

TOGETHER WE CAN, TOGETHER WE ARE

The UK Plastics Pact six-month summit

The speakers

In order of programme



Professor Mark Miodownik, UCL

Mark Miodownik is the UCL Professor of Materials & Society. He received his Ph.D in turbine jet engine alloys from Oxford University, and has worked as a materials engineer in the USA, Ireland and the UK. For more than fifteen years he has championed materials science research that links to the arts and humanities, medicine, and society. This culminated in the establishment of the UCL Institute of Making, where he is a director and runs the research programme. Mark regularly makes BBC TV and radio programmes on materials science and engineering and in 2018 presented a three part documentary on BBC Radio 4 called *Plastic Fantastic*. He is a fellow of the Royal Academy of Engineering and has been awarded an MBE for services to materials science, engineering and broadcasting.

Dr Marcus Gover, CEng FIChemE MCIWM, WRAP

Marcus Gover has worked in the environment sector for over 25 years and is currently Chief Executive Officer of WRAP in the UK. WRAP is a not-for profit organisation working with governments, businesses and citizens to create a world in which resources are used sustainably. Its experts generate evidence-based solutions to protect the environment, build stronger economies and support more sustainable societies. WRAP's impact spans the entire life-cycle of the food we eat, the clothes we wear and the products we buy, from production to consumption and beyond.



Professor Richard Thompson, University of Plymouth

Director of the [Marine Institute](#), University of Plymouth. Much of his work over the last decade has focused on marine debris with numerous publications and significant research funding on this topic. He was a co-author of the European Union Marine Strategy Framework Directive text on marine litter. He has been a member of numerous international working groups on marine litter including GESAMP, NCEAS, UNEP, UNIRP. In 2014 he presented his research to the US Secretary of State, John Kerry, at his *Our Ocean* meeting in Washington. He has also presented to OECD nations and G7 nations. Recent work by his team directly informed the UK Government decision to introduce legislation on the use of microplastics in cosmetics. He has recently been working with G7 nations on the monitoring of marine litter. In 2017 Thompson received the Marsh Award for Marine and Freshwater Conservation for his work on plastics; and was recognised in the New Year Honours List, with an OBE for services to Marine Science. He leads the International [Marine Litter Research Unit](#) at Plymouth.



Claire Shrewsbury, WRAP

Claire is the Head of Government and Communities for WRAP having previously been the Packaging Programme Manager. Claire joined WRAP as the Glass Sector Manager but this role was quickly expanded to cover the wider packaging programme. She was responsible for managing a team that delivered a wide range of projects: these ranged from a grant for the UK's first mixed plastic processing plant to investigating new technology for processing metallised plastic film. Claire has represented WRAP on the Advisory Committee for Packaging (ACP) for over five years.



Professor Duncan Wingham, UK Research and Innovation

Duncan received a B.Sc. from the University of Leeds in 1979, and a Ph.D from the University of Bath in 1984, both in physics. He joined University College London in 1986, where he held lecturing posts at the Mullard Space Science Laboratory and the Department of Electronic and Electrical Engineering. He was appointed as a Chair in the Department of Space and Climate Physics in 1996, and was Head of the Department of Earth Sciences at UCL from 2005 to 2010.

He was founder and Director of the NERC Centre for Polar Observation and Modelling (CPOM) from 2000 to 2005 which, among other things, discovered the widespread mass loss from the West Antarctic Ice Sheet and its origin in accelerated ocean melting. He was Chairman of the Science and Innovation Board of NERC and, since 2000, the Lead Investigator of the ESA CryoSat and CryoSat-2 satellite missions. Duncan became Chief Executive of the Natural Environment Research Council on 1 January 2012 and then Executive Chair on 1 April 2018, when the Natural Environment Research Council became part of UK Research and Innovation.



Dr Peter Maddox, WRAP

Peter Maddox joined WRAP in 2006 and became Director in 2016. He has worked on the market development of recycled materials, built WRAP's strategy and planning function, and managed WRAP's resource efficiency programmes for Defra. He developed WRAP's new business strategy around a circular economy framework, and in 2015 established the Resource London partnership with the London Waste and Recycling Board. As Director for WRAP UK, he is responsible for WRAP's work on food, textiles, plastics and recycling in the UK. He has a BA in chemistry and a DPhil in homogeneous catalysis from the University of Oxford. He also has a postgraduate certificate in sustainable business from the University of Cambridge.



Dr David Moon, WRAP

Dr David Moon is Head of Business Collaboration at WRAP. A materials scientist by training, he has over 20 years' experience of delivering collaborative programmes for Government and industry to achieve environmental objectives. His team delivers three voluntary agreements to tackle major environmental issues in the UK, working with leading businesses, trade associations, Governments and local authorities; The Courtauld Commitment 2025 in the food & drink sector, The Sustainable Clothing Action Plan 2020 Commitment and The UK Plastics Pact.



Helen Bird, WRAP

Helen Bird has worked in Resource Management for over 11 years, and has been at WRAP for 8 years. Helen has always had a passion for sustainability and recycling in particular. She has overseen WRAP's work on Consistency in Household Recycling – a whole chain initiative to increase recycling, improve material quality, provide opportunities for collaborative procurement and efficiency savings, all while increasing the consistency in materials collected from householders. She currently leads many of the technical work streams for delivery of the UK Plastics Pact including: eliminating unnecessary/problematic plastics, recyclability and composting, flexibles, recycled content and end markets. She also is involved in on-pack recycling labelling and development of guidance on recyclability of fibre-based packaging. Prior to her roles in the field of Resource Management, Helen held marketing positions in various food and non-food manufacturing companies.



