



Welcome

to the

LLEP AGM - 2021 -



LLEP Annual Report

2020/21

VIDEO
PRESENTATION



LLEP Financial Statement

2020/21

ANDY REED



LLEP Limited operates as a dormant company with zero assets, zero income and zero expenditure .

Leicester and Leicestershire
Enterprise Partnership Limited
Registered Number 11932434



Balance Sheet as at 31 March 2021

	£
Fixed Assets	0
Current Assets	0
Current Liabilities	0
Total Assets less Liabilities	0
Capital and Reserves	0

We receive funding for our day-to-day core activity from central government and local partners. In addition to a 2.5% management fee from programmes.

Leicester and Leicestershire
Enterprise Partnership Limited
Registered Number 11932434



LLEP Operating Account

	£000's
Income	
Grants	640
Local authority contributions	250
National and local project income	1422
Fees, interest and other income	511
Total income	2,823
Expenditure	
Staffing	929
Running costs	332
Accountable body costs	182
Programme delivery	1307
Total expenditure	2,750
Net surplus/deficit	73

New Board Directors

KEVIN HARRIS



Leicester & Leicestershire
Enterprise Partnership

Cllr Danny Myers

LEICESTER CITY COUNCIL

Assistant City Mayor
for Jobs, Skills, Policy Delivery
and Communications



**Declan Allen
and
Andy MacDonald**
MIRA TECHNOLOGY PARK

**LOW CARBON
AND THE FUTURE
OF MOBILITY**

llep

Leicester & Leicestershire
Enterprise Partnership

creating economic prosperity

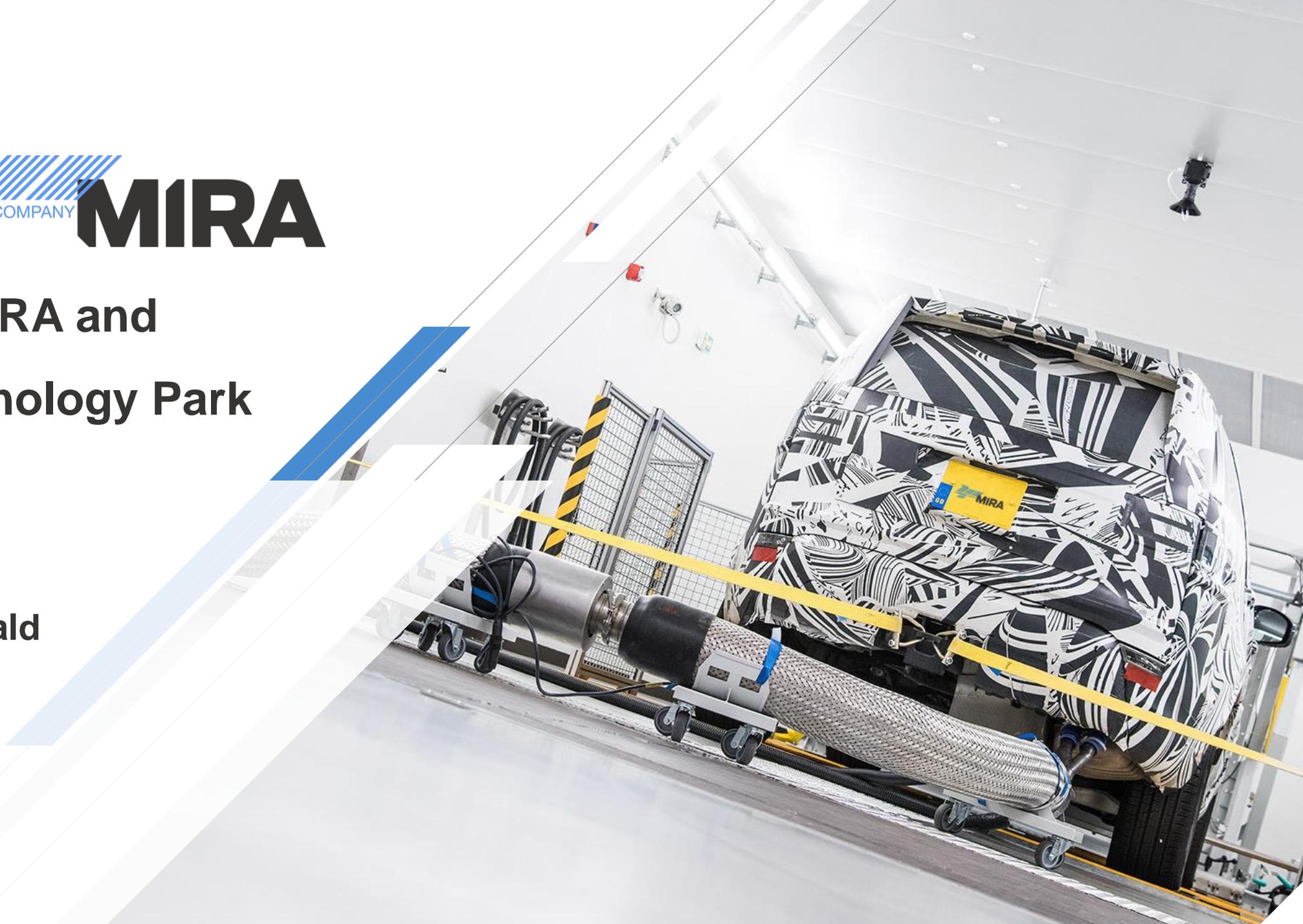


