



Greater Lincolnshire LEP Energy Council

Thursday, 19th March 2020 at 2.00pm
Epic Centre, Lincolnshire Showground,
Lincoln, LN2 2NA

Paper 0 - Agenda

Item	Item and brief description	Lead	Access/Circulation
14.00	Welcome from Ruth Carver, Chief Executive, Greater Lincolnshire LEP	Ruth Carver	
14.05	Welcome from the Energy Council Chair	Duncan Botting	
14.10	Discussion - A Framework to Enable Delivery	All	Paper 1 attached
14.50	Action Planning - Prioritisation for Local Industrial Strategy activity	All	
	Proposed option discussions: <ul style="list-style-type: none"> • Short term - Open Data & Smart Digital Platform opportunities • Short/Medium Term - Local Energy Solutions around Lincoln, Grantham, Boston and South Holland, and the coast • Longer Term - Hydrogen, working with the university, private sector partner/s and BEIS 		
15.30	Task & Finish Groups to support agreed options	All	
15.45	Any Other Business	All	
15.55	Date and Time of Next Meeting <ul style="list-style-type: none"> • Potential Agenda Items 		
16.00	Close of meeting		

Attendees: Duncan Botting, Arnold Craven, Cllr Barry Dobson, Jacqui Bunce, John Henry Looney, Juergen Schaper, Justin Brown, Lea James, Marie Harley, Martin Haworth, Simon Green

Apologies: Emma Bridge, Mark Hutchinson

Officers: Ruth Carver, Andrew Brooks

Paper 1 - A Framework to Enable Delivery

Publication	Public Paper (published)				
Meeting date:	19 th March 2020				
Agenda Item:	A Framework to Enable Delivery				
Item Subject:	1				
Author:	Andrew Brooks				
For:	Discussion	X	Decision		Information

1 Introduction

- 1.1 This paper will provide the basis for dialogue with the newly formed Greater Lincolnshire LEP Energy Council, and by which will reflect the views of the Greater Lincolnshire LEP. This paper will be further developed by the Energy Council to prioritise an appropriate set of enabling framework/action plans, with which to deliver the Greater Lincolnshire LEP's vision. The developed version of outcomes from this paper will feed into the final Greater Lincolnshire LEP Local Industrial Strategy, and future place based energy opportunities in the area.

2 Background Context

- 2.1 The Energy Council is formed of important stakeholders from across the Greater Lincolnshire LEP area. Members have accepted a Memorandum of Understanding (MoU) that sets out the Mission and Actions expected of the Council.

Energy is the underlying enabler for all aspects of the local and national economy, and has a major role to play in the cost effective and smooth delivery of all sectors of the economy. The Energy Council has been formed to unlock this potential and identify opportunities to circumnavigate energy related barriers, in order to deliver the desired ambitions defined by the Greater Lincolnshire LEP. Members are asked to contribute towards the deployment of an Enabling Framework process, in order to achieve the desired outcomes defined in the [Greater Lincolnshire LEP Energy Strategy](#).

The Enabling Framework process is designed to embrace the knowledge and experience of the many stakeholders involved in the delivery of particular focused outcomes while being facilitated in an agile, inclusive, transparent and iterative learning approach. This implies an agnostic approach to technology and commercial aspects, but focuses on desired outcomes and Agile sprints to uncover risks early on and drive appropriate to Place solutions. The approach will help to deliver the Local Industrial Strategy ambitions.

The working proposition for government's co-authored engagement with the LEP is based on the following statement:

Government is committed to working with Greater Lincolnshire in partnership to support the area in its energy and water ambitions, including a joint commission to look at local energy and water markets, locally based existing infrastructure that can be re-purposed (thus ensuring nationally significant impact as a Place based opportunity), and the options for green financing, building upon existing and emerging future scenarios and methodologies for the Greater Lincolnshire area.

