

Pipeline Project Spreadsheet Master October 2018

Pipeline Scheme	Category	Total Cost	Required	Business Case Provided	Source	Project Description	Outputs/Outcomes
Skills Capital Investment Programme funding Gaps. Schemes such as Lincoln College (900,000), Scunthorpe Technical, Business Innovation and Skills Hub (500,000) and the Institute of Technology proposals (28000,000)	Skills	21,000,000	4,210,000	Yes	GD3 Bid	A total of £7.44m has been provisionally allocated to this programme with £3m already contracted, however for the four schemes being supported this has left a shortfall of £4.2m which the projects themselves are having to find/scale down in terms of designs and outputs. Should more funding be made available in the short term the existing proposals could be strengthened, or alternatively schemes already scored that were not successful due to limited growth deal could also be brought forward.	904 apprenticeships created; 1391 learners supported; 310 training places provided; 7098sqm new/refurbished learning space created
Medical School Lincoln	Sector and Skills	21,000,000	4,600,000	No (but application submitted to Higher Education Funding Council England (HEFCE) and Health Education England (HEE) proved successful for initial support).	New Proposal	Collaborative project between University of Lincoln and University of Nottingham to establish a Medical School. The new school will be developed at the UOL site creating a 25% expansion of medical students in the UK. The school will make a huge difference to the Lincolnshire region, which will benefit from the establishment of this hub of medical expertise: clinical placements will take place at hospitals, GP surgeries and other healthcare units across the county in collaboration with United Lincolnshire Hospitals NHS Trust and the Lincolnshire Partnership NHS Foundation Trust. Students will study at Lincoln for a University of Nottingham BMBS medical degree, underpinned by the University of Lincoln's outstanding infrastructure, research and employer partnerships.	Junior doctor training (400 undergraduate students); pool of high quality medical experts;
Grantham Southern Utilities	Infrastructure	44,000,000	29,000,000		Outline BC by Mid December	Primary Sub station adjacent to the west railway line 132KV line standard £15-18 million, and reinforcement works to the Londonthorpe areas - Unlocking capacity for the new housing developments (HIF) , MOD development, commercial development as well as retrofit and ev capacity across all of southern grantham	
UK Food Chain Automation Centre	Sector and Innovation	15,000,000	9,000,000	Yes green book	New Proposal	Led by the University of Lincoln, the Manufacturing Technology Centre (MTC, part of the High Value Manufacturing Catapult) and industrial partners (including Bakkavor, Moy Park, Tulip Group). This £15M investment will create the 2,133m ² UK Food Chain Automation Centre on the Holbeach Food Enterprise Zone. It will provide highly flexible, food factory grade workshops to enable research & trials to be conducted in an environment which fully reflects the production parameters of a modern factory. The Centre will include a new MTC 'spoke', leveraging the GLLEP and wider Midlands Engine food processing cluster and integrating it with a world-class research & innovation base to create a globally unique centre for food chain automation, robotics and digital systems. b. Post Brexit there is an urgent need for Government and the food industry to drive productivity growth and adapt to a world with limited access to low-skilled, migrant labour. In GLLEP the food chain, from farm to fork, provides 24% of all employment and generates 21% of the region's GVA. Investment will grow the Midlands Engine food sector GVA by 10% (£250M p.a.). The project will create 2,000 new high-skilled jobs, whilst offsetting the need for 10,000 low-skilled jobs, thus reducing the need to continually recruit migrant workers.	2,000 high value jobs in the Food Chain