HORIBA MIRA and MIRA Technology Park

Overview

Declan Allen
Andy Macdonald

29th June 2021



HORIBA MIRA: A global-leader in engineering, research and product testing, and a strategic location for transport R&D



**Vehicle Engineering
Consultancy**



**Test Engineering
Services**



Technology Park

We are part of the Automotive business segment within HORIBA

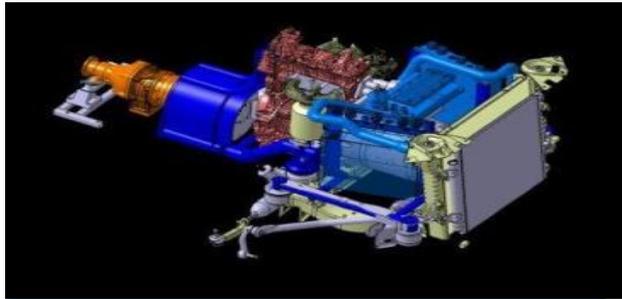


HORIBA

- Est. 1945 by Dr Masao Horiba
- 8200+ staff worldwide
- Headquarters in Kyoto, Japan
- Locations in Europe, Americas, Japan, Asia
- Net sales: 200.2bn Yen
- Operating income: 20.9bn Yen
- R&D expenditure 8.1% of net sales

Major global trends driving R&D in the automotive industry

Low Carbon Technology (Electrification)



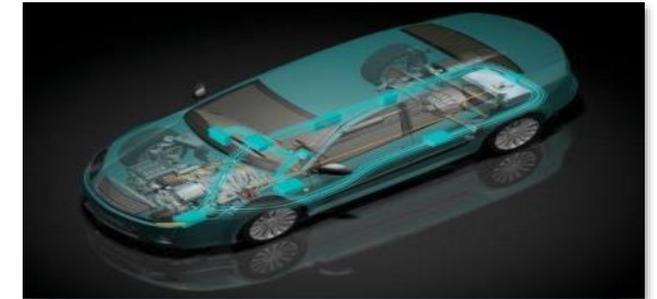
Shell scenarios 2008 predicts 40% of transport fuel will be electricity or hydrogen by 2050

Connectivity & Autonomy



Connected & Autonomous Vehicles (CAV) estimated to be a £50bn UK opportunity by 2030

Resilient Systems



By 2020 40% -50% of the material cost in vehicles will be electrical systems

These drivers are shaping transportation business for the next 25 years

Within this our purpose is to improve lives ...



Making vehicles



Enabling vehicles
to be



Making
journeys



Developing vehicles
that

SAFER

CLEANER

SMARTER

PERFORM

.... Our vision is to positively influence every journey

Overall, HORIBA focuses on 3 main technology areas... with MIRA a key global flagship R&D location ...



