

SPEAKER BIOGRAPHIES – LYRIC THEATRE

WELCOME

Andy Burnham, Mayor of Greater Manchester



Andy was elected as Mayor of Greater Manchester in May 2017. Responsible for shaping the future of Greater Manchester, Andy's priorities include ending rough sleeping, transforming Greater Manchester into one of the greenest city regions in Europe, and making Greater Manchester a great place to live, get on, and grow old.

Andy's vision for the environment was to be the first UK city to devise a science-based pathway to becoming carbon neutral a decade earlier than others – something set out in the 5 Year Environment Plan for Greater Manchester. This will transform the region into a world-leading greener, cleaner, climate resilient city region which is fit for the future and, in so doing, improve the health and quality of life for millions of people and protect our greenspaces for future generations.

Before being elected Mayor of Greater Manchester, Andy was MP for Leigh from 2001. In government, Andy has held Ministerial positions at the Home Office, Department of Health and the Treasury. In 2008 he became Secretary of State for Culture, Media and Sport, before returning to Health as Secretary of State in 2009. In opposition, Andy has served as Shadow Education Secretary, Shadow Health Secretary and Shadow Home Secretary.

Andy lives in Leigh, Greater Manchester, with his wife and three children. He is a keen supporter of Everton FC.

KEYNOTE SPEECHES

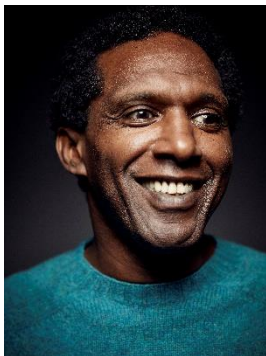
HRH The Prince of Wales



For more than four decades, The Prince of Wales has used his unique position to champion action for a sustainable future. In the context of global challenges that include climate change, deforestation, and ocean pollution, The Prince has promoted sustainability to ensure that the natural assets upon which we all depend. His Royal Highness believes that economic and social development will best succeed when it works in harmony, rather than in conflict, with nature.

Over the years, The Prince of Wales has launched many different sustainability initiatives aimed at delivering practical outcomes. They range from The Prince's Rainforest Project, Accounting for Sustainability and the International Sustainability Unit, to more grassroots initiatives run by Business in the Community such as Project Start and the Mayday Network of UK businesses. His Royal Highness's sustainability work is based on the principle that environmental challenges in our increasingly interconnected world are best met by adopting integrated and holistic approaches to sustainability.

Lemn Sissay, University of Manchester Chancellor



Lemn is a poet, playwright and broadcaster. He has read poetry everywhere from The Library of Congress in The United States to The University of Addis Ababa, from the Botanic Gardens of Singapore to the sonorous shores of Sri Lanka, from Wembley Football stadium to Maryland Football stadium, from the theatres of Bangalore to the theatres of Dubai, from a literature festival in Bali to a bar stage in Greenland AND Wigan library.

He was awarded an MBE for services to literature by The Queen of England. He is chancellor of The University of Manchester and an honorary Doctor from The University of Huddersfield, The University of Manchester and The University of Kent. He was the first poet commissioned to write for the London Olympics. In 2018 he was made Poet Laureate of Canterbury.

INTRODUCTION TO GREATER MANCHESTER'S 5 YEAR ENVIRONMENT PLAN

Councillor Alex Ganotis, Leader of Stockport Council and Greater Manchester Combined Authority Green City-Region Lead



Alex has been leader of Stockport Council since May 2016 and has been councillor for Heatons North ward since 2011. In May 2017, Alex was appointed by Andy Burnham as the GMCA's lead member for the Green City Region portfolio, focusing on Greater Manchester's efforts to improve and protect the environment, green spaces and air quality.

ENGAGING OTHERS IN THE 5 YEAR ENVIRONMENT PLAN



Professor Carly Mclachlan, Interim Director of the Tyndall Centre and Director of Tyndall Manchester

Carly is the Director of Tyndall Manchester - an interdisciplinary team working on policy relevant research on climate change. She is also the Interim Director of the National Tyndall Centre with Head Quarters at the University of East Anglia (UEA) and partner institutes at Manchester, Newcastle and Cardiff Universities. Tyndall's research focuses on areas such as: social transitions, climate and infrastructure resilience, getting to zero emissions and addressing poverty through climate action. With Tyndall colleagues, Carly worked with GMCA to set a Paris Climate Agreement compliant carbon budget and pathway.



