

1st International Congress On Clean Cooling

18th – 19th April, University of Birmingham

DAY ONE

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08:30	GENERAL REGISTRATION			
08:55	CONGRESS OPENS			
08:55	WELCOME AND OBJECTIVES			
	Professor Martin Freer, Director, Birmingham Energy Institute, University of Birmingham			
	Adam Chase, E4tech, chair for the day			
09:05	THE NEED AND CHALLENGES OF COOLING "BRINGING COOLING IN FROM THE COLD"			
	Sir David King and Pawanexh Kohli, National Centre for Cold-chain Development, India			
	UNLOCKING ACCESS TO COOLING			
	lan Crosby, Cooling for All			
10:25	COFFEE BREAK			
10:45	PLENARY DISCUSSION ONE			
	COOL CITIES - GETTING READY FOR 6bn URBAN RESIDENTS			
		idment (London South Bank University) and Guiller		
11:45	UAE MINSTRY OF ENVIRONMENT AND CLIMATE C Andrew Parker, EU GCC Clean Energy Technology	CHAINGE – "CLEAN COOLING WORKSHOP FEEDBAC / Group	CK"	
12:05	COLD CHAIN DEVELOPMENT FOR RURAL TRANSFORMATION			
	Rosa Rolle, UNFAO			
12:30	LUNCH			
13:30	PLENARY DISCUSSION TWO			
	COOLING IN THE DEVELOPING WORLD - MAKING LIVELIHOODS			
	Dr Tim Fox (IMechE), Dr Lisa Kitinoja (The Postharvest Education Foundation) and Dr Ali Mohammed Ibrahim (Professor Jimma University)			
14:25	COOLING TO SHARE Professor Toby Peters, University of Birmingham			
	THINK THERMALLY FOR DEMAND SIDE MANAGEMENT			
	lan Tansley, Surechill			
	EDOM WASTE TO LIIGUL VALUE COOLING. AN INTEGRATED APPROACH TO ENERGY			
	FROM WASTE TO HIGH-VALUE COOLING – AN INTEGRATED APPROACH TO ENERGY Jan Grimbrandt, Boson Energy			
15:15	THE COLD ECONOMY -	COLD IN MOTION -	SOURCES AND SINKS -	
WORKSHOPS	HOW TO FINANCE CLEAN COOLING & THE OPPORTUNITY FOR IMPACT INVESTMENT	HOW TO DELIVER A CLEAN COLD CHAIN	HARNESSING ENERGY STORAGE FOR	
	Shilpa Patel, ClimateWorks Foundation (K-CEP)	Dr Phil Greening, Centre for Sustainable Road Freight, Heriot-Watt University	COOLING Kamelia Atefi Monfared, University at Buffalo	
16:05	COFFEE BREAK			
16:25	WORKSHOP FEEDBACK			
	Led by Stephen Gill, Institute of Refrigeration			
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RECEPTION

17:25

18:00

DAY 1 SUMMARY, THOUGHTS AND CLOSE

Professor Richard Williams, Heriot-Watt University





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DAY TWO

08:30	ARRIVAL		
08:45	WELCOME		
09:00	THE COOLING LANDSCAPE		
	Michael Ayres, Flexible Power Systems To include Hot, cold and flexible, Professor Eddie Owens, Heriot-Watt University		
10:00	REDUCING THE ENERGY DEMAND FOR COOLING - A REAL WORLD CASE STUDY FROM INDIA.		
	Helge Schramm , Danfoss		
10:15	COFFEE BREAK		
10:35	"THE WHOLE IS GREATER THAN THE SUM OF THE PARTS" - THE SYSTEMS LEVEL IMPACT OF CLEAN COLD CHAIN <i>- FINDINGS FROM A NEW GFCCC REPORT</i>		
	Juergen Goeller, Global Food Cold Chain Council To include questions with Helge Schramm (Danfoss), Juergen Goeller (GFCC) and Dr Lisa Kitinoja (The Postharvest Education Foundation). Dr Tim Fox to chair (IMechE).		
11:15	LIQUID AIR AS EXAMPLE OF NOVEL ENERGY VECTOR / CAN WE HARNESS THE WASTE COLD OF LNG		
11.15	Dr Rob Morgan (University of Brighton), Professor Milind Atrey (IIT Bombay) to chair, Professor Judith Evans (LSBU – the Cryohub Project), Scott MacMeekin (Dearman)		
12:10	THE VALUE OF MAINTENANCE		
	Andy McPhun, Wave Refrigeration		
	That man, that of the light about		
12:25	LUNCH		
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	LUNCH PRACTICAL ASPECTS OF A TRANSITION TO CLEAN COOLING IN RETAIL		
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