

Advanced Manufacturing in
Liverpool City Region:
Opportunities for Growth

CONTENTS

Introduction	1
<hr/>	
The Trends in Advanced Manufacturing	2
I The Global Picture	
II The National Picture	
III The Local Picture	
<hr/>	
Steps to Growth	3
<hr/>	
Going from Strength to Strength	4
<hr/>	
Together We Stand	5
<hr/>	
People. Business. Growth	6
I People	
II Business	
III Growth	
Activity 2013/2014	
<hr/>	
Glossary	7



INTRODUCTION



Advanced Manufacturing is a major industry and contributor to the economy of the Liverpool City Region

We want a skilled, dedicated workforce that is locally grown, competing on a world stage

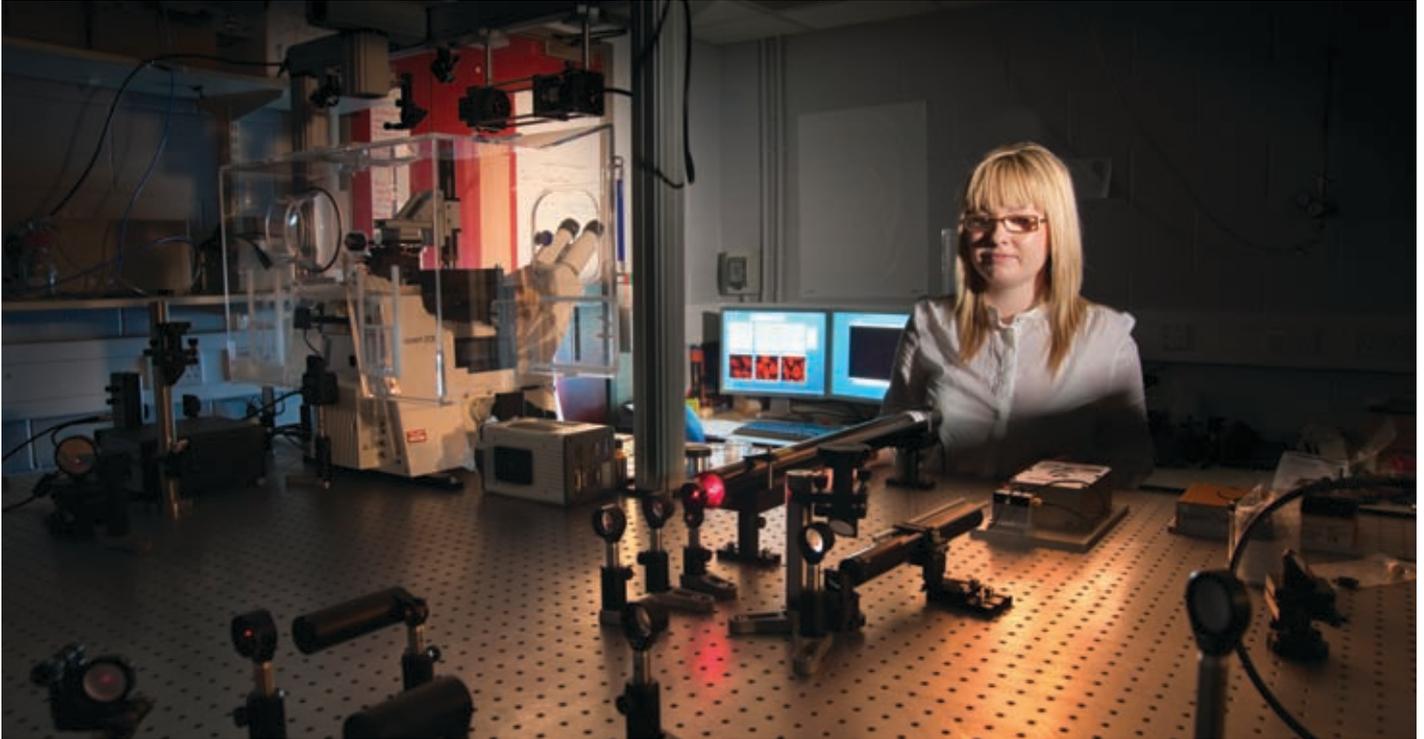
We want to inspire business, to promote investment

Most importantly, we want to grow

This is how we can do it

It provides global links with manufacturing firms, creating jobs requiring skills and experience, driving innovation as well as growth. This report will establish what Advanced Manufacturing needs within the Liverpool City Region (LCR) if it is to continue to expand. Growth will benefit every corner of the local economy.

There are 3,000+ manufacturing companies in the Liverpool City Region, many of them household names like Jaguar Land Rover, Johnson Controls, ABB, Unilever, United Biscuits and Cammell Laird. From pharmaceuticals to shipping, car manufacture to energy development, the sector is made up of multi-nationals and homegrown talent. Over 50,000 people are employed in the sector. It generates £2.7billion to the LCR economy. This is an industry to be nurtured and promoted.



Like the Liverpool City Region itself, Advanced Manufacturing stands in good stead compared with the rest of the UK. The LCR has a population of 1.6million and a £22billion economy. It has seen significant growth over the past decade, building and securing its business base. In the face of the global downturn, the LCR economy has demonstrated great resilience.