Heavy recent investments in state of the art test facilities to support real world driving (RDE) emissions

UK leader in RDE services

House the global HORIBA development team of next generation RDE+

Significant high technology job creation

Host a number of OEM & Tier 1 tenants accessing these services

Significant recent investment in state of the art test facilities to support battery and battery control

Comprehensive engineering capability securing major international programmes

Working with both traditional and emerging car manufacturers on EV's

Still much to do as technology matures and we develop our location as an EV R&D hub

Major current investments to create unique global hub for deployment and verification of CAV technology

Comprehensive engineering capability securing major research programmes

Significant international interest in CAV technology areas from Asia, US and Israel

Still much to do as technology matures and further investments expected

We develop and host highly innovative technologies to solve complex problems, increasingly in the Electrification & Autonomous areas



Leading Edge Engineering Capability

UNIQUE PLATFORM
WITH LEADING
VEHICLE
ATTRIBUTES



HYBRID
ELECTRIC
POWERTRAIN



PIONEERING
ARTIFICIAL
INTELLIGENCE



AUTONOMY
UP TO
LEVEL 5



Our complete solution for bus electrification



Our complete solution for bus electrification



HORIBA MIRA designs the specific retrofit solution for your vehicle and requirements, with specialist UK installers to manage the retrofit itself

Flexible solutions

We can offer retrofit solutions for all types of single and double-decker buses.

Sustainable

Converting an existing diesel bus saves resources and cost compared to buying new electric buses.

Refurbishment

Through our installation partners, we can also refurbish the bus economically to provide a 'new bus' look and feel to your retrofit.



Heating and cooling
Efficient heating and air conditioning systems can be installed depending on your specific needs.

Compact battery system
BMZ's batteries use state-of-the-art NMC cells; additional batteries can be installed to increase range if required.

Integrated electric drivetrain
ZAwheel is a fully integrated electric axle, compatible with standard axles for low-floor buses, saving space and reducing complexity; adaptations on the bus undercarriage.

Charging
CCS DC Charging as standard, optional onboard AC charging.

Complementing our engineering strategy, we are developing Europe's premier destination for transport R&D



Success with New Entrants particularly in the Low Carbon space

Strategic Approach

Commercial focus on new Electric Vehicle entrants
Typically well-funded start-ups/scale-ups
Success with engineering and Technology Park offerings
Acceleration of their capabilities and footprint
Supporting global manufacturing



Optimising Growth

Capital efficient operation
Accommodate growth
Enhance employment – attracting talent
Foster collaboration and stakeholder support



Bespoke Facility Development



*“Our vision is to be a **global centre of excellence** where industry leaders, engineers, technicians and business professionals come to **develop industry essential skills**, key to fuelling their career ambitions and their employers business success.”*