Government acknowledges the potential for Greater Lincolnshire as a rural testbed for new whole-system energy and water technologies in addressing the national net Zero target. Government and Greater Lincolnshire will support the Energy Council for the region, inviting other appropriate stakeholders to come together and scope the role and initiatives

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which could form part of a nationally significant rural testbed, in particular in relation to achieving netzero as a region.

3 Proposed Method of Working

3.1 The first meeting will provide an overview of:

- Greater Lincolnshire LEP's Vision and Energy Strategy
- Local Authorities Net-Zero ambitions for housing, industry,
- Landscape of Greater Lincolnshire LEP's resources, industry, agriculture, demographics, etc.
- Broader National and regional landscape - Midlands Hub, Humber LEP, etc.
- Existing Initiatives and current examples of road blocks
- The Enabling Framework Process

Energy Council members will be asked to focus on determining and prioritising a particular portfolio opportunity to pursue in its first year of operation, whilst also setting an achievable action plan of priorities that can be identified as investable propositions for Greater Lincolnshire.

Opportunities identified include:

Lincolnshire energy portfolio opportunities identified include:

- Green Hydrogen Hub
- Waste, Biofuel and the re-purposing of food waste
- Heat Networks
- Solar and wind power
- Digital/Smart technologies to make this all local energy network actually work

Any Enabling Framework identified for delivery has to be under-pinned by the strength of the assembled stakeholders and demonstrate the process to unlock solutions for the LEP Area and region, and that they are Place based energy solutions. This would provide the basis of an Enabling Framework to deliver the "Living Lab" Rural Innovation Test Bed for Energy and Water.

Members will be asked to form task and finish groups, to build the detail around each of the agreed outcomes.

4 Whole Systems and the Circular Economy

4.1 Rather than focusing on singular projects and aspects, as these are catered for by commercial vehicles, the Energy Council is asked to consider the wider aspects of whole systems deployment and the commercial realities of delivering a circular economy.

The target of our work must be to raise the productivity, growth and profitability of our local economic base, whilst providing societal safety nets to ensure an inclusive opportunity for all our local citizens. To achieve this requires doing things differently, namely:

- Embracing innovation,
- Developing new skills,
- Providing new evidence base,
- Looking at whole systems analysis,

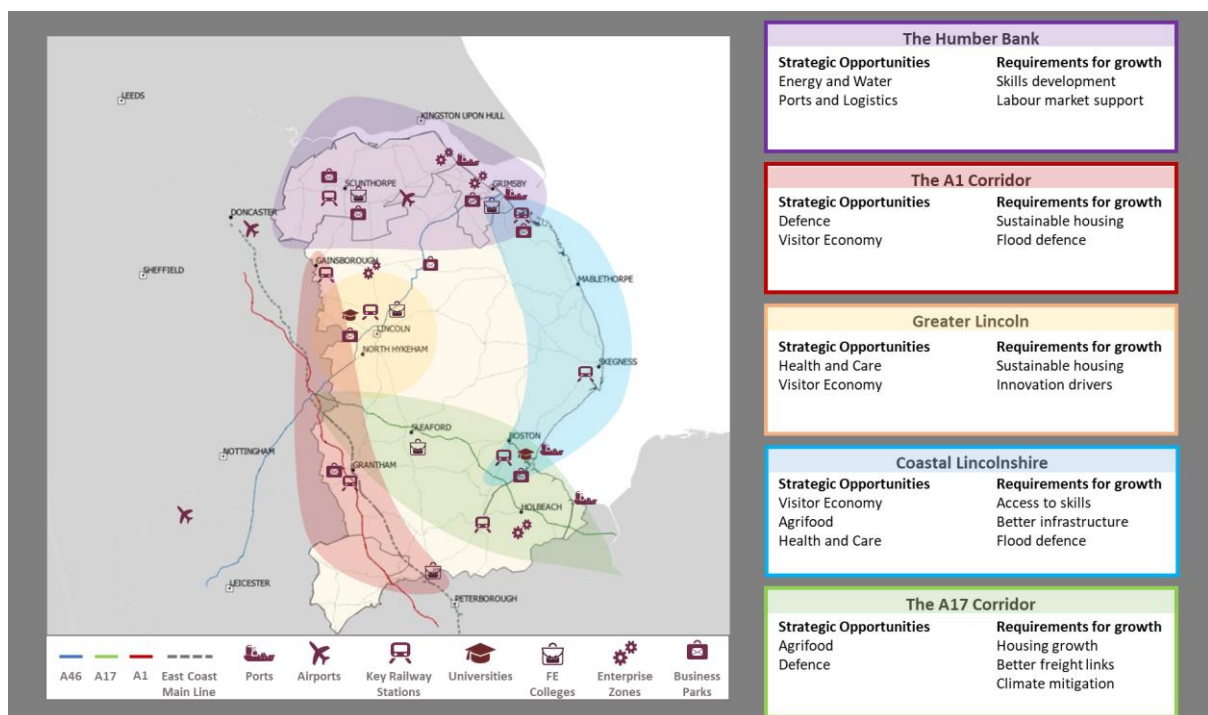
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- Considering the circular economy, and above all
- Delivering a rapid process in order to seize investment opportunities, and drive risk out early in the life-cycle of energy, water and waste provision