Martha McPherson, Head of Green Economy and Sustainable Growth at UCL Institute of Innovation and Public Purpose (IIPP)

Martha leads on sustainability and green growth issues at the IIPP. The IIPP's mission is to change how public value is imagined, practised and evaluated to tackle societal challenges — delivering economic growth that is innovation-led, sustainable and inclusive. IIPP rethinks the role of the state in doing this – advocating a mission-oriented approach, which can be used to set inspirational goals, with dynamic tools—from procurement to prize schemes—to nurture bottom up experimentation and exploration across different sectors. IIPP's research and teaching helps create the new economic thinking and practical tools to make this a reality.



Phil Korbel, Director of the Carbon Literacy Project

Phil is a long-standing social entrepreneur, broadcaster and community activist based in Manchester. He wants to leave his children 'a future, not an apology'. Phil has been a long-time activist for sustainable development, moving from local work with Friends of the Earth in the 1980's to riding a tandem back from Sydney raising awareness of rainforest conservation in 1990. He was of the founders of the high-level climate change advocacy network The 100 Months Club, which in turn led to involvement in the drafting of the city's climate change action plan – "Manchester: A Certain Future." The

unique Carbon Literacy Project offers everyone a day's worth of Carbon Literacy learning, covering – climate change, carbon footprints, how you can do your bit, and why it's relevant to you and your audience.



Councillor Sean Fielding, Leader of Oldham Council

Sean was elected as a Councillor for Failsworth West in 2012, where he lives with his family. During his time on Oldham Council, he has been heavily involved in the 'Fairness campaigns', successfully lobbying First Bus to slash their fares for residents by 30 per cent and working to help sign local people up to the collective energy buying scheme that collectively saved Oldhamers thousands of pounds on their energy bills. He has been involved with the formation of a number of residents and home watch groups who take responsibility for the cleanliness and community safety in their area.

TAKING ACTION – INTRODUCING LOCAL INSPIRATION



Corin Bell, Lead for Plastic Free GM

Corin Bell is the Founder and Director of waste food social enterprise Open Kitchen MCR (formerly Real Junk Food Manchester). Corin is an experienced Project Manager who has worked in sustainability for over 10 years, including consultancy work in the private, public and community sector. Corin is passionate about systemic change, and pushing towards a sustainable future.



Emma Greenwood, Youth MP for Bury

Emma is Youth MP for Bury and avid environmental activist. She is involved in lots of local and nationwide campaigns with the aim of protecting and preserving our planet. She runs her school's eco club, volunteer litter picks and is involved in getting her town plastic free status. In her words: "I love going out there and being the change I want to see in the world - I want to help show other young people that your age doesn't dictate your ability to have a say in what you believe in."



Chris Matthews, Head of Sustainability at United Utilities

Chris' prime focus is to help the business deliver its objectives in a sustainable way through the development and implementation of environmental and social strategies. This covers areas such as biodiversity, waste, carbon management, community partnerships and charitable giving. He works with several groups to encourage responsible business behaviour and to explore opportunities for collaborative working. He is vice-chair of the Greater Manchester Combined Authority's Natural Capital Group and a member of the

North West Business Leadership Team's Essential Resources Taskforce. Nationally, he is a member of Business in the Community's Environment Leadership Team and Water Taskforce.



Professor Will Swan, Associate Dean Enterprise at the University of Salford

Will leads the Applied Buildings and Energy Research Group (ABERG) at the university, which he established in 2011. ABERG is home to the Salford Energy House, a whole test house within an environmental chamber, which has undertaken ground-breaking work on retrofit and controls. He has a background in industry-focused research, previously being sustainability and performance measurement lead at the Centre for Construction innovation before establishing ABERG, as a multi-disciplinary research group.



Steve Pimlott, Associate at Arup

Steve is a chartered urban planner and strategic advisor working in Arup's Advisory services based in Manchester. He brings over 15 years of expertise delivering high quality services and advice for a broad range of clients and projects at different levels of maturity. His focus is at the interfaces between strategy, project development and managing the transformation and changes needed for successful delivery. He provides valuable insight and foresight to strategies, programmes and projects.



Rebecca Lawson, Principal Sustainability Advisor at Forum for the Future

Rebecca is part of Forum for the Future's 1.5 Degree Challenge Lab where she works on a broad range of different projects related to energy system change, with a particular focus on scaling up community-led renewable energy and energy efficiency initiatives. Her role includes designing, convening and managing multi-stakeholder projects, providing insight and analysis on energy system trends and futures for a range of different audiences, and working with business and civil society stakeholders and government to design policy-led solutions to barriers to energy system change.



