










**Proposal Title:** Accelerating Gigabit Fibre

This is an interim report for a DIA that has been requested but yet to be completed.

If there is a RAG (coloured circle) that has not had its dependent field selected yet, it will appear as a white circle.

## Impact Summary

Climate Change & Energy	Green - Only positive impacts identified	
Communities & Culture	Green - Only positive impacts identified	
Waste & Resource Use	Amber - Minor negative impacts identified / unknown impacts	
Economy	Green - Only positive impacts identified	
Health & Wellbeing	Green - Only positive impacts identified	
Learning & Skills	Green - Only positive impacts identified	
Natural Environment	Green - Only positive impacts identified	
Sustainable Procurement	Amber - Minor negative impacts identified / unknown impacts	
Transport & Accessibility	Green - Only positive impacts identified	

Answers provided indicate that the score for the carbon footprint of the proposal is: **2.5**

Answers provided indicate that the carbon footprint of the proposal is:	<b>Low</b>	
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**Proposal Title:** Accelerating Gigabit Fibre

Proposal ID: **420**

Proposal Title: **Accelerating Gigabit Fibre**

Type of Proposal: **Procurement**

Brief description:

**Identification of a Neutral Host Operater for a gigabit fibre network for BCP**

Proposer's Name: **Linda Krywald**

Proposer's Directorate: **Regeneration & Economy**

Proposer's Service Unit: **Development**

Estimated cost (£): **No Cost**

If known, the cost amount (£):

Ward(s) Affected (if applicable):

**All Wards**

Sustainable Development Goals (SDGs) supported by the proposal:

**1. No Poverty 3. Good Health and Well Being 4. Quality Education 8. Decent Work and Economic Growth 9. Industry, Innovation and Infrastructure 10. Reduced Inequalities 11. Sustainable Cities and Communities 17. Partnerships for the Goals**

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## Climate Change & Energy

Is the proposal likely to have any impacts (positive or negative) on addressing the causes and effects of climate change? **Yes**

If the answer was No, then the explanation is below (in this case there are no answers to subsequent questions in this section):

- 1) Has the proposal accounted for the potential impacts of climate change, e.g. flooding, storms or heatwaves? **Partially**
- 2) Does it assist reducing CO2 and other Green House Gas (GHG) emissions? E.g. reduction in energy or transport use, or waste produced. **Partially**
- 3) Will it increase energy efficiency (e.g. increased efficiency standards / better design / improved construction technologies / choice of materials) and/or reduce energy consumption? **Yes**
- 4) Will it increase the amount of energy obtained from renewable and low carbon sources? **Yes**

How was the overall impact of the proposal on its ability to positively address the cause and effects of climate change rated?

**Green - Only positive impacts identified**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**Installation of a gigabit fibre network will enable the development of technologies dependent on fast broadband. These may in future enable a decrease in reliance on non renewable energy sources and increased efficiency eg through better traffic management, but at present these future benefits are not quantifiable.**

Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

**The overall impact of the project will be increase use of internet to access services, reduce travel and enable development of Smart technologies. Note DIAs 261 and 336 are relevant - the former (rated Green) relates to the overall programme and the latter (rated Amber) to purchase of hardware for fibre network installation.**

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## Communities & Culture

Is the proposal likely to impact (positively or negatively) on the development of safe, vibrant, inclusive and engaged communities? **Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

- 1) Will it help maintain and expand vibrant voluntary and community organisations? **Yes**
- 2) Will it promote a safe community environment? **Yes**
- 3) Will it promote and develop cultural activities? **Yes**

How would the overall impact of the proposal on the development of safe, vibrant, inclusive and engaged communities be rated?