At the forefront is its manufacturing sector. It is one of the most productive in the UK, outstripping the national average. In the LCR, the manufacturing sector contributed 13.2% to the City Region's economic output. In the UK the figure stood at 11.6% (2009). This level of productivity is hugely attractive to global firms. Manufacturing, therefore, is hugely important to the Liverpool City Region and its ability to grow and expand its economy.

Growth in the sector is not a given, however. Advanced Manufacturing faces challenges in the global economy. There are changes in technology to consider, supply chains, as well as routes to market and customer demands. Companies may find themselves needing to change the way they operate, as well as sourcing investment.

The biggest challenge undoubtedly is on the national stage; employment in manufacturing is reducing. Asia has a competitive advantage based on cheaper labour costs. Outsourcing has hit the UK manufacturing sector hard. There are opportunities to reverse this trend. Transport costs are making Western economies compete for business once again. It is more expensive to work in emerging economies thanks to a lack of infrastructure.

There is more work in the West focusing on digital technology and biotechnology, as well as a target for development in the way the sector can work in a more energy efficient manner and be greener.

Liverpool City Region must focus on People, Business and Growth. Advanced Manufacturing needs to be more efficient. There needs to be a focus on entrepreneurship to foster connectivity between local, regional and national business. We need to develop the local supply chain, making it work for everyone. Inward investment needs to increase and there needs to be more support for Advanced Manufacturing firms who are feeling the pressure.

The Liverpool City Region can play a major part in the UK-wide development of manufacturing.

This is how.



THE TRENDS IN ADVANCED MANUFACTURING

Look at the wider picture

2



Advanced Manufacturing in the Liverpool City Region doesn't operate in isolation. It fits into a global and a national context. The changing trends in manufacturing globally and nationally offer real opportunity for growth locally.

I. The Global Picture

There is an increasing drive towards redefining the international manufacturing strategy. The drive in recent decades has been towards lower and lower production costs. Work has moved to chase the lower rates and jobs have been shifted to areas where labour is cheaper.

There are signs this period is coming to a close. What's next?

Increasingly on the global manufacturing stage the concerns are focused on the cost and scarcity of energy, resources and materials. Manufacturing is set to become greener and this will drive the next phase.

We are seeing this through a number of different trends.

Sustainability is critical.

Some companies are reconsidering their off-shore and manufacturing policies. They look at the increasing transport costs, the natural disasters that have impacted on supply chains, and they consider the fragility of the emerging economies they have relied on. The world is facing limited resources which means investment is turning towards more lightweight technology, composite materials and making manufacturing more sustainable. Recycling, an efficient energy generation are prime concerns.

The digital revolution has the potential to affect every stage of the manufacturing process. There will be a knock-on effect in terms of infrastructure as firms consider their data processing and storage.

Manufacturing is changing.

The trend is towards a *shorter and more flexible production run*, one that can be adapted for a higher level of customisation. Automation and technology will drive change.

Repatriation and on-shoring means these companies will be looking for a manufacturing base with a strong supply of skilled labour and a focus on ecological issues.

They will look for a base with strength in sustainability, biotechnology and the development of bio-based sources of material.



II. The National Picture

Manufacturing has been declining in the UK for a generation. In 1970, it represented 34% of GDP. By 2011, it had fallen to 13%. Employment in the sector had dropped by a third.

It's a stark fact, but it isn't the whole story. Manufacturing is still important to the UK economy, in fact more so than other Western economies; the sector represents 13% of economic output, compared with 11% in France and 12% in the US. Rank each country by its manufacturing output and the UK is in 9th position.

There is also capacity for growth. The Technology Strategy Board (TSB) published a report looking at where growth could come from in the manufacturing sector. It highlighted pharmaceuticals, biotechnology, aerospace, automotive, energy and the digital economy.

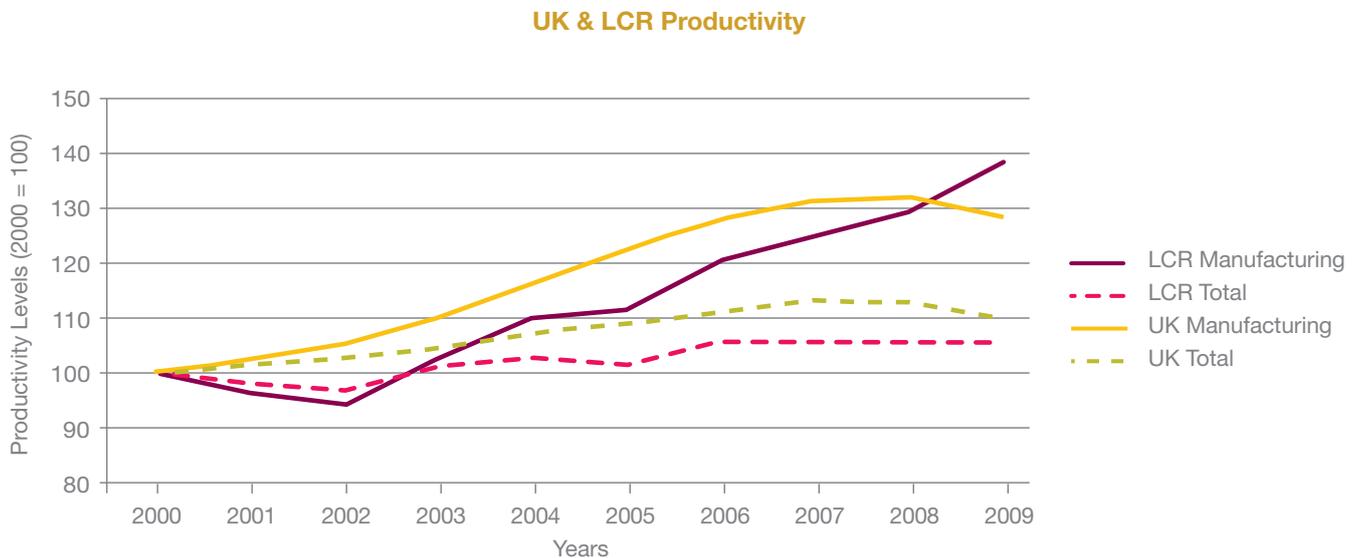
More specifically it listed the key areas for growth that will become increasingly important:

