	Artificial Intelligence and Data-Driven Approaches
TI-5A	Digital Twins, BIM and Data-Driven Approaches
MIX-1A	Emerging Technologies and Digital Workflows
CES-1A	Low-Carbon Communities and Energy Communities
CES-2A	Health, Wellbeing and Indoor Environmental Quality
CES-3A	Climate Resilience and Urban Microclimate
CES-4A	Climate Adaptation, Heat Risk and Resilience
PGS-1A	Policy, Governance, Skills and Emerging Research
SHERLOCK	Supporting the Energy Transition for the Building Stock - SHERLOCK Project
WEG	People-Centric and Sustainable Urban Regeneration - WeGenerate Project

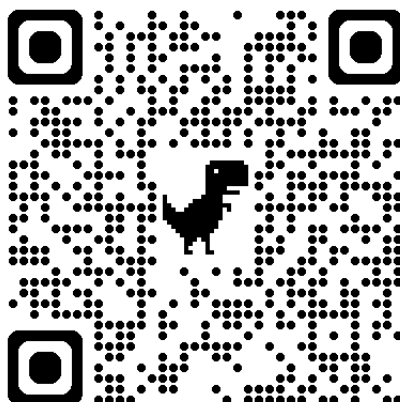
ZCBE 2026 Programme

9 July, Thursday

8:00-9:00	60 mins	Registration and Welcome Desk (NOVA Rectorate)			
		Opening and Welcome Addresses (Auditorium A - NOVA Rectorate)			
9:00	30 mins	Dr. Laura Aelenei, Prof. Daniel Aelenei, Prof. Yupeng (Jack) Wu, Prof. Mattia de Rosa, Prof. Teresa de Ponce Leão, Prof. Júlia Seixas			
9:30	60 mins	Keynote Lecture – Prof. Vasco Rato (Auditorium) Keynote Lecture – Prof. Veronica Soebarto (Auditorium)			
10:30-10:50	20 mins	<i>Coffee Break</i>			
10:50-11:00	10 mins	<i>Transfer to parallel rooms</i>			
Tracks/Rooms		TI-1A/Auditorium	DMC-1A/A11	TI-4A/A102	DMC-2A/A101
	15 mins	162	15	10	27
	15 mins	170	20	32	73
11:00-12:30	15 mins	199	28	52	84
	15 mins	200	115	21	90
	15 mins	5	136	74	94
	15 mins			126	97
	15 mins				
12:30-12:40	10 mins	<i>Transfer to Rectorate</i>			
12:40-13:50	60 mins	<i>Lunch (NOVA Rectorate) + Group Photo</i>			
13:50-14:00	10 mins	<i>Transfer to parallel rooms</i>			
Tracks/Rooms		WEG/Auditorium	DMC-4A/A11	TI-1B/A102	DMC-4B/101
	15 mins	24	141	25	36
	15 mins	26	145	54	38
	15 mins	30	151	59	33
14:00-16:00	15 mins	47	152	167	34
	15 mins	49	194	113	204
	15 mins	63	210	142	175
	15 mins	65	211	17	89
	15 mins	216	202	41	
16:00-16:10	10 mins	<i>Transfer to Rectorate</i>			
16:10-16:30	20 mins	<i>Coffee Break (NOVA Rectorate)</i>			
16:30-16:55	25 mins	Keynote Lecture – Prof. Wangda Zuo (Auditorium)			
16:55-17:05	10 mins	<i>Transfer to parallel rooms</i>			
Tracks/Rooms		DMC-5A/Auditorium	CES-2A/A11	PGS-1A/A102	CES-3A/A101
	15 mins	117	88	184	6
	15 mins	51	111	209	56
17:05-18:35	15 mins	138	219	22	103
	15 mins	153	174	60	132
	15 mins	198	118	201	150
	15 mins	3		218	163
	15 mins				
18:35- 18:45	10 mins	<i>Transfer to Rectorate</i>			
18:45-19:45	60 mins	<i>Cocktail (NOVA Rectorate)</i>			
19:50-20:50	60 mins	<i>Musical Performance (Auditorium)</i>			

10 July 2026					
Time	Duration				
8:30-9:00		Registration and Welcome Desk (NOVA Rectorate)			
		SHERLOCK (Auditorium – NOVA Rectorate)			
9:00	15 mins	Introduction – Prof. Mattia de Rosa			
9:15	25 mins	Keynote Lecture – Prof. Paulo Ferrão			
9:40	25 mins	Keynote Lecture – Prof. Christos Markides			
10:05	15 mins	A Framework for Advancing Energy Transition through Local Renewable Energy Integration in Small Urban Systems (9) – Prof. Carlos Varga Salgado			
10:20	15 mins	Enhancing Cooling Degree Day Estimation: A Novel Method Embedding Solar and Atmospheric Effects (58) – Prof. Vincenzo Bianco			
10:35-10:55	20 mins	Coffee Break			
10:55-11:05	10 mins	Transfer to parallel rooms			
Track/Rooms		Sherlock II/Auditorium	DMC-3A/A11	CES-1A/A102	TI-5A/A101
11:05-12:35	15 mins	147	134	48	57
	15 mins	44	173	62	95
	15 mins	168	177	107	116
	15 mins	104	195	108	128
	15 mins	125	208	109	78
	15 mins	110	146	164	31
12:35-12:45	10 mins	Transfer to Rectorate			
12:45-13:35	50 mins	Lunch			
13:35-14:00	25 mins	Keynote Lecture – Prof. Soteris Kalogirou (Auditorium)			
14:00-14:10	10 mins	Transfer to parallel rooms			
Tracks/Rooms		TI-2B/Auditorium	DMC-2B/A11	TI-3A/A102	DMC-6A/A101
14:10-15:55	15 mins	185	7	2	120
	15 mins	12	42	14	133
	15 mins	69	119	35	157
	15 mins	50	80	53	188
	15 mins	72	83	75	85
	15 mins	70	217	76	139
	15 mins			87	18
15:55-16:05	10 mins	Transfer to Rectorate			
16:05-16:25	20 mins	Coffee Break			
16:25-16:50	25 mins	Keynote Lecture – Prof. Denia Kolokotsa (Auditorium)			
16:50-17:00	10 mins	Transfer to parallel rooms			
Tracks/Rooms		TI-2A/Auditorium	CES-4A/A11	TI-4B/A102	CES-3A/A101
17:00-18:00	15 mins	137	135	178	187
	15 mins	105	140	186	212
	15 mins	129	149	171	158
	15 mins	100		179	191
18:00-18:10	10 mins	Transfer to Rectorate			
18:10-18:30	20 mins	Closing Ceremony (Auditorium)			
20:00		Official Dinner (Páteo Velho Restaurant)			

The full programme and session details are available in the online extended programme.



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