**Green - Only positive impacts identified**



Reasoning for the answer (details of impacts including evidence and knowledge gaps):

**Development of 'vibrant communities' is a key objective of the Smart Place Strategy. It is developing a wide network of partnerships in order to support the voluntary sector. Communities will also benefit from increased access to information, communications and services via the internet and the MyBoscombe app. The programme is enabling the implementation of a more sophisticated CCTV network. A Proof of Concept (PoC) is currently in operation in partnership with BCP Security team to trial the use of software analytics on existing CCTV cameras. The scheme now uses the Smart Place 5g network in Boscombe and this will shortly be extended to Pokedown.**

Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

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## Waste & Resource Use

Is the proposal likely to have any impacts (positive or negative) on waste resource use or production and consumption? **Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

- 1) Will it prevent waste or promote the reduction, re-use, recycling or recovery of materials? **Yes**
- 2) Will it use sustainable production methods or reduce the need for resources? **Yes**
- 3) Will it manage the extraction and use of raw materials in ways that minimise depletion and cause no serious environmental damage? **Not Relevant**
- 4) Will it help to reduce the amount of water abstracted and / or used? **Don't know even though may be relevant**

How would the overall impact of the proposal on the sustainable production and consumption of natural resources be rated?

**Amber - Minor negative impacts identified / unknown impacts**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**The Smart Place strategy aims to provide a data insight hub to enhance place based applications and services. This can be shared with other public sector organisations and partners to make much more informed decisions around efficient use of resources. It will also, where appropriate, make insight available to industry to drive innovation in clean energy product development benefiting the local supply chain and ultimately the local area. In addition, it will enable information to be made available to the public, helping the public make more sustainable choices and driving behaviour change at scale.**

Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

**The gigabit speed fibre will require fibre cables to be fitted underground. However, all current environmental and health and safety legislation will be adhered to. It will be necessary to develop a server room and potentially a data centre in order to support operation of the data insight hub. There are environmental impacts associated with these, particularly in the amount of energy required to keep them cool. More information on this can be provided. At a project level, it is intended to work with suppliers to engage them around reducing packaging waste where possible at procurement stage.**



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## Economy

Is the proposal likely to impact (positively or negatively) on the area's ability to support, maintain and grow a sustainable, diverse and thriving economy? **Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

- 1) Will the proposal encourage local business creation and / or growth?  
**Yes**
- 2) Will the proposal enable local jobs to be created or retained?  
**Yes**
- 3) Will the proposal promote sustainable business practices?  
**Yes**

=How would the overall impact of the proposal on it's potential to support and maintain a sustainable, diverse and thriving economy be rated?

**Green - Only positive impacts identified**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**Economic growth is a major part of the Smart Place Strategy and aims to 'drive the prospects of businesses'. It is expected that the Smart Place Strategy will enable major economic growth due to the implementation of high speed digital connectivity and 5G due to the links between improved connectivity and productivity. The strategy aims to improve digital skills for all as consultation has evidenced the demand from this from local people. The council has set up a Research and Development Consortium - currently with 65 member technology companies. As well as creating 9 jobs to date, they are working with the council on a number of use cases investigating and testing the application of Smart technology within a 5g environment.**

Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

**At a project level, consideration will be given to reporting the impacts of the Smart Place strategy on the local economy, particularly around job creation and number of SME's established in the local area.**

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## Health & Wellbeing

Is the proposal likely to impact (positively or negatively) on the creation of a inclusive and healthy social and physical environmental for all? **Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

- 1) Will the proposal contribute to improving the health and wellbeing of residents or staff?  
**Yes**
- 2) Will the proposal contribute to reducing inequalities?  
**Yes**
- 3) Will the proposal contribute to a healthier and more sustainable physical environment for residents or staff?  
**Yes**

How would the overall impact of the proposal on the creation of a fair and healthy social and physical environmental for all be rated?

**Green - Only positive impacts identified**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**The Smart Place strategy aims to 'Improve the lives of residents' with objectives including helping people achieve healthier lifestyles, improving digital inclusion (evidence shows that older people and those with disabilities are most likely to be excluded) and enabling telecare and digital devices to be placed into social and healthcare settings to support people to live independently.**

Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

**Consideration will be given to how we gather feedback from residents around the impact of these applications and connectivity. For example, the Smart Place team has previously run surveys with residents to assess the need and demand for some of its solutions, including a consultation in June 2021.**



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## Learning & Skills

Is the proposal likely to impact (positively or negatively) on a culture of ongoing engagement and excellence in learning and skills? **Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

- 1) Will it provide and/or improve opportunities for formal learning?  
**Partially**
- 2) Will it provide and/or improve community learning and development?  
**Yes**
- 3) Will it provide and/or improve opportunities for apprenticeships and other skill based learning?  
**Yes**

How would the overall impact of the proposal on the encouragement of