- **Materials science – lightweight material and composites**
- **ICT**
- **Sensors**
- **Robotics**
- **Bioprocessing**
- **Data processing and Storage**
- **Energy Management**

Advanced Manufacturing companies in the Liverpool City Region can seize this opportunity.

Advanced Manufacturing represents more than a tenth of the Liverpool City Region economy

It can make a bigger contribution to the UK output, creating jobs, growth and driving innovation



Source: Cambridge Econometrics

Across the UK, manufacturing represents 11.6% of economic output. In the LCR it is higher at 13.2%

53,000 people work in the LCR's manufacturing sector.

They contribute £2.7 billion to the City Region's economy. The money doesn't stop there; it is filtered through the supply chain

III. The Local Picture

It is a competitive and productive sector ideally placed for growth. To boost employment, however, there needs to be increased investment. That needs to come from both existing companies in the sector, new ones attracted and the Local Enterprise Partnership (LEP).

If the UK is looking towards emerging technologies to herald this growth, the Liverpool City Region (LCR) is in a good position:

- In bioprocessing it achieves national recognition with private firms operating alongside university research teams
- In automation new materials and new build processes have made it a globally recognised model for improved productivity and performance

As the UK manufacturing sector changes and adapts, the LCR must seize the opportunity.

Skills are vital. The majority of manufacturing workers in the region are in skilled trades, machine operatives and in processing plants. The national trend towards new sectors demands an increase in workers with professional and technical jobs. To achieve this there needs to be an increase in educational attainment in the City Region. Work is already being done and more pupils are achieving five or more GCSEs in a bid to catch up with the national average. But the work is just beginning.

Manufacturing's focus on productivity led to jobs being cut. The decline won't stop but it is predicted to drop to a slower rate. Demand is set to increase from emerging economies like Asia and South America. LCR companies must be able to meet demand.

The LCR Advanced Manufacturing sector, like that across the UK, cannot compete on cost. It can, however, be competitive in terms of quality, innovation and efficiency.

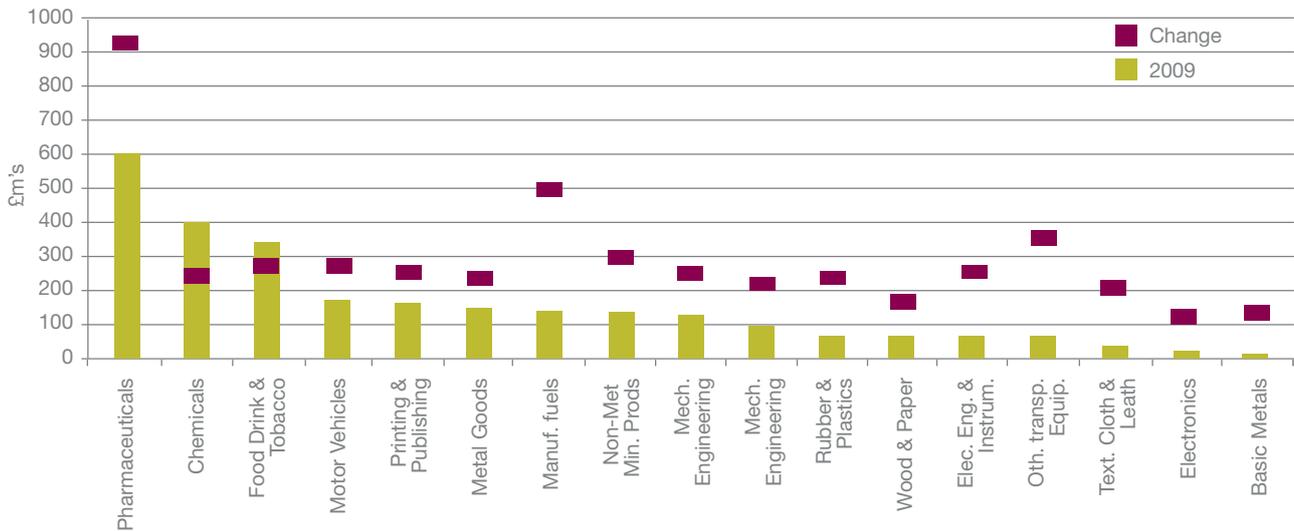


STEPS TO GROWTH

Tapping potential

3

Output growth sub-sectors in LCR



Source: Cambridge Econometrics

Focus is required to achieve expansion and growth

Creating a young, innovative and skilled workforce

The Advanced Manufacturing sector of the future needs a workforce that is skilled and semi-skilled; that is well-versed in research, innovation and development as well as manufacturing, assembly, commercial needs, logistics, financial activities and administration.