Peter Skelton, WRAP

Strategic Partnerships Manager. For the last 15 months, Peter has helped develop, launch and mobilise The UK Plastics Pact, leading on the engagement with businesses and partners. Prior to this, Peter has worked extensively with leading retailers and brands on all four phases of WRAP's Courtauld Commitment as well as working with WRAP Global on food waste and packaging opportunities. Amongst Peter's other packaging related work at WRAP, he has led on the development of [Packaging and Recyclability Guidance](#), biopolymers, home compostable packaging, [On-Pack Recycling Label](#), [recycled PET \(rPET\) in packaging](#) and numerous packaging optimisation and recyclability projects. Before WRAP, Peter working in the FMCG sector in various marketing and product development roles. Peter is a Chartered Waste Manager with the Chartered Institute of Waste Management (CIWM).



Dr Paul Davidson, Sabic

Paul studied Materials Science and Technology at Brunel University before completing a PhD at Loughborough University in the field of PET processing. Paul then held a number of posts in the plastics industry before joining WRAP in 2001. Paul spent over 10 years at WRAP managing national plastics recycling technology and infrastructure development initiatives. During this time Paul was also seconded to Defra where he was an advisor to the UK 2008 Packaging Strategy Review. In 2012 Paul joined SABIC, and he is now responsible for market develop of flexible packaging applications for SABIC's polyolefins business in Europe. As part of this role he is actively seeking ways to increase the sustainability of plastics packaging.



Lubna Edwards, Klockner Pentaplast

Global Sustainability Director. With over twenty years' experience in sustainability leadership, Lubna is responsible for driving sustainability within Klöckner Pentaplast; collaborating with the value chain, industry associations, governments, recyclers and other key stakeholders to address global challenges. Sustainability challenges include food waste reduction, resource conservation, carbon mitigation, use of sustainable materials and recycling, and designing for a circular economy. Lubna has held similar roles at the Sealed Air Corporation and Diversey, with a focus on how sustainability can meet societal, environmental and market needs.



Anna Turrell, Nestlé

Head of Sustainability for Nestlé UK & Ireland. Prior to moving in-house, Anna spent 10 years in sustainability consultancy in Europe and Asia. During this time, Anna focused on developing corporate sustainability strategies, social and ethical performance strategies and programmes (human rights, supply chain, bribery & corruption), stakeholder engagement and communications for regional and global businesses. She has worked with clients across a range of sectors including; FMCG, F&B, extractives, telecommunications, financial services sectors as well as government and non-profit sectors.



Kevin Vyse, Marks & Spencer

Kevin's career has spanned three decades in packaging design and development. He has worked for many of the best known brands in the UK and Europe as well as for manufacturers and retailers. There are few people in the packaging business who share his depth of knowledge and experience and he now makes good use of that working at Marks and Spencer where he is Senior Packaging Technologist and Circular Economy Lead. He is a member of the governments Advisory Committee on Packaging and on the board of the On Pack Recycling Label company. Packaging is without doubt a major passion but, as a qualified yachtsman, so is messing about in boats whenever he can.



Steven Butts, Morrisons

Steven has led Morrisons corporate responsibility work for nearly 10 years. A commercial solicitor by profession, migrating into responsible business he has a wide ranging role focussed on environmental sustainability and improving commercial ways of working. Listening and responding to a wide range of stakeholders, Steven's role is to ensure that policy and action are embedded into the day to day operation of the business through teamwork. Steven is championing Morrisons' Plastic Pact commitments and working in collaboration with other organisations who have an ambition to keep plastic in the economy and out of the environment.



Richard Kirkman, Veolia

Richard is responsible for Veolia's Technology and Innovation, Material Sales, Veolia Combined Heat and Power, Fleet and the External Affairs departments, shaping the future of the industry. He is also a member of the Plastics Pact Advisory Group, Council for Sustainable Business and the Mayor's Infrastructure High Level Group and is a leading media spokesperson on resource management and plastics appearing regularly on broadcast media and within the national press. In his role, Richard supports Veolia's growth ambitions overseeing the planning and construction of new infrastructure to which the company is committed to a £1 billion investment over the next five years and the administration of commodities, such as energy (electricity and heat) and materials (recyclables and compost). His technology team is focused on five main areas, namely thermal development, fuel and energy, MRF and food grade recycling, biological treatments and 'best in class' sector innovation. Major initiatives include pioneering treatment facilities at Dagenham (plastics remanufacturing), Rainham (plastics sorting), Leeds (energy recovery) Southwark (integrated recycling), St Helens (glass cullet supply), West Midlands (street sweepings recycling) and Bridgnorth (TV recycling). Richard is an environmental engineer and joined the Veolia group via Dalkia in 1994, heading up European Research & Development after gaining operational experience in its municipal and commercial energy recovery operations.



Julie Hill, WRAP Chair

Julie Hill has worked on environmental policy for over twenty five years. Her areas of particular expertise are waste and resources policy, biotechnology and sustainable buildings. As Director, and then an Associate of Green Alliance, she has developed the resources theme over a period of fifteen years, most recently chairing the Circular Economy Task Force. Julie has held a number of senior advisory posts in government and in commercial organisations. These include a total of fifteen years on government regulatory and advisory committees governing Genetically Modified Organisms (GMOs), and four years as Deputy Chair of the Agriculture and Environment Biotechnology Commission (AEBC), where she was responsible for the implementation of innovative approaches to public and stakeholder engagement. She has also served terms as Non-Executive Director of the Environment Agency for England and Wales, and of the Eden Project in Cornwall, and is presently an Independent Board Member of the Consumer Council for Water. She is also a Senior Fellow at the University of Surrey.