Made Smarter 2 (Industrial Digital Technologies National Adoption Programme).	Innovation	13,000,000	5,900,000	Yes Green Book	Made Smarter review	The pilot scheme will accelerate the development and diffusion of industrial digital technologies (Industry 4.0) across the manufacturing sector in the GLLEP and D2N2 LEP regions. Investment of £5.9M is being requested to support 800 businesses, leading to a cumulative GVA impact of £31M over 4 years. Activities to drive this ambition will include: awareness raising to promote early stage involvement, innovation finance support to enable businesses to acquire or co-develop new technology based solutions, co-financing graduate internships to inject higher level skills in SMEs, enabling access to specialist equipment & facilities and championing & promoting emerging best practice. The identified barriers to digitalisation that this programme will address, include: upskilling to use new technologies, awareness & confidence in adoption, de-risking innovation projects for SMEs and the need for co-ordinated/integrated technologies.	£31.3 Productivity increases
FEZ Programme Funding Gaps	Innovation	18,600,000	1,500,000	Yes			Increase to existing outputs provided
Agri-Grants Programme	Innovation	6,000,000	2,000,000	No	GD3 Bid	Agri-tech Growth fund for SMEs. Originally developed with two other LEPs, would need to discuss with GCGP LEP and New Anglia LEP if there is still an appetite for delivering this idea jointly.	200 jobs created, £3m private sector leverage
Smart Grid	Infrastructure/ Innovation	TBC	63,000,000	No	New Proposal	The GLLEP region has the advantage of some very high available loads, battery storage projects (Siemens) and distributed generation from renewable power generation sources, but requires the roll out of EV charging infrastructure. In this project we will: Develop and deploy the digital ICT infrastructure to enable the rapid roll out of a SMART Infrastructure across the GLLEP; Develop the SMART GRID energy supply (farmers with renewable generation, waste conversion sites) and demand market (EV / Batteries and existing large energy; Ensure the SMART GRID conforms to the OFGEM and DNO regulations, model the existing and verify its onward stability; Use the Smart Infrastructure solution to roll out up to 400 EV charging locations across in the GLLEP by 2020.	In the project, we will develop and demonstrate the SMART GRID via 3 demonstrators: a) EV charging point roll out: 400 stations integrated to rural power generation; b) High capacity battery charging: a demonstration of linking high capacity battery storage into the Smart Grid; c) Enabling housing development: deploying the Smart grid to enable housing infrastructure development (e.g. better use of the load generated by the Hykeham waste battery storage into the Smart Grid. This all aligns with the Industrial Strategy, The Clean Growth Strategy and the latest review of the Energy System by Dieter Helm.
Centre for Rural Health	Innovation	TBC	TBC	No. Concept stage only	New Proposal	Longer-term proposal revenue based initially . Lincolnshire Hospital Trust working with University of Lincoln and Bishop Grosseteste University to develop innovative solutions for medical care in rural locations. Exploring how new technology currently being used in other sectors might be applied to home care; looking at how investment in tele-care via a mobile phone might help with face to face GP support.	TBC

Lincoln Science and Innovation Park Phase 2	Innovation	£7,000,000	£4,000,000	No	New Proposal	Expansion of existing Science Park to attract/retain innovative SMEs. Provision of dedicated workspace. Initial surveys and flood risk assessment carried out for the Phase 2 site. Proposing 9 buildings in the longer term on the Phase 2 brownfield undeveloped land covering 6 acres. To get the site ready for development including decontamination, utilities, hydrological works, hard and soft landscaping and related highway works would cost up to £4,000,000. Match funding could be provided from LSIP/Private sector via £1.2m of land value plus commercial development of two single occupancy buildings at the same time along the frontage. If more GLLEP funding was available support for the development of three 5000sqft units for grow on space costing around £2m would also be welcomed along with £100,000 towards consultation on land usage and masterplanning for future phases.	Jobs and employment space, expansion of Science Park
Business Units Market Deeping	Innovation	£2,900,000	£1,500,000	EOI - Outline business case being prepared	New Proposal	LCC applicant - Much needed grow on space for knowledge led business in market deeping	
Viability Gap Funding to unlock affordable housing	Housing	9,300,000	2,500,000	Some available but need updating	GD3 Bid	Providing gap funding where infrastructure costs, flood risk and general scheme viability is delaying development of affordable housing.	225 homes
Integration of Housing, Health and Care	Housing	17,400,000	2,100,000	Some available but need updating	GD3 Bid	Addressing SEP priorities for the integration of housing, health and care; complementing LCC's extra care procurement programme	84 homes
Enabling Housing Programme	Housing	77,100,000	10,500,000	Some available but need updating	GD3 Bid	Working with Housing England to deliver schemes focused on regeneration and public realm improvements; developments which incorporate wider government ambitions such as custom build; highways/transport requirements beyond minor access works.	900 homes
Pinch Point Sub Programme - Remaining Projects	Infrastructure	17,500,000	12,000,000	No	GD3 Bid	Three of the four remaining pinch point schemes originally identified are no longer deemed cost effective/a priority and will not be progressed, these are :- A16: alignment between A17 and Kirton; A17: alignment between B1359 and Luton Garngate; A17: alignment between B1390 and A1101; One scheme will take about 5 years of development but remains a priority and that is the A17: Improvement of Heckington Bypass - upgrade to dual carriageway	x homes; x jobs
Visitor Centre Huttoft	Sector		250,000			supporting the Coastal Visitor Economy and the development of visitor centre to access to the coastal country park	
Infrastructure & Transportation Sub-Programme	Infrastructure	38,500,000	6,600,000	No	GD3 Bid	A46/Welton Road junction - Could be subject to a public inquiry, not likely to come forward quickly as land issues not currently resolved; Skellingthorpe Road/A46 roundabout Junction is part of Lincolnshire Coastal Highway Project – proposed option to take forward, links to the Western Growth Corridor scheme and likely to be a medium term option as it requires a lot more development by COLC/LCC; A52/A1 roundabout at Barrowby - this extra junction connects with the Designer Village proposals at Grantham and is yet to be designed/progressed so not a short-term project; Gainsborough Marina - likely to take about 5 years to progress, still negotiating some of the land, gap remains around £5m; Skegness A52 connection to A158 is part of Lincolnshire Coastal Highway Project – proposed option to take forward, the LEP has already provisionally allocated £4m towards the Skegness Gateway Scheme which includes this roundabout junction.	5400 homes; 1890 jobs; Unlocking 28 hectares of employment land