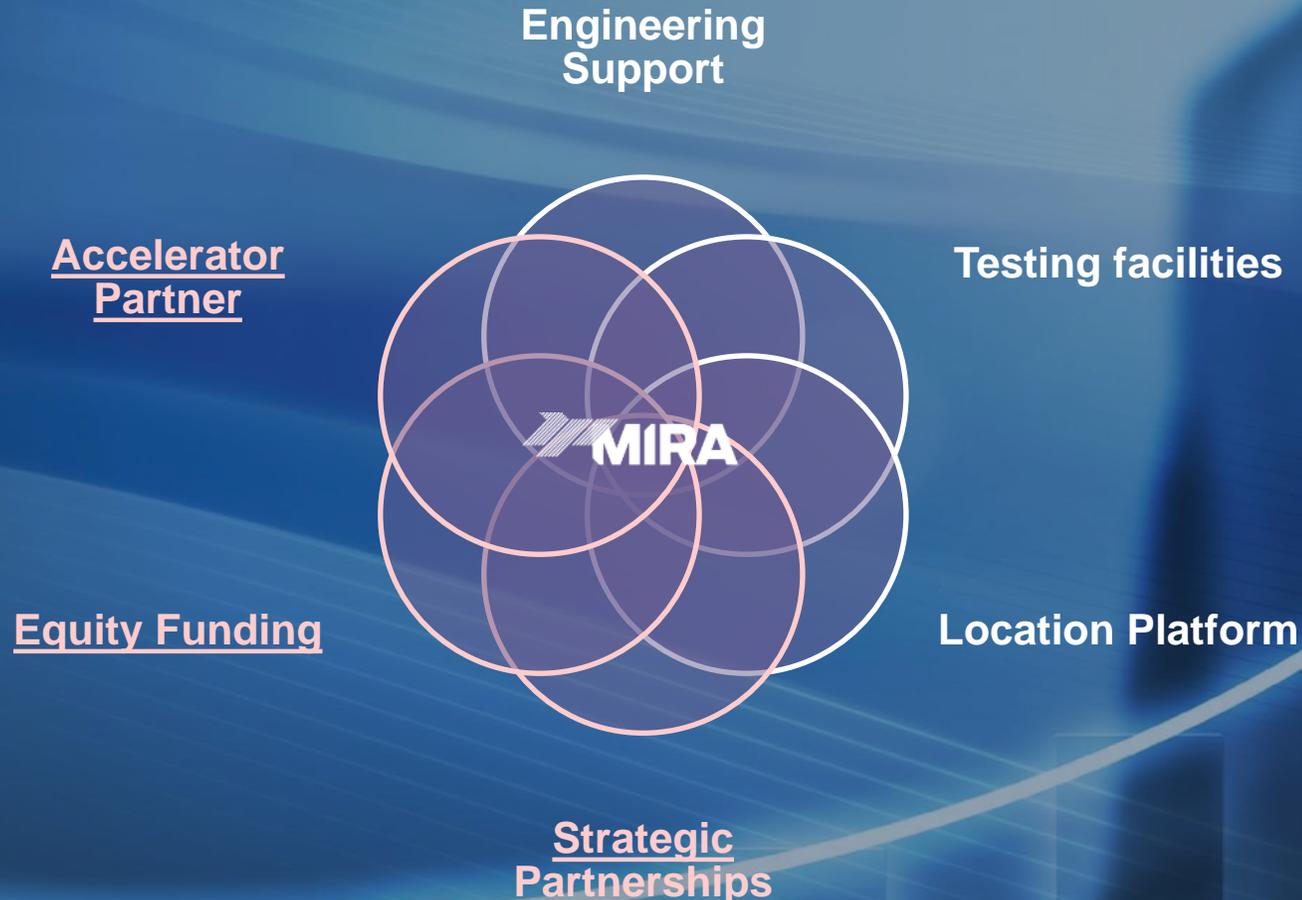
Funded by



Delivery Partners



MIRA Low Carbon Innovation Hub



- Operational in 2021
- Cost effective repurposing of existing assets
- New investment in Hydrogen and EV infrastructure future-proofing R+D
- Technology focussed growth platform
- Powerful growth facilitator and inward investment catalyst
- Skills generation through MTI collaboration
- Enhanced high value job creation