Jonathan Atkinson, Project Manager at the Carbon Coop

Jonathan is a board member and co-founder of Carbon Co-op, a community energy enterprise based in Greater Manchester, focussed on delivering energy systems innovation and whole house retrofit. He oversaw the establishment of Carbon Co-op and has since delivered much of its work as project manager including Community Green Deal, a project delivering deep retrofit to owner occupiers at scale and an affordable prices and Nobel Grid, a European-wide smart grids projects to enable co-operatives and communities to take control of their energy systems.



Amer Gaffar, Director of the Manchester Fuel Cell Innovation Centre

Amer is a sustainability professional with over 17 years' experience within the sector. Amer launched the Greater Manchester Hydrogen Partnership (GMHP) project at Manchester Metropolitan University (MMU) in 2013 that aims to introduce Hydrogen technology to the region via a series of demonstration and research projects. The GMHP is actively trying to support the development of a hydrogen economy for the region. Amer leads the Manchester Fuel Cell Innovation Centre which is a new £4M state of the art facility which was officially opened in September 2018 by Manchester Met chancellor Lord Mandelson.



Ollie Wilson, Campaign Manager at the Big Clean Switch

Ollie is the Campaign Manager at Big Clean Switch – an organisation that switches homes and businesses onto clean energy. Ollie delivers their campaigns alongside their partners. He has been responsible for delivering the GM Green Energy campaign, alongside the GMCA, that was launched around the Summit. that launches around the Mayor's Green Summit.



David Kemp, Sustainability Manager at Procure Plus

David has extensive experience of public and private sector clients on both sides of the client/supplier fence. He participated in the Government's Sustainable Procurement Task Force and other North West region sustainability related initiatives. David is involved in developing and project managing capital investment programmes in the social housing and wider public sector, including a groundbreaking £10.5m ERDF project – Homes as Energy Systems – and in strategic delivery projects and policy development at a regional and sub-regional level.

KEYNOTE SPEECH – RESTORING THE NATURAL ENVIRONMENT

Emma Howard Boyd, Chair of the Environment Agency



Emma Howard Boyd is the Chair of the Environment Agency, an Ex officio board member of the Department for Environment, Food & Rural Affairs, and has recently been appointed as the UK Commissioner to the Global Commission on Adaptation. Emma serves on a number of boards and advisory committees, which include ShareAction, Menhaden Capital PLC, the Prince's Accounting for Sustainability Project and the Green Finance Institute.

She has worked in financial services for over 25 years, in corporate finance and fund management. As Director of Stewardship at Jupiter Asset Management until July 2014, Emma was integral to the development of their expertise in the corporate governance and sustainability fields. Her previous board and advisory roles include, Vice Chair of Future Cities Catapult, a director of the Aldersgate Group and Triodos Renewables PLC, Chair of UKSIF (the UK Sustainable Investment and Finance Association) and a member of the Commission on Environmental Markets and Economic Performance and the Green Finance Taskforce.

Anne Selby, Chief Executive Officer of the Wildlife Trust for Lancashire, Manchester and North Merseyside



Anne's passion is for reconnecting people to nature and her Trust has been at the forefront of this, working on community based, local initiatives that cover health, food, green infrastructure, environmental education and volunteering. Anne admits to being an escaped town planner and has held various government appointments, including, Board Member for the NW Development Agency and Heritage Lottery Fund Regional Committee. In Greater Manchester, Anne chairs the Natural Capital Group (Local Nature Partnership) which champions environmental matters and reports into the Combined Authority via the Low Carbon Hub. Recent priorities have been the GM Spatial Planning Framework and the designation of the GM Wetland as a Nature Improvement Area.

SUSTAINABLE CONSUMPTION AND PRODUCTION



Michael Fletcher, Retail Chief Commercial Officer at the Co-operative Group

Michael is Chief Commercial Officer at Co-op for the Food Business, the UK's largest consumer co-operative with over 75,000 colleagues, 2,600 stores and 12 Distribution Centres. Michael joined the Co-op in 2013 and is responsible for its commercial functions, which include Trading, Delicious Food Development, Trading Law, Technical, Food Policy and Supply Chain. The Co-op's purpose is to champion a better way of doing

business, putting values and principles before profits and seeking wherever possible to lead the thinking on how retail businesses can support the commitment that they take. Michael Fletcher, 50, has worked in Food Retail for his entire career and has extensive operational experience, developing and leading commercial strategy, opening new markets and leading synergy initiatives.'



David Palmer-Jones, Chief Executive Officer at Suez Recycling and Recovery UK

David became Chief Executive Officer of SUEZ recycling and recovery UK in October 2008. Prior to re-joining SUEZ recycling and recovery UK in 2006, where he began his career, David spent 12 years working in Europe for both SUEZ in Sweden and France. David was Chief Executive Officer of SITA Scandinavia from 2003 to 2006. David has transformed the way the company views the management of waste for its customers, moving towards a resource efficiency and recycling-led approach. Until June 2017, David was also the President of the European Federation of Waste Management (FEAD).