	Sleaford Growth Project Phase 2	Infrastructure	11,000,000	8,000,000	Yes	GD3 Bid	Comprehensive Town Centre Infrastructure Improvements. Includes new town centre link road, pedestrianisation scheme, town centre development sites and perimeter car parking strategy	To be reviewed as currently combined with Phase 1 in business case provided
	Local Improvements on the A46/A15	Infrastructure	TBC	10,000,000	No	GD3 Bid	<ul style="list-style-type: none"> Improvements to the A15/A1500 roundabout, assisting Bishop Burton College/Lincolnshire Showground & RAF Scampton, including the proposals for a hotel complex and further development of a FE College campus. Improvements to the A15/A631 roundabout, facilitating the development of employment land located at Hemswell Cliff in West Lindsey where 40ha of employment land is to be considered as a part of the Central Lincolnshire Local Plan and to be delivered by means of a Local Development Order. The Central Lincolnshire Food Enterprise Zone will strategically be located to serve the key agri-food clusters in the Greater Lincolnshire area (fishery in the South Humber Bank and local produce at Holbeach), therefore the A15 will play a crucial role in facilitating these links. Improved junction at Kirton in Lindsey, which is proposed for a mixed used housing and employment site. Improvements to the A15/M180/A180/A18 access routes, assisting in the delivery of key allocated employment sites in North Lincolnshire, such as the 15.48ha A18 Mortal Ash Business Park and improving access to the Ports of Grimsby and Immingham. A46 from Pennells roundabout to whisby road dualling is part of Lincolnshire Coastal Highway Project – proposed option to take forward, forms part of the Lincoln Southern Bypass bid via HE Growth & Housing fund at the moment; Western Relief road Phase 1 - not a short term priority; Lincoln Southern Bypass - HE Growth & Housing Fund bid 	2950 homes; 4300 jobs; 5.48ha of land unlocked - would need to be revised pper project as and when business cases are submitted (currently includes the two Lincoln Southern Bypass related schemes)
15	Grantham Southern Relief Road	Infrastructure	N/A	N/A	Yes	GD1/SIDP	Already supported by growth deal (£28m)	
16	Spalding Western Relief Road	Infrastructure	64,000,000	7,000,000	No. Only a 2016 one for Section 1 which has now been found through other sources.	SIDP	Supporting housing growth to the west of Spalding. This project is now progressing with development of planning applications for the strategic highway route. Planning Applications for Sections 1 and 5 in Spring 2019 and plans for consultation on Sections 2-4 at the same time. Developer contributions to Sections 1 and 5 agreed as well as successful bid for Section 5 for Housing Infrastructure Funding – Sections 2-4 significant shortfall of funding that needs to be forward funded for the scheme to progress (£7m). Some Growth deal could contribute to this gap.	4000 homes next 20 years; 2100 jobs
	East Halton Flood Defences Project	Infrastructure	11,600,000	50,000 (per LEP)	No	GD3 Bid	Joint bid with Humber LEP for GD3 but was unsuccessful in both. There may still be scope to progress a similar approach with Humber LEP in the future but it would depend on their pipeline priorities also. Direct links to the Water Management Plan - focused on impact of tidal surge flooding on local businesses. Currently not high on their priority list.	3740 FTE jobs; £210m net additional GVA into the local economy
	Port of Immingham Sea defence Improvement Works	Infrastructure	12,300,000	TBC	No	SIDP	Reducing risk of flooding at the Port. Replacing gates with outer lock gates; improving and replacing flood defence assets along the frontage to the east and west of the lock (3.6km).	5080 jobs
	A16 Improvements	Infrastructure	5,200,000	N/A	No	SIDP	Improving route north and south of Boston, key coastal route strengthened and congestion addressed. Working with Boston Borough Council on development of Boston Distributor Road project – not progressing as quickly as anticipated. GLLEP already contributing significantly to Boston infrastructure works via growth deal.	1172 jobs

Isle of Axholme Flood Risk Improvements	Infrastructure	22,000,000	? (£11m gap)	No	SIDP	Providing flood protection for businesses, residential properties, agricultural land and essential infrastructure in North Lincolnshire.	1333 jobs
Flood Street Upgrades - Gainsborough Bridge Road	Infrastructure	10,000,000	TBC	No	SIDP	Increasing capacity of the Flood Street junction; Lea Road/Ashcroft Road junction; Thorndyke Way roundabout	Homes already counted via Gainsborough Growth project but these improvements support that project; 1392 jobs
Beevor Street, Lincoln	Infrastructure	15,000,000	7,500,000	Yes, but needs updating	SIDP	Creating physical link from Beevor Street to the Western Growth corridor site	3200 homes; 587 jobs
South East Sleaford Regeneration Route	Infrastructure	12,000,000	N/A	No	SIDP	Already included above in Sleaford Phase 2	571 homes; 200 jobs