The market needs to change to reflect and respond to a changing demand and the labour supply needs to be flexible.

Manufacturing needs to tap the potential of the City Region to grow a flexible, well-educated and skilled workforce. There are 980,000 people of working age in the LCR – a figure that has grown over the last five years – and there are 80,000 full-time students.

Increase that population to include those who live just an hour's commute away and the population swells to 6.9million. Increase the commute to two hours and it more than doubles to 14.9million.

A tenth of the LCR's workforce is aged 16-19. That is above the national average. A fifth of the working age population is in their twenties. There is real potential to develop skills and reap the benefits while these individuals are still in employment, capitalising on the current working generation.

The working life of long-serving and established workers in conventional manufacturing process is ending. A new pool is required. At the same time, advanced manufacturing now represents leading edge technology and innovation. The new workforce must be equipped with skills and motivation to match.



GOING FROM STRENGTH TO STRENGTH

4



Our Advanced Manufacturing industry is in a good position to capitalise on opportunity and to help it grow and expand

What are companies that plan to invest in manufacturing looking for? They want skills, a secure supply chain and good transport links, along with a focus on research, innovation and development.

The Liverpool City Region is already in a good position. We can't rest on our laurels so access to finance and work has to continue to make the most of each of our strengths. This will help us continue to be a compelling environment for investors.

I. Transport

A century ago, one in four ships travelled through the River Mersey and the Liverpool City Region was the gateway to the world. The means of travel may have changed but in the 21st Century the LCR remains at the forefront of infrastructure technology, investment and accessibility:

- The City Region is at the tip of the UK's motorway infrastructure served by M6, M56, M53, M62, M57, M58. It is as easy to travel across the East and West of the UK as it is North and South
- Most of UK's cities are a three hour's drive away
- The Mersey Gateway – a further crossing on the Mersey west of Warrington with ease peak congestion on the Runcorn Bridge and improve road connectivity
- There are rail mainline stations across the City Region. You can visit any UK city for business within the day. It is just two hours to London
- Digitally connected – 100% broadband and complete city centre Wi-Fi make the LCR one of Europe's most connected urban areas. Next generation broadband installation is underway
- The Liverpool City Region SuperPort is building on traditional trade links and bringing them into the 21st Century. An international gateway for cargo between the UK, Ireland, the US and Canada, Liverpool is already the largest container port in the UK. It is set to improve with a £1.8billion investment set to affect the whole City Region;
- Liverpool2 – a £300million deep water container terminal with



a 100,000sq ft warehouse, to handle some of the world's largest post Panamax vessels. The aim is to increase volume from 700,000 containers a year in 2002 to two million by 2020. Due for completion 2015

- World Cargo Centre – at Liverpool John Lennon Airport. The aim is to increase tonnage each year 100,000 by 2020
- International travel from Liverpool John Lennon Airport and Manchester Airport means the City Region serves more direct destinations than Heathrow. LJLA is one of Europe's fastest growing airports flying to 60 destinations, with capitals including Paris, Madrid and Berlin. Manchester Airport flies to 200 destinations including 60 flights a week to the US

II. Sites to see

Development sites attract investment from both new and existing companies.

Developers, landowners and Local Authorities are bringing forward development sites in all boroughs of Liverpool City Region. The larger sites range in size from 10 to 100 hectares. They are close to the Port, motorways and rail freight facilities. Key existing sites include: Wirral Waters; 3MG in Halton; Knowsley Industrial Park; Atlantic Park in Sefton; G Park in Liverpool; and Parkside Colliery in St Helens.

III. University and Research

Knowledge is integral to growing our economy. Research facilities, driven by the City Region's universities, are integrated with private sector expertise. It is a significant asset helping us to stride ahead of the competition.

University of Liverpool

95% of the mechanical, aeronautical and manufacturing engineering research at the University of Liverpool is ranked as being of international standards, as well as 100% of its metallurgy and materials research. The recently established Stephenson Institute for Renewable Energy is undertaking research into renewable energy sources. The University has strong links with the industry and manufacturers in the LCR and beyond.

It has world-class research facilities in:

Additive Manufacturing

Aerospace research

Laser technology at Lairdside Laser Engineering Centre

Silicon Electronics

Nanotechnology at the Ultra Mixing and Processing Facility and Liverpool Institute for Nanoscale

Science Engineering and Technology



Composites at the Centre for Materials Discovery

Integrating digital to Manufacturing and Marketing iD2M Centre – manufacturing companies use leading technology

Agility and Supply Chain Management Centre help small companies.

Liverpool John Moores University (LJMU)

LJMU leads in research and has strong connections with the aerospace industry.

Its Research Centre for Electrical and Electronic Engineering has expertise in silicon electronics with 90% of its research judged to be of international standards.

The School of Engineering has teaching and research links with Jaguar Land Rover, BMW, BAE, Airbus Industries and Pilkington.

Virtual Engineering Centre (VEC)

Based at Sci-Tech Daresbury, the VEC works with the North West Aerospace sector and wider industry to provide a focal point for world-class virtual engineering technology, research, education and best practice. Its aim is to improve business performance right along the supply chain. It has a key partnership with Airbus. Also based at Daresbury is The Engineering Technology Centre.