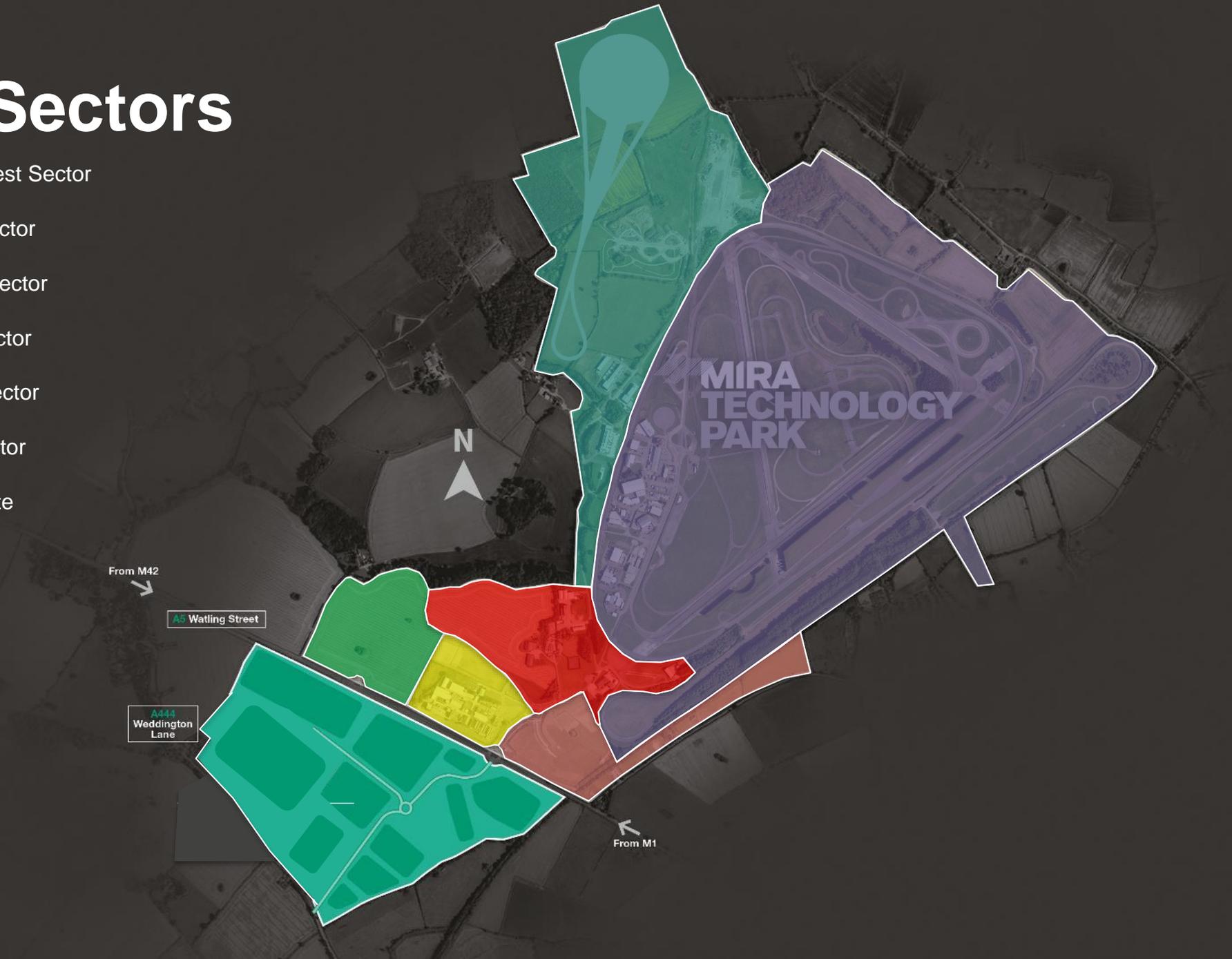
Hydrogen Fuel Cells – Innovation focus for EZ cluster

- ❑ Growing industry focus on hydrogen fuel cell solutions for high utilisation applications
- ❑ Alignment with the UK Government Hydrogen Agenda
- ❑ Strong UK and international demand for appropriate facilities to test and develop hydrogen fuel cells
- ❑ The combination of hydrogen-ready infrastructure integrated within the extensive test facilities at MTP offers strong inward investment catalyst
- ❑ Critical window to deliver the necessary strategic infrastructure investment proposed within 12-18 months



