

The background of the cover features a large, snow-capped mountain peak with a glowing red summit, set against a blue-tinted sky. The mountain is partially covered in snow, and the foreground shows a snowy slope with some evergreen trees. The overall aesthetic is industrial and technological, with faint, semi-transparent icons of a Wi-Fi signal, a lightbulb, and a gear overlaid on the scene. The text is positioned in the upper left corner.

NATIONAL MANUFACTURING SUMMIT

16-17
MARCH

2021

Event Information Pack

Contents

[Click to skip to section](#)

[Welcome](#)

[Event Purpose](#)

[Aims and Objectives](#)

[The Journey](#)

[Key Themes](#)

[National Manufacturing Summit Promo Video](#)

[A Few Words From Dr. Clive Hickman](#)

[Camp 1: An Idea of What to Expect](#)

[Keynote Speakers](#)

[The Schedule So Far](#)

Welcome

The National Manufacturing Summit is a fit-for-purpose national platform bringing the many voices of manufacturing industry together as one.

Focussing on celebrating manufacturing's resilience, ingenuity, and diversity, enabling change for a sustainable future. The Summit will serve to demonstrate through emerging technologies, the UK's world class industries and their contribution to the UK economy.

The National Manufacturing Summit is an opportunity to create a vision in preparation for the challenges ahead; a showcase for manufacturing and our shared priorities. We will hear from key influencers, who will provide a 'state of the nation', review progress on emerging technologies, and a presentation from 'new' sectors.

The Summit will provide a framework as to how the sector can contribute to the national recovery, built on resilience, innovation, and the re-shoring of our industry.



Richard Watkins

Group Marketing
Director, MTC

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Prof. Chris White

Director, Industrial Policy
Research Centre

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Event Purpose

To establish a fit-for-purpose national platform bringing the many voices of manufacturing together, enabling change for a sustainable future.

The manufacturing community will come together annually to celebrate its resilience, ingenuity and diversity.

Through emerging technologies, our world-class industries, such as aerospace and automotive, and our new sectors, such as space and med-tech, we will showcase our contribution to the economy.

Aims and Objectives

The National Manufacturing Summit has been created to achieve the following:

1. A renewed confidence in the manufacturing sector, through access to opportunities in new sectors and markets.
2. The dissemination of best practice, knowledge and strategic thinking.
3. Engagement with the latest tools and techniques to increase productivity and competitive advantage.
4. To provide a national forum for discussion and collaboration and to be part of setting the national manufacturing agenda, hearing from industry leaders, politicians and academics.
5. To access opportunities in new sectors and markets.

The Journey

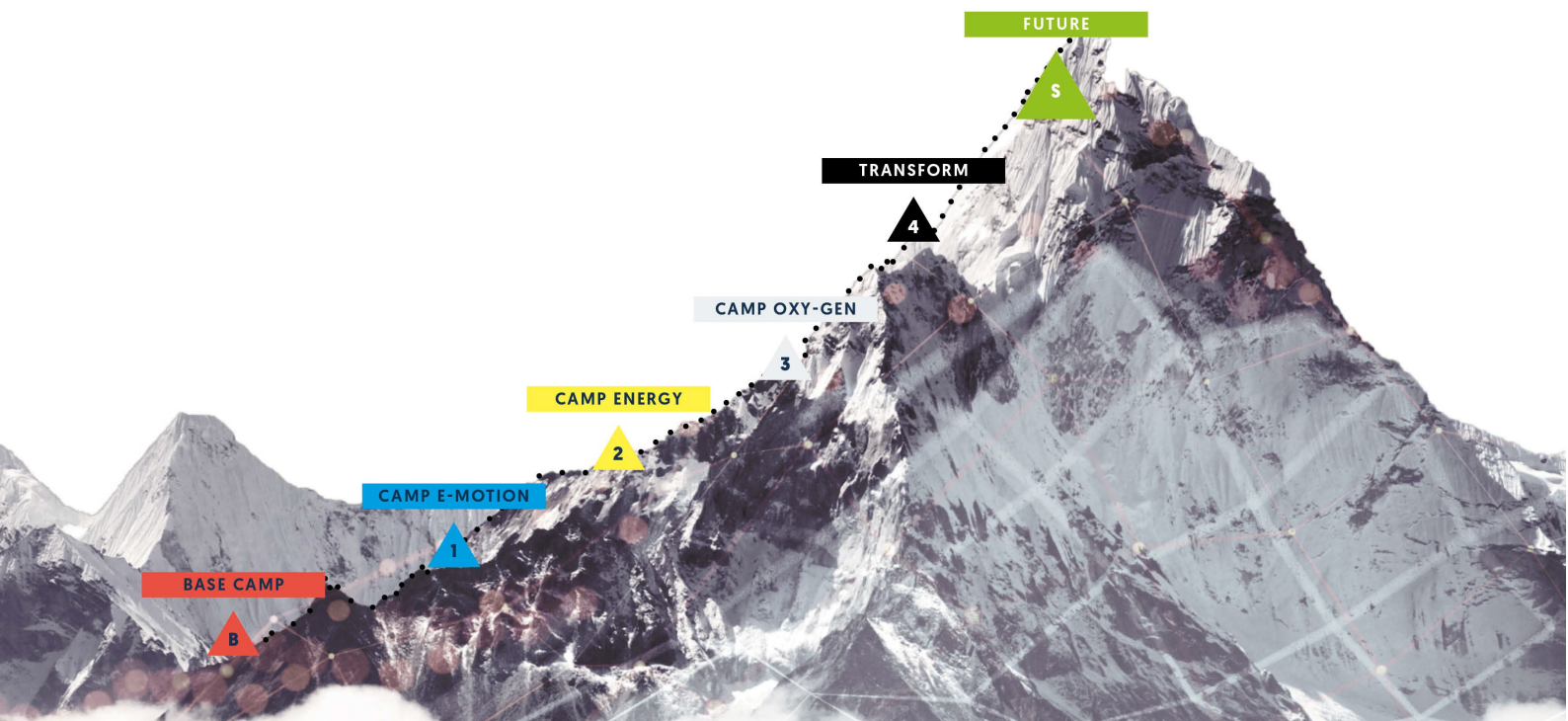
The journey will take us through four camps starting with camp e-motion, progressing to energy and camp oxy-gen, with a longer stop at camp transform, before we start our final ascent.

The themes are what you would expect - the energy and the oxygen that we need to survive and succeed in our journey, and the emotion we all have for our sector.

Along the way, you will meet with mountaineers, fighter pilots, Olympians, politicians, academics and fellow manufacturers – inspiring us, sharing their experience and vision.

An 11 week climb will be spread over four separate 45min 'Camp' sessions and three full days spanning the ITC & Summit activities.

| | |
|-------------------|--|
| Camp 1: E-motion | 3 rd February 2021 |
| Camp 2: Energy | 18 th February 2021 |
| Camp 3: Oxy-gen | 4 th March 2021 |
| Camp 4: Transform | 15 th March 2021 (Industrial Transformation Conference) |
| Summit | 16 – 17 th March 2021 |



Key Themes

The Summit is underpinned by five key themes.



Technology and Innovation



Net Zero – Low Carbon



SME's and Skills



Supply Chains and Infrastructure



Investment and Finance

National Manufacturing Summit Promo Video



A Few Words From Dr. Clive Hickman



Camp 1: An Idea of What to Expect



Keynote Speakers

A minimum of three 'Celebrity' Keynote speakers will be used in the camp sessions, these will span:

- Camp 'E-motion'
- Camp 'Energy'
- Camp 'Oxygen'

In addition, three industrial / manufacturing speakers will support the headline speakers across each 45minute session. Current confirmed keynote speakers include:



Sir Ranulph Fiennes

Considered 'The World's Great Living Explorer', the inspirational Sir Ranulph Fiennes has been breaking world records, discovering lost cities, and leading legendary (and sometimes life-threatening) expeditions worthy of the Odyssey for decades, in his 70s there is still no stopping him. A prolific writer, a dedicated fundraiser, and a motivational and keynote speaker on teamwork, leadership, and overcoming adversity, Ranulph has truly tested the limits of human endurance.



Mandy Hickson

Mandy Hickson was the second woman to fly the Tornado GR4 operationally and, since soaring on from the RAF, Mandy now draws on her experiences of strategic decision-making, leadership under pressure and communication to inspire others. Her charisma and practical takeaways make her the ideal speaker to both engage and train all kinds of audiences.



Al Peasland

Al Peasland is the Head of Technical and Innovation Partnerships for Williams Racing, working across the business to assist with Technical Partnership Management and Business Development. Al is a Chartered Engineer, a Fellow of the IMechE, a Member of CIM and has a wealth of experience as a Mechanical Design Engineer within the Aerospace and Automotive sectors, prior to becoming a senior manager within the World of Motorsport.

Confirmed Summit Speakers

Peter Ruddock CB CBE

CEO, Lockheed Martin

Nick Chaffey

CEO, Northrop Grumman

Tom Samson

Interim CEO, UK SMR Consortium

Dick Elsy CBE

CEO, High Value Manufacturing Catapult

Katherine Bennett CBE

CEO (Designate), High Value Manufacturing Catapult

Rosa Wilkinson

Director of Communications, High Value Manufacturing Catapult

Ken Skates MS

Minister for Economy, Transport and North Wales, Welsh Government

Diane Dodds MLA

Minister for Economy, Transport and Northern Ireland

Lord Adebowale CBE

Chair, Social Enterprise UK

Lord Grimstone

Minister for Investment at the Department for International Trade

Robin Budenberg CBE

Chairman, Lloyds Banking Group

Andy Storer

CEO, Nuclear AMRC

Lord Willetts

President, Resolution Foundation

Floriane Fidegnon-Edoh

Head of Industry, Technology and Innovation, Policy Connect

Stephen Phipson CBE

CEO, Make UK

Lord Bilimoria CBE DL

President of the CBI and Chancellor of the University of Birmingham

Dr. Clive Hickman

CEO, Manufacturing Technology Centre

Prof. Chris White

Director, Industrial Policy Research Centre

Margot James

Executive Chair, Warwick Manufacturing Group

Sir John Peace

Chair of the Midlands Engine Partnership and Midlands Connect

Neil Young

Engineering and Technical Director, Babcock International

Sarah Windrum

Chair-Designate, Coventry and Warwickshire Local Enterprise Partnership

Amanda Solloway MP

Minister for Science, Research and Innovation

Nick Timothy CBE

Daily Telegraph Columnist and Former
Chief of Staff to Theresa May PM

Helen Kennett

Director, UK Government Relations, Rolls-
Royce

Brenda Yearsley

UK Education Development Manager,
Siemens

David Thomas

Training and Development Manager,
Siemens

Prof. Alan Norbury

Chief Technologist, Siemens

Sian Court

Higher Degree Apprentice, Siemens

Miguel Fernandez-Vicente

Advanced Research Engineer,
Manufacturing Technology Centre

Ahmad Sheikh

Graduate Research Engineer, NCC

Fiona Hyslop MSP

Cabinet Secretary for Economy, Fair Work
and Culture, Scottish Government

Merisa Lee Gimpel

Head of Trade Innovation and Solution
Development, Lloyds Banking Group

Philip Pratley

Director, Trade and External Relations UK,
Leonardo

Martin Sutherland

Chief Executive, Coventry City of Culture
Trust

Prof. Bart van Ark

Professor of Productivity Studies,
University of Manchester & Managing
Director of The Productivity Institute

Nigel Driffield

Professor of International Business,
Warwick Business School & Deputy Pro-
Vice-Chancellor, University of Warwick

Rachel Hurst, FEng MSc FIET

Chief Operating Officer & Vice President –
IET, Domino Printing Sciences

Andrew Peters

Managing Director, Siemens Digital
Industries – Congleton

Emma Wiggs MBE

Paralympian

James Colgate

Operations Director, Williams Racing

Dr Cristiana Pace

Founder and Director, Enovation
Consulting

Mark Preston

Team Principal, DS Techeetah Formula E
Team

Paul Andrews

Head of Government Affairs, Arrival

March 16th – AM Itinerary

| | | |
|----------------|--|--|
| 9:30am | Daisy McAndrew Event Host and Comperere | Welcome and Introduction to Day 1 |
| 9:35am | Summit Launch Video | |
| 9:40am | Dr. Clive Hickman CEO, Manufacturing Technology Centre | Introduction: Inspiring Great British Manufacturing |
| 9:50am | Lord Grimstone | Introduction and Official Opening |
| 10:00am | Robin Budenberg CBE Chairman, Lloyds Banking Group | The State of the Manufacturing Nation |
| 10:30am | Fiona Hyslop MSP Cabinet Secretary for Economy, Fair Work and Culture, Scottish Government | |
| 10:40am | Diane Dodds MLA Minister for Economy, Transport and Northern Ireland | |
| 10:55am | Ken Skates MS Minister for Economy, Transport and North Wales, Welsh Government | |

11:10am Panel Discussions

Session 1: M2R

Dr. Clive Hickman
CEO, Manufacturing Technology Centre

Sir John Peace
Chair of the Midlands Engine Partnership and
Midlands Connect

Session 2: Finance and
Investment

Merisa Lee Gimpel
Head of Trade Innovation and Solution
Development, Lloyds Banking Group

Jeavon Lolay
Lloyds Banking Group

Session 3: Defence

Nick Chaffey
CEO, Northrop Grumman

Philip Pratley
Director, Trade and External Relations UK,
Leonardo

12:05pm Comfort Break

12:15pm Session 4: R&D - Advanced
Research Projects Agency

Lord Willetts
President, Resolution Foundation

Session 5: Four Nations

TBC

Session 6: Global Britain

Peter Ruddock CB CBE
CEO, Lockheed Martin UK

1:10pm Daisy McAndrew
Event Host and Compere

Thank You, Recap and Summary
Lunch Break - Back at 2:00pm

March 16th – PM Itinerary

| | | |
|---------------|---|---|
| 2:00pm | Daisy McAndrew Event Host and Comperere | Welcome Back and Introduction to Afternoon Sessions |
| 2:05pm | Panel Discussions | |
| | Session 7: High Value Manufacturing | Katherine Bennett CBE CEO (Designate), High Value Manufacturing Catapult |
| | | Margot James Executive Chair, Warwick Manufacturing Group |
| | | Prof. Chris White Director, Industrial Policy Research Centre |
| | | Helen Kennett Director, UK Government Relations, Rolls-Royce |
| | Session 8: Next Generation Energy | Neil Young Engineering and Technical Director, Babcock International |
| | | Tom Samson Interim CEO, UK SMR Consortium |
| | | Andy Storer CEO, Nuclear AMRC |
| | | Rosa Wilkinson Director of Communications, High Value Manufacturing Catapult |
| | Session 9: Manufacturing Heritage – Coventry | Martin Sutherland Chief Executive, Coventry City of Culture Trust |
| | | Sarah Windrum Chair-Designate Coventry and Warwickshire Local Enterprise Partnership |

| | | |
|---------------|---|---|
| 3:00pm | Comfort Break | |
| 3:15pm | Session 10: Q&A Session with Sir Ranulph Fiennes | Sir Ranulph Fiennes Explorer and Inspirational Speaker David Atkinson Regional Director, SME & Mid Corporates Banking, East England and UK Head of Manufacturing SME & Mid Corporates, Lloyds Banking Group |
| 4:15pm | Daisy McAndrew Event Host and Compere | Thank You, Recap and Summary Day 1 Event Close |

March 17th – AM Itinerary

| | | |
|---------------|--|--|
| 9:30am | Daisy McAndrew Event Host and Compere | Welcome and Introduction to Day 2 |
| 9:35am | Amanda Solloway MP Minister for Science, Research and Innovation | Introduction |
| 9:50am | Panel Discussions | |
| | Session 11: F1 and Automotive – Low Carbon | <p>Al Peasland Head of Technical and Innovation Partnerships, Williams Racing</p> <p>James Colgate Operations Director, Williams Racing</p> <p>Dr Cristiana Pace Founder and Director, Enovation Consulting</p> <p>Mark Preston Team Principal, DS Techeetah Formula E Team</p> <p>Paul Andrews Head of Government Affairs, Arrival</p> |
| | Session 12: Industrial Revolution 1.0 and SME's | <p>David Williams Arkwright Heritage Foundation</p> |
| | Session 13: Skills for the Future | <p>Brenda Yearsley UK Education Development Manager, Siemens</p> <p>David Thomas Training and Development Manager, Siemens</p> <p>Prof. Alan Norbury Chief Technologist, Siemens</p> <p>Sian Court Higher Degree Apprentice, Siemens</p> |

10:40am **Comfort Break**

10:50am **Panel Discussions**

Session 14

Mandy Hickson
Motivational Speaker

Session 15: Productivity

Prof. Bart van Ark
Professor of Productivity Studies, University
of Manchester & Managing Director of The
Productivity Institute

Nigel Driffield
Professor of International Business, Warwick
Business School & Deputy Pro-Vice-
Chancellor, University of Warwick

Session 16: SME's

TBC

11:40am **Comfort Break**

11:50am **Panel Discussions**

Session 17: Supply Chains

TBC

Session 18: Unallocated

TBC: Hexagon MI*

Session 19: Unallocated

TBC: Bosch Rexroth*

March 17th – PM Itinerary

| | | |
|---------------|--|---|
| 2:00pm | Daisy McAndrew Event Host and Compere | Welcome Back and Introduction to Afternoon Sessions |
| 2:05pm | Rosa Wilkinson Director of Communications, High Value Manufacturing Catapult | Agility and Transformation |
| 2:15pm | Panel Discussions | |
| | Session 20: Ventilator Challenge | Dick Elsy CBE CEO, High Value Manufacturing Catapult |
| | Session 21: Institutions, Think Tanks and Trade Bodies | Rachel Hurst, FEng MSc FIET Chief Operating Officer & Vice President – IET, Domino Printing Sciences |
| | | Floriane Fidegnon-Edoh Head of Industry, Technology and Innovation, Policy Connect |
| | | Stephen Phipson CBE CEO, Make UK |
| | Session 22: Pathway to Net Zero | Andrew Peters Managing Director, Siemens Digital Industries – Congleton |
| 3:05pm | Comfort Break | |

| | | |
|---------------|---|---|
| 3:15pm | Panel Discussions | |
| | Session 23: Social Impact and Resilient Communities | <p>Lord Adebowale CBE Chair, Social Enterprise UK</p> <p>Nick Timothy CBE Daily Telegraph Columnist and Former Chief of Staff to Theresa May PM</p> |
| | Session 24: Unallocated | TBC: Renishaw* |
| | Session 25: Team Work and Collaboration – Going for Gold in Tokyo 2021 | <p>Emma Wiggs MBE Paralympian</p> <p>Miguel Fernandez-Vicente Advanced Research Engineer, MTC</p> <p>Ahmad Sheikh Graduate Research Engineer, NCC</p> |
| 4:10pm | Lord Bilimoria CBE DL President of the CBI and Chancellor of the University of Birmingham | Drawing the Summit to a Close |
| 4:20pm | Dr. Clive Hickman CEO, Manufacturing Technology Centre | Thank You and Final Words |

* awaiting final speaker confirmation.