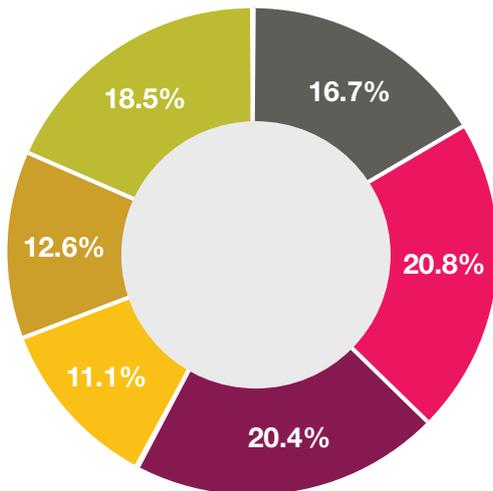
The region's North West Composites Centre and the Cockcroft Institute are significant assets.

IV. Finance

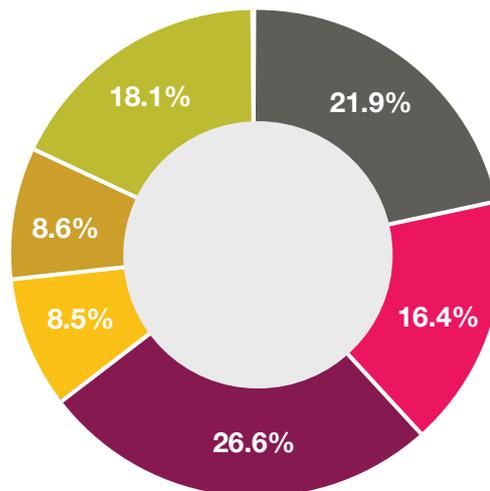
Financial support in the Liverpool City Region comes from both the public and the private sector. A Local Enterprise Partnership fund can finance capital investment. Manufacturers, in particular, have benefited from the Regional Growth Fund (RGF). We have partnerships in the West Midlands with the Advanced Manufacturing Supply Chain Initiative Fund (AMSCI). We also offer infrastructure funding through Chrysalis and the Growing Places Fund. Funding is in place for R&D, a £5million Skills Bank fund, equity and loans funds through Merseyside Special Investment Fund (MSIF), and the North West Fund.



LCR Manufacturing Employment by District



LCR Manufacturing Output by District



There are clear opportunities for Liverpool City Region. We can embrace new models of manufacturing, build on our strengths to attract and boost entrepreneurship, develop our local supply chain, and drive forward inward investment

We need to support industry and connect businesses. We need to build on the avenues of advice and support for those looking for investment. We need to make the most of local success stories, like Jaguar Land Rover's investment in the local supply chain.

Each Local Authority needs to work together and support each other.

Joined up research helps to partner universities with the private sector.

The pilot for the Technology Strategy Board and the Institute of Manufacturing will help us to further understand the needs, ambitions and levels of support needed for different areas of the industry.



Liverpool City Region Local Enterprise Partnership (LEP) and its role

Liverpool City Region has assets and ambitions to match.

Focus is required to achieve the potential for economic growth and new opportunities across the City Region. The LEP provides this focus.

It can influence agendas, talk to politicians and international business leaders therefore helping to create a better environment for business. It can help to create jobs and make the City Region a better place to live and work.

How does the LEP achieve this?

- Lobbying Government on a national scale to ensure the LCR business community and economy gets what it needs
- Build relationships with key departments including the Department for Business Innovation and Skills (BIS), the Department for Communities and Local Government (DCLG), the Department for Transport
- Encourage business support and investment
- Lobby Government at a European level helping to secure regional development funding (ERDF) and European Social Funds (ESF) working with the city to maximise the impact of any investment
- Make sure the City Region's voice is heard, regionally, nationally and internationally e.g. HS2, the Heseltine Review

This support helps drive investment. The LEP is not-for-profit. It has over 450 Members from the private and public sectors including six Local Authorities, three universities, and leading businesses.



LEP can help by providing advice and support, the businesses do what they do best; deliver their work and projects more efficiently with reduced risk and cost. The LEP can assist with:

- Detailed Location Information
- Demographic analysis
- Financial advice and assistance
- Land and property search and support
- Workforce recruitment and training
- Supply chain development
- Planning and environment guidance
- Staff relocation support
- Business network introductions
- Post investment support
- Grant support

LEP and Advanced Manufacturing

The industry can benefit from the work of the LEP.

The LEP can work one on one to support a company with any issue they face.

Jaguar Land Rover offers an example of how businesses can grow within the City Region. With the LEP, a hub has been developed in the supply chain. The process has helped General Motors (GM) adopt a similar practice within the region.

National grant funding, through the Regional Growth Fund.

Sector specific support – AMSCI supports company initiatives, as does the Manufacturing Advisory Service. It is a three-year programme working on 600 manufacturing reviews with 18 dedicated events and working on 170 intensive projects. This is being rolled out across the North West.

Industry bodies and organisations, like the North West Automotive Alliance, research centres, and the Manufacturing Forum can put companies in touch with each other and share experience and best practice.





Making potential a reality

By creating a skilled workforce, encouraging investment and focusing on growth, Advanced Manufacturing in the Liverpool City Region can be part of UK economic recovery.