Often duplication of effort, double counting and energy constraints de-rail needed infrastructure.

There are already a number of existing and current initiatives, both public and private projects, which are being developed along these lines. These are where we can make the earliest impact, new and proposed projects will take years of gestation, and these should be for our secondary attention.

Below is a Place based focus for consideration as to where we can add value in these areas. [This needs to be an agenda item]



5 Regulated and Non-Regulated Infrastructure

5.1 This is normally treated separately and each views the other from their needs and perspective. From a whole Systems perspective they are one and the same; Utilities (Electricity, Gas, Water, Telecoms, Public Transport, Waste, etc) are seen as the “regulated assets”, where as the Internet of Things (IoT), Industry 4.0, Agriculture, the Built Environment, etc. are seen as the “customer side of the meter” or the Non-Regulated space (this is indeed a misconception, as all areas are “regulated” by rules and standards).

The Energy Council needs to adopt the whole systems perspective and re-imagining the system boundaries to be “outcome based” not technology architecture focused.

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6 A Proposal (to be discussed, considered, modified, amended, improved)

- 6.1 The Energy Council should set itself the target of **delivering impact to at least one local initiative** in its first year. This should be a lead to the formation of a “Living Lab” Rural Innovation Test Bed for Energy and Water for the Greater Lincolnshire Area.

This should draw on a **portfolio of current initiatives** to form the “Living Lab” Rural Innovation Test Bed for Energy and Water that are coherently linked as whole system demonstrators. The portfolio should touch each of the regions identified above

We will use Enabling Frameworks to provide a process for Agile based sprints, with the Energy Council informing the Enabling Organisation - Lincolnshire Council and Greater Lincolnshire LEP of the requirements and supporting actions needed to realise these investable propositions.

Each Stakeholder should consider what contribution towards this approach they can offer.

In order to measure the success of the Energy Council, it will measure viable business case outcomes, not input or measures.

A primary check will be for Net-Zero contribution followed by:

- The effect on productivity, growth and profitability of our local economic base while providing societal safety nets to ensure an inclusive opportunity for all our local citizens.

Topics for inclusion in whole systems energy consideration (in no order of merit and not exhaustive), will also include:

- Skills development
- Market structure
- Commercial (inclusive of economic and investment),
- Technical
- Societal needs and acceptance
- Place based adaptation for climate change
- Legal requirements,
- Security (physical and cyber)
- Data (in all its guises)
- Connectivity (yes 5G, etc)
- Innovation
- Business friendly and people centric

We must be Outcome focused.

We must understand our Sphere of Influence

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7 Possible Opportunity

- 7.1 We should work towards a summit pre COP26 (end September/October) to present our outputs and test them with a wider set of Stakeholders. BEIS have indicated they would support such an approach and we should consider a joint summit with Cornwall who are also thinking along similar lines. There is the potential for this work to be included in COP26 in Glasgow as a Local Authority / LEP Case Study.