BUILDINGS FOR THE FUTURE



John Alker, Director of Policies and Places at the UK Green Building Council

John leads the UKGBC's advocacy strategy, working with government and the private sector through its campaigns and major projects. This includes Advancing Net Zero, a global programme catalysing decarbonisation of the built environment in response to the Paris Agreement. He also leads UK-GBC's growing programme of work on cities, bringing city policy-makers together with industry to catalyse sustainable place-making. John is on the Board of the World Green Building Council.



Robin Lawler, Chief Executive of Northwards Housing

Northwards Housing is a not-for-profit ALMO (arm's length management organisation) that manages over 13,000 City Council homes across the north of Manchester. Robin is a member of Manchester's Strategic Housing Board and Chairs the North Manchester Housing Partnership. Before moving to Manchester, Robin worked in Leeds for over 20 years including being founder Chief Executive of Leeds West Homes, Assistant Director of Housing & Environmental Health with the Council & Project Director of Leeds Partnership Homes. Robin graduated in Planning, but went into the housing sector with Liverpool Housing Trust.

KEYNOTE SPEECH

Chris Boardman, Cycling and Walking Commissioner for Greater Manchester



Chris Boardman was appointed as Greater Manchester's first ever Cycling and Walking Commissioner in July 2017 by Mayor Andy Burnham. His report, Made to Move, published in December 2017, set out a 15 step plan to transform how people get around in the city region.

He is one of the UK's most prominent cycling and walking advocates and has been policy adviser to British Cycling since 2012. A former professional cyclist, Chris won a gold medal in the individual pursuit at the 1992 Barcelona Olympic Games. He also broke the world hour record three times and has worn the yellow jersey on three separate occasions at the Tour de France.

Chris launched his own range of bikes, BOARDMAN Bikes, in 2007 and is company chairman. He also worked as Head of Research and Development for the Great Britain Cycling Team from 2004 to 2012, including at the 2008 Beijing Games where the Olympic team won eight gold medals.

TRANSPORT



Andy Eastlake, Managing Director at the Low Carbon Vehicle Partnership

Andy was appointed as the LowCVP's Managing Director in April 2012, after serving both on the board and as chair of the Members Council for many years. As MD Andy has been integrally involved in the design and implementation of the latest accreditation schemes for both buses and HGVs, supporting DfT and OLEV in stimulating the uptake of low carbon technologies. He was formerly Group Head of Commercial and Projects at Millbrook Proving Ground where he led the work on powertrain test and development programmes and alternative fuels for a variety of global OEM customers. He is a Fellow of the Institution of the Mechanical Engineers and was formerly a Board member of CENEX the Centre of Excellence for Low Carbon & Fuel Cell Technologies.

FUTURE ENERGY



Eric Brown, Innovation Director at the Energy Systems Catapult

Eric oversees the Innovation team at Energy Systems Catapult which includes Modelling, Consumer Insight, Digital & Data, Systems Integration and Infrastructure & Engineering capabilities. Eric joined Innovate UK in April 2014 as Energy Systems Catapult Programme Manager. In this role he supported strategy development and planning and, in addition, led projects aimed at building early capability and presence for Energy Systems Catapult. In April 2015, when the Catapult was fully established, he became Interim Head of Strategy and Innovation.



Peter Emery, Chief Executive Officer of Electricity North West Limited

Peter joined ENWL as CEO in 2016 and is leading their £1.9bn investment programme. He has more than 30 years' experience in the energy industry having held senior roles at Esso, ExxonMobil, and Drax Group. Peter is a non-executive director at NG Bailey and is a board member of the York, North Yorkshire and East Riding Local Enterprise Partnership.

INTERVIEW AND DISCUSSION



Peter Gunn

Peter is an actor who has appeared in several TV series and TV films. On British television, Peter is best-known for his portrayal of Brian Packham, partner of Julie Carp, Headmaster of Bessie Street School and Weatherfield Council "Recycling Czar and Litter Enforcement Officer". He also played Len Cosgrove in the BBC series "Born and Bred" as well as dozens of guest-starring and recurring roles in other television series and films such as Frost, Heartburn Hotel and Sunshine.



Bez (Mark Berry)

Bez is a percussionist, author, dancer, media personality and comedian. He is a member of the rock bands Happy Mondays and Black Grape. Born in Bolton and growing up in Salford and Wigan, he was a maraca player, dancer and the mascot of Salford alternative rock band Happy Mondays, having been invited in by lead singer Shaun Ryder shortly after the band was formed.