I. People

It is vital for Advanced Manufacturing to focus on improving skills. We need to grow the number of graduates in the workforce, as well as the number of workers with “intermediate” qualifications i.e. those that are functional and vocational.

For five years the number of young people with five or more GCSEs in the LCR has been increasing. It is now only slightly below the national average.

Why is it important to focus on skills?

The manufacturing sector is changing. With that, the requirement of its workers will shift. Advances in technology, regulation and compliance will demand a workforce to keep up.

This is against a backdrop of a change in the way we work. People work longer. We feel a responsibility to continuously develop skills throughout our working lives. It makes us more flexible, more attractive to employers and more competitive. Advanced Manufacturing needs to do more to put staff development at the heart of its operation, along with training at the centre of its long-term business plans.

The skills base of workers in the LCR is advancing, although still below the national average. We have areas of specialism and UK expertise - pharmaceuticals; chemicals; biotechnology; and automotive.

To make Advanced Manufacturing in the LCR more sustainable and more in line with global and national trends, we need to address our skills shortage.

We don't want to hire these skills in, we want to nurture them ourselves.

How can we achieve this?

- The Skills for Manufacturing Report, commissioned by the National Apprenticeship Service and supported by SEMTA, will provide evidence of how schools and training providers can develop and produce the workforce future manufacturers need
- Working with schools and colleges for technical training, we can ensure they meet the needs of business and the industry
- We can support the Skills Growth Agreement for Manufacturing, another key work by the Employment and Skills Board



II. Business

We must create the atmosphere in which we want to do business. This means working at every level of the supply chain to inspire, as well as promoting entrepreneurship, as well as promoting the advantages of working with the Advanced Manufacturing industry.

Working with a supply chain might seem insular. That couldn't be further from the truth. If we understand the supply chain rooted at the heart of our industry, then it is easier to work strategically to improve it and ensure it is focused on growth.

This means looking for inward investment opportunities, helping to create a more efficient and flexible route to market, from the ground up. We must build partnerships.

We can help companies find out how many warehouses they need, where they need to be, and how they meet their business demands. It involves identifying good suppliers and distributors. It means improving logistics.

This enables us to tie the sector together and make it stronger.

To achieve this goal and work together more effectively, we must consider these three questions:

- What partners do we need to help us develop our supply chains?
- How can we collaborate on engagement?
- How can business be supported and developed to become part of the LCR's supply chain?

III. Growth

Business needs to be able to grow. At the heart of this process is the LEP. It brings businesses together to advise them and to help them support and work alongside each other.

Advanced Manufacturing must, as an industry, be part of this activity.

Already, the LEP is delivering:

- Business growth and entrepreneurship. A board of key stakeholders provide business support. Each is led by a leading local entrepreneur. This is one of the best environments to accelerate business growth and help to create new business
- The Regional Growth Fund (RGF) supporting and investing in growth
- Co-ordinating public and private sector business support. Deploying public sector resources effectively is vital to enhance growth

