



Innovate
UK

Meeting of the Council
Wednesday 11th December 2019
09:00-16:40

**Energy Systems Catapult 7th Floor (Theatre Room), Cannon House, The Priory
Queensway, Birmingham B4 6BS**

Attendees:	
Council:	
Sir Harpal Kumar (Senior Independent Member)	Apologies
Arnab Basu	Apologies
Baroness Brown of Cambridge	Attending
Juliet Davenport	Attending
John Fingleton	Attending
Priya Guha	Attending
Elaine Jones	Attending
John Latham	Attending
Sir William Sargent	Attending
Stephen Welton	Attending
Mike Short	Apologies
UKRI	
Isobel Stephen	Attending
Innovate UK:	
Ian Campbell	Attending (Chair)
Lindsey Weston (Secretariat)	Attending
Catapult Network:	
Keith Thompson	Attending
Pilar Sepulveda	Attending
Andrew Jamieson	Attending
Philip New	Attending
Guy Newey	Attending
Hannah Bronwin	Attending
Richard Halsey	Attending
Eva Gromadski	Attending



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09:00 start		Arrival	
1	09:00-09:15	<ul style="list-style-type: none"> • Welcome • Apologies • Declaration of interests 	Harpal Kumar
2	09:15-09:30	Verbal update on UKRI discussions	Harpal Kumar
3	09:30-09:35	Introduction to the day	Ian Campbell
4	09:35-10:05	The Catapult Network & CAN DO	Keith Thompson / Pilar Sepulveda
	10:05-10:20	Coffee/tea	
5	10:20 – 12:30	Offshore Renewable Catapult <ul style="list-style-type: none"> • Journey so far – offshore wind innovation growth and cost reduction success • Impact • Future plans 	Andrew Jamieson
6	12:30-12:45	Observations/discussion with the Offshore Renewable Catapult	All
	12:45-13:30	Lunch	
7	13:30-13:45	Introduction to the Energy Systems Catapult	Philip New
8	13:45-14:05	Industry/policy/political context, including market failures	Guy Newey/Hannah Bronwin
9	14:05-14:20	Key Net Zero Opportunity: Consumer Heating	Richard Halsey
10	14:20-15:00	Case Study: Sunamp	
	15:00-15:15	Coffee/tea	
11	15:15-15:30	Key Net Zero Opportunity: Place	Eva Gromadski
12	15:30-15:45	Key Net Zero Opportunity: Digital	Richard Halsey
13	15:45 – 16:05	Case Study: Evergreen	
14	16:05- 16:15	Observations/discussion with the Energy Systems Catapult	All
15	16:15-16:25	AOB	All - Council members and Innovate UK only

16	16:25-16:40	Closed Council Session	
Close 16:40			

Biographies



Keith Thompson

Chair of the Catapult Network and Chief Executive of the Cell and Gene Therapy Catapult

Dedicated to building a Cell and Gene Therapy industry in the UK, Keith has built a team of over 180 cell and gene therapy experts in state-of-the-art laboratories in London and a unique large-scale manufacturing centre in Stevenage.

Keith established the Cell and Gene Therapy Catapult in 2012. Prior to this he was Director of the Scottish National Blood Transfusion Service, focused on modernising the blood supply from vein-to-vein and expanding into cell therapy. Keith has held various positions in Biotechnology companies, he was Managing Director of Bioscot, one of Scotland's first Biotechnology companies; at NASDAQ listed Serologicals he was Vice President of Diagnostics Operations, then Vice President of Global Manufacturing.



Pilar Sepulveda

Director of the Catapult Network Development Office (CaNDO)

Pilar is responsible for driving the development of the Catapult Network.



Andrew Jamieson

Chief Executive Offshore Renewable Catapult

Andrew spent 24 years with ScottishPower, where he held key roles in engineering, marketing and financial planning.

In 2004, he moved to ScottishPower Renewables where he was responsible for energy policy and regulation. He is a former Chairman of RenewableUK and Scottish Renewables, sits on the Scottish Government's Energy Advisory Board and has chaired a number of UK and Scottish working groups into the development of marine and offshore wind energy.



Philip New

Chief Executive Officer Energy Systems Catapult

Phil joined Energy Systems Catapult as CEO in November 2015.

Before joining the Catapult, Philip worked for BP for over 30 years in a range of commercial and general management positions, mostly in customer-facing businesses, operating in Asia, North and South America, and Europe. He started working in the cleantech sector in 2002, initially building BP's portfolio of Biofuels businesses and technologies, latterly becoming CEO of BP Alternative Energy, during which time he wrestled with, and became fascinated by, the dynamics of the interplay of markets, technology and policy created by the emergence of new energy sources and uses, and the opportunities to create new businesses.

Philip is a Commissioner at the global Energy Transitions Commission, a member of the Global Futures Council on Energy at the World Economic Forum, and a non executive director of FRV. He has an MA in Philosophy, Politics and Economics from Oxford University, and lives in Oxford with his wife. His three children are now at University.