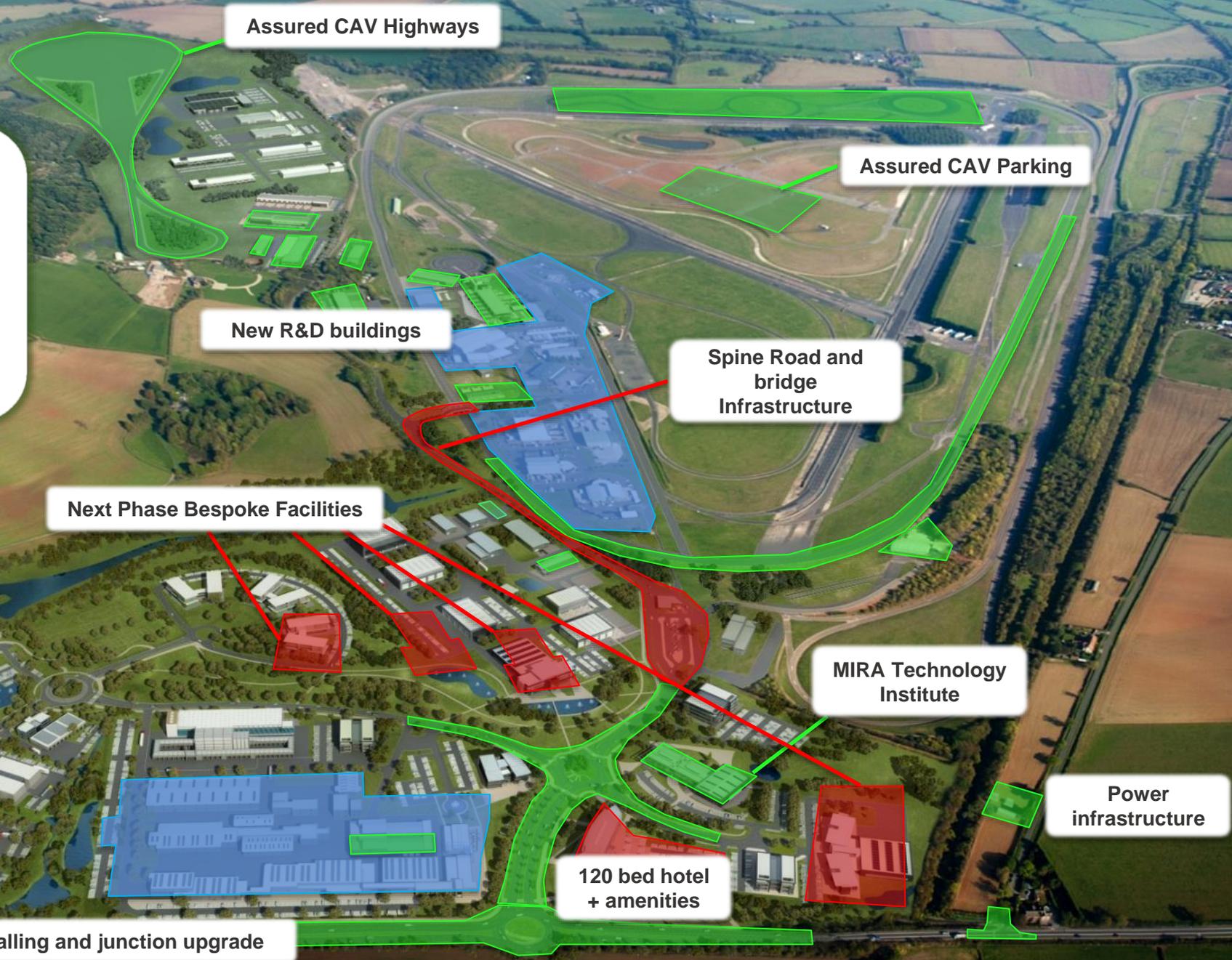
Sectors

-  North West Sector
-  North Sector
-  Centre Sector
-  West Sector
-  South Sector
-  East Sector
-  South Site



Status

- Existing
- Completed
- Future Development



MIRA Technology Park

Masterplan development

Next phase of development comprises £50-70M investment

Strong interest from leading international engineering companies

Fuelling growth in the technology cluster of both UK and international companies

Building on job creation and sector-based skills training within next 3 years

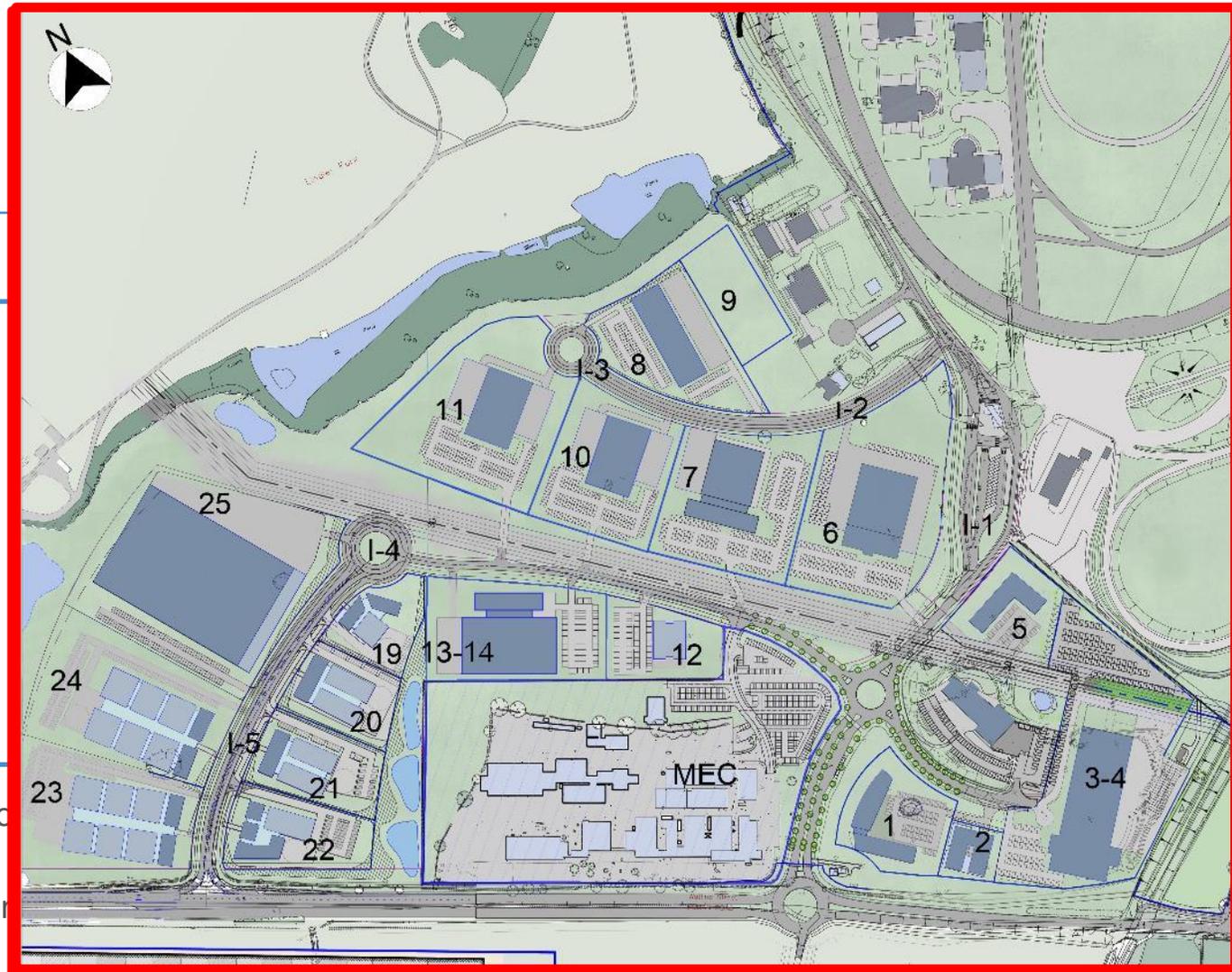
Southern Manufacturing Sector

Additional 2.5M sqft development proposed to grow the technology cluster to 4.25M sqft (c.5,500 jobs)

Focussed on low carbon manufacturing integral to existing Technology Park

Strong support from regional stakeholders

Opportunity for cross-boundary collaboration and to reinforce significant scale of low carbon sector inward investment potential





Thank you



Progress in 2021

PRIORITIES AND
OUR ECONOMIC
GROWTH STRATEGY

ANDY REED





**We are continuing with our
Business Tracker Survey**



Covid-19 Economic Recovery Action Plan



Priority Theme: Business


lep growth hub
business gateway
supporting business growth


Peer
Network



**Priority Theme: People,
Employment and Skills**





#LeicsIW2021



Priority Theme: Innovation



**Carbon Literate
Organisation**
Bronze



Priority Theme: Low Carbon

zellar



Priority Theme: Infrastructure



**Priority Theme:
Enterprise Zones**



**We are finalising our 10-year
Economic Growth Strategy**

10-year growth projection for Leicester and Leicestershire

2020

GVA:
£24.5 billion

Jobs:
538,000

2030

GVA:
£30.2 billion

Jobs:
568,000



PRODUCTIVE

Grow GVA and productivity, continue to develop a leading science and technology-led economy

1. Entrepreneurial, resilient and high growth businesses
2. Attract and grow international business and economic activity
3. Skills for growth
4. World class business locations



INNOVATIVE

Global innovation leadership, increase innovation activities across the whole business base

1. Global innovation leadership
2. Increase and broaden innovation activity amongst businesses
3. Successfully pioneer and apply emerging and new technologies

INCLUSIVE

Create a resilient, adaptive workforce where all residents have access to skills and career progression

1. Informed choices and routes to job and skills progression
2. Improve skills and qualifications attainment for all
3. Improve incomes, reduced economic exclusion and poverty



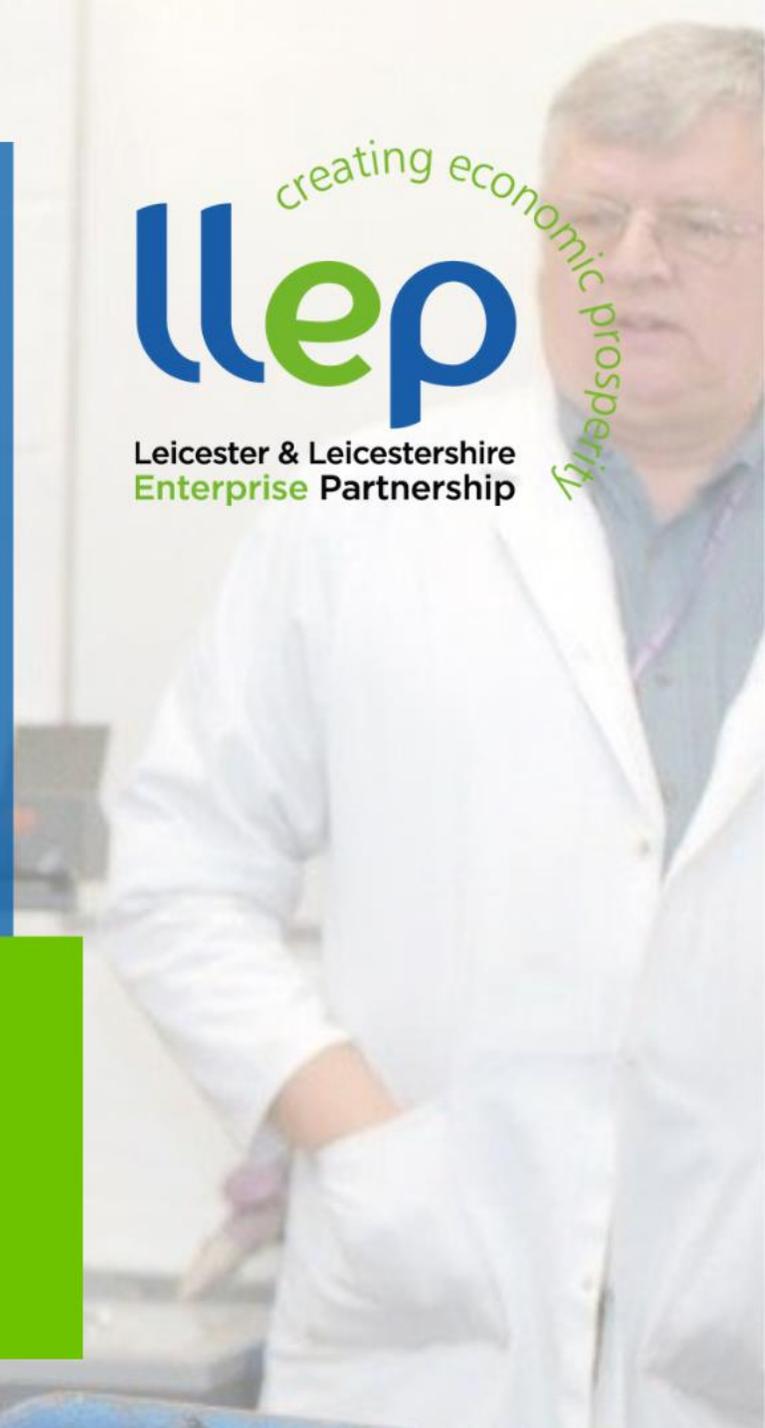
SUSTAINABLE

A leader in low carbon solutions, with sustainability principles built into everything we do

1. Sustainable places, city and town centres
2. Sustainable transport and connectivity
3. Sustainable energy
4. Sustainable business



Questions for the Board of Directors



Thanks and Closing Remarks

creating economic prosperity

llep

Leicester & Leicestershire
Enterprise Partnership