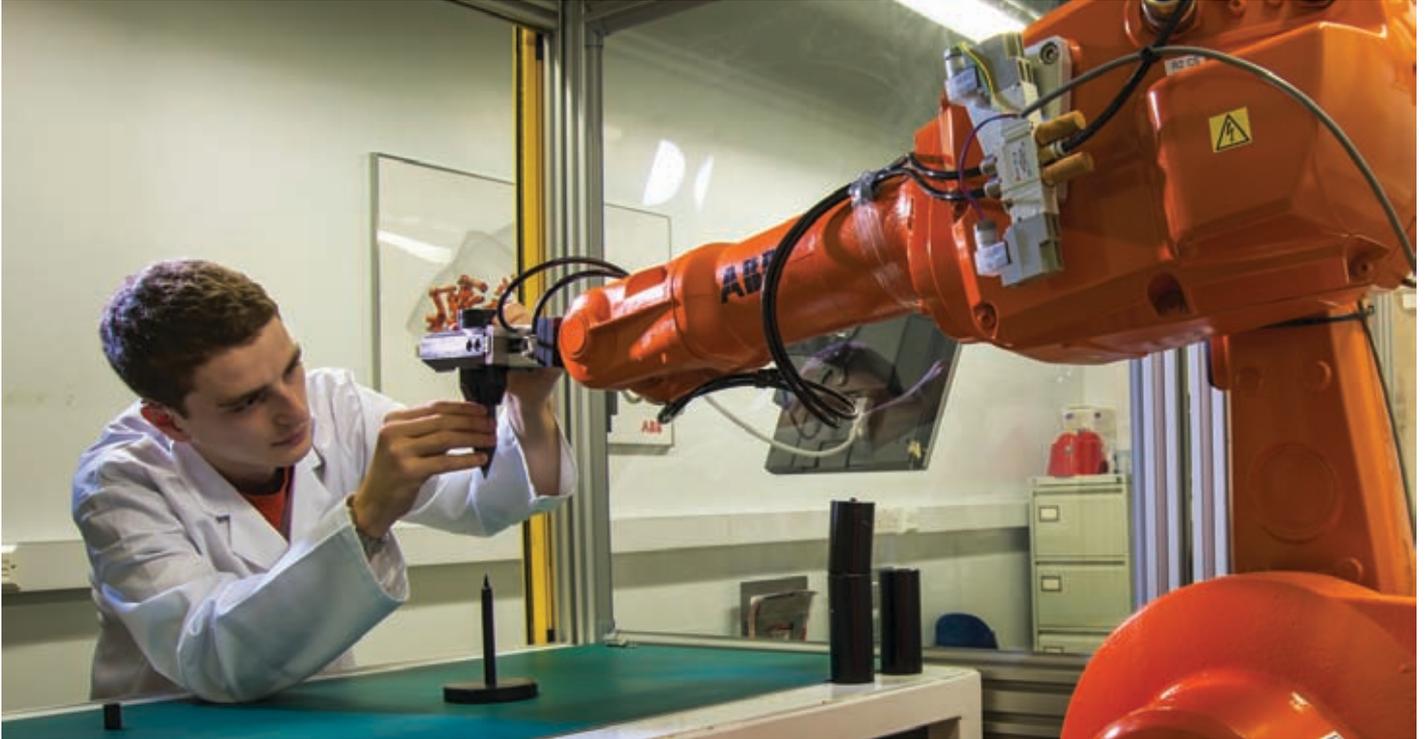


- A new commission with key stakeholders works to understand the needs of SMEs in terms of private sector finance
- By helping to provide greater access to public sector investment support, such as the £140million North West Business Fund and the national £3billion Green Investment Bank
- Links with nationally managed programmes, like the Manufacturing Advisory Service and UKTI, that could have a greater impact locally. With their visibility increased they can be more effective in having a bigger impact on businesses in the LCR
- An international focus in the City Region, for example for the International Festival for Business (IFB) hosted by Liverpool City Region in 2014
- By allocating £10million supporting companies who want to expand. The minimum grant is £50k, the maximum £750k
- Granting access to a £2.5million pot from TSB, Daresbury Science and Innovation Campus, Heath Business and Technical Park, helping to find businesses with R&D projects, a Material and Manufacturing North West Launchpad

A pilot programme for Advanced Manufacturing in the LCR

The LEP is working with partners to shape manufacturing in the Liverpool City Region.

Investing in research to define and understand the industry with a global and national context. Develop a clear route map understanding the needs and capacity of the industry, helping to create a long-term future that achieves growth.



Manufacturing of the future

Opportunities are not just on a local level but also national.

The Future of Higher Value Advanced Manufacturing is the subject of a report from February 2012.

It develops a landscape for the future of high value manufacturing.

Promoting Advanced Manufacturing in Liverpool City Region

The global economy is competitive. So the Liverpool City Region needs to shout about its benefits and attractions to help its stand head and shoulders above the rest. We have a world-class 'Liverpool' brand that is already being promoted. Every corner of the LCR needs to talk about it with clarity and consistence. The opportunities are there, we just need to capitalise on them.

While we're attracting businesses, students, visitors, and researchers how are we helping the Advanced Manufacturing Sector?

It's about selling our strengths. The profile of the City Region grows, helping us show why it is a great location for investment in Advanced Manufacturers and their supply chains.



We can attract new workers and inspire young people and graduates with the opportunity to secure a long-term career in a successful sector.

Raising the reputation and profile of Advanced Manufacturing, especially to an overseas market, can attract new exporters.

Encouraging entrepreneurs to look at the opportunities here and supporting them to develop new business ideas that can help Advanced Manufacturing to grow.

What are the key things to remember?

- Liverpool City Region is one based on innovation and quality, just look at the quality of the companies already here
- Research and development in LCR needs a higher profile. Everyone needs to know about the collaboration between our universities and major companies in this field
- Help to raise the profile of the 'Liverpool' brand and spread it internationally, especially in emerging and fast growing economies
- Investment projects like SuperPort that build on our existing infrastructure can take it to the next level, creating a City Region economy for the future
- Talk to trade markets nationally and internationally

ACTIVITY

2013/2014

This document sets out a number of areas in which the LCR LEP will undertake work to support the Advanced Manufacturing sector and the LCR economy more generally. These actions are summarised below:

ADVANCED MANUFACTURING PRIORITIES		
ACTIVITY	LEAD	TIMESCALE
1 Support the recently established and private sector-led Manufacturing Forum	LCR Manufacturing Forum and LEP Sector Manager	Quarterly meetings taking place in different manufacturing business
2 Support companies within the Advanced Manufacturing sector, making connections between businesses to support growth and providing in-depth assistance when required, such as supporting applications to the Regional Growth Fund (or other funding sources)	LEP Sector Manager	Throughout 2013
3 Capitalise on the success of recent major investments, such as that by Jaguar Land Rover, to further develop the local supply chain and develop a potential supply chain 'hub'	LEP Sector Manager with Local Authorities	Throughout 2013
4 Support the roll-out and investment in the City Region of AMSCI – an initiative successfully bid for by the LEP Company that guarantees a share of £25million of ring-fenced money as well as the potential to access Government's £100million investment in manufacturing supply chain businesses	LEP Sector Manager	Spring 2013
5 Work to maximise investment in the City Region by the nationally procured Manufacturing Advisory Service (MAS) which will deliver 600 manufacturing reviews with businesses, 18 events, and 170 intensive projects with businesses as well as looking at the provision of an enhanced MAS offer dedicated to the City Region supported by ERDF	MAS and LCR partners including Local Authorities	Throughout 2013

