



PLEA 2017 EDINBURGH

Design to Thrive

BRIDGING THE PERFORMANCE GAP FORUM

Royal Society of Edinburgh: **Wolfson Lecture Theatre**
July 5th

	TIME	min				
10.00 - 11:10 Assesment of the Performance Gaps						
	Chair:		Paul	Tuohy		
1	10:01	10	0902 Rajat	Gupta		Meta-study of building fabric performance gap in low energy housing in UK
2	10:11	10	0318 Sergio	Altomonte		Are occupants more satisfied with indoor environmental quality in green-certified buildings? Indoor Environmental Quality and Occupant's Comfort of a Green-Certified Office Campus– A pre-post Retrofit Longitudinal Study
3	10:21	10	1381 Ihab	Elzeyadi		near Zero Energy Buildings standard and the Passive House Standard and the Performance Gap
4	10:31	10	1705 Shane	Colclough		Discrepancies Between Theoretical and Actual Heating Demand in Scottish Modern Dwellings
5	10:41	7	0338 Julio	Bros-Williamson		Learning from 'horror' stories: a plan of work to reduce the performance gap in deep retrofit
6	10:48	7	0546 Marina	Topouzi		Sustainability performance tracking of social housing: the tale of two projects in Brazil
7	10:55	7	1208 Mariana	Adão		Modern Buildings and Environmental Comfort - Reuse of Existing and Vacant Buildings
8	11:02	7	1600 Nathália	Lorenzetti Lima		
11.10 - 12:00 Performance Gaps and Industry Process						
9	11:10	10	1003 Aysegul	Akturk		Bridging the Theory of Regenerative Design and the Current Building Practice: Evaluation of Regenerative Design Support Tools
10	11:20	10	1345 Leena	Thomas		Realising Intentions: An evaluation of green building rating tools for Australian buildings.
11	11:30	7	1608 Camilla	Brunsgaard		Sustainable building design in practice – survey among Danish DGNB consultants
12	11:37	7	0916 Victoria	Gana		Soft Landings driven Design Management Process: Achieving sustainability in a school building in the UK
13	11:44	7	0730 Sahar	Mirzaie		How Can the Combination of BREEAM and Soft Landings Successfully Deliver a Low Energy, Comfortable Building?
Ds	11:51	9				DISCUSSION + Q&A
12.30 - 13:20 People Factors in the Performance Gaps						
	Chair:		Paul	Tuohy		
14	12:31	10	0337 Gabriela	Zapata-Lancaster		Users in context: actions and practices in four BREEAM certified buildings
15	12:41	10	0852 AbdelRahman	Aly		Mind the Gap; Methodology Discussion of The Extraction And Analysis Of Pilot Phase Data To Generate
16	12:51	7	0797 Andy	van den Dobbelsteen		The Struggle for Individual Carbon Neutrality
17	12:58	7	0309 Rosalie	Menon		'Ventilate Right' – Methods of Effective Communication to New Residents.
18	13:05	7	0094 Harald N	Røstvik		Norway's electric vehicle deployment success and PLEA
13.20 - 14:00 New Design Tools and methods to address the gaps						
	Chair:		Paul	Tuohy		
19	13:20	10	1253 Sarah	O'Dwyer		Bridging the gap: A framework for a robust sustainable design process
20	13:30	10	1615 Chunya	Cai		Green School Design – Key Strategies in Tropical Developing Regions
21	13:40	7	0466 Catherine	Massart		An Online-Decision-Making Guide for the Sustainable Refurbishment of Walloon Schools
22	13:47	7	0274 Eileen	Diaz		[Re]Measuring [LEED] Sustainability: From a Global Rating System to Tropical Specificity
23	13:54	7	0345 Toktam	Bashirzadeh Tabrizi		Application of LCA results in the early phase of the design environmental-friendly buildings.
24	14:01	7	0357 Kurt Emil	Eriksen		Active House Label – tool to empower house owners and developers to design sustainable buildings
25	14:08	7	1158 Regina	Bokel		Buiksloterham Integrated Energy Systems
Ds	14:15	15				DISCUSSION + Q&A