ACTIVITY	LEAD	TIMESCALE
6 Continue to ensure joined up research capabilities in Universities and the private sector to improve the overall competitiveness of the sector	HEI and research Institutions	Throughout 2013
7 Deliver a High Value Manufacturing Pilot project across the City Region in conjunction with the Institute for Manufacturing, The Technology Strategy Board, Government and the private sector with the support of City Region Local Authorities	LEP and IfM	Spring and Summer 2013
SKILLS		
8 Publication of Skills for Growth Annual Report – to translate LCR's economic growth priorities into courses, curricular and careers information	Employment & Skills Board	Throughout 2013
9 Implementation of a Labour Market Information Service – to ensure schools, universities, colleges and providers understand what skills businesses need	Employment & Skills Board	Throughout 2013
10 Creation of the UK's first Skills for Growth Bank – an employer-owned financing mechanism helping businesses invest in the skills they need and create new jobs	Employment & Skills Board	Spring 2013
11 Creating 10,000 apprenticeships for 16-24 year olds and increasing the level and volume of these in key priority areas, in particular Advanced Manufacturing	Employment & Skills Board	Throughout 2013
12 Continue to challenge the £150million invested in local employment and skill services to perform better for our business and people	Employment & Skills Board	Throughout 2013
MARKETING		
13 Location reviews providing detailed statistical evidence	LEP	Throughout 2013
14 Produce a promotional Stand and participate in key conferences and exhibitions	LEP in collaboration with businesses and Local Authorities	Throughout 2013
15 Support ongoing development for International Festival of Business in 2014	Liverpool Vision and Wirral Council	Throughout 2013





Local Enterprise Partnership (LEP)

The LEP is not-for-profit. The Liverpool City Region LEP is a private sector-led Board with political leaders representing the six Local Authority areas of Halton, Knowsley, Liverpool, Sefton, St Helens and Wirral. It has over 450 Members from the private and public sectors including the six Local Authorities, three universities, and leading businesses. Its core activities include Strategic Economic Development and Business Growth.

Liverpool City Region (LCR)

The Liverpool City Region has a population of 1.6million and crosses the boundaries of six local authorities; Halton, Knowsley, Liverpool, Sefton, St Helens and Wirral.

The Technology Strategy Board (TSB)

The Technology Strategy Board is an executive Non-Departmental Public Body (NDPB), established by the Government in 2007, and sponsored by the Department for Business, Innovation and Skills (BIS).

The activities of the Technology Strategy Board are jointly supported and funded by BIS and other Government departments, the devolved administrations and research councils.

Its primary motive is to drive innovation helping to boost UK growth and productivity. It promotes, supports and invests in technology research, development and commercialisation.

TSB also works in an advisory capacity within Government helping grow the use of technology.

<http://www.innovateuk.org>



AMSCI, The Advanced Manufacturing Supply Chain Initiative

A joint initiative between four LEPs which gained Regional Growth Fund support. This is a £125million support programme helping Advanced Manufacturing companies improve supply chain management.

**Liverpool City Region
The Black Country
Greater Birmingham and Solihull
Coventry and Warwickshire**

The scheme has ring-fenced £25million to directly support automotive and aerospace businesses within these LEP areas, but in addition there is a complementary national programme of £100million which is available to several manufacturing sectors (including Automotive and Aerospace) across the whole of England.

The scheme is intended to Increase manufacturing sector growth potential by generating investment in new capital equipment and expansion in capacity; provide access to Advance Manufacturing and automation techniques and minimise capital investment requirements in medium term; create new product innovation management capability to develop higher value exports for long-term sustainability; increase levels of purchasing from UK supply chains by Primes/Tier 1s; attract new customers to existing supply chain companies and sustain or create new employment opportunities; support businesses to bid into further rounds of AMSCI by offering information and advice; to create better synergies and sustained collaborative relationships.

Manufacturing Forum

The LEP has established a Manufacturing Forum to specifically address the needs of the Advanced Manufacturing sector. The Manufacturing Forum is a private sector led-group and involves many of the Liverpool City Region manufacturing companies including Unilever, Dairy Crest, United Biscuits, Jaguar Land Rover, NGF and General Motors. The Manufacturing Forum is currently chaired by Getrag Ford. The focus of the Manufacturing Forum is on neutral learning between the organisations involved but in particular the Forum will focus on the key issues of productivity, logistics and employment (recruitment, cultural change, employment law and apprenticeships).



The creation of the Forum will also be important to ensure that the feedback gained by the LEP from private sector organisations will be informed and influenced by the companies of the Advanced Manufacturing sector, as well as all the other constituents of the LCR economy.

Manufacturing Advisory Service

Nationally procured Manufacturing Advisory Service (MAS) which (over the course of its three year plan) will deliver 600 manufacturing reviews with businesses, 18 events, and 170 intensive projects with businesses, as well as looking at the provision of an enhanced MAS offer dedicated to the City Region supported by ERDF.

FURTHER INFORMATION

Contact

Steve McKeown

Sector Manager -

Advanced Manufacturing

T: 0151 237 3903

M: 07891495562

E: steve.mckeown@liverpoollep.org

Alan Welby

Executive Director

T: 0151 237 3907

M: 07833400654

E: alan.welby@liverpoollep.org

Image Credits: Cammell Laird; Jaguar
Land Rover; Jill Jennings; Liverpool City
Region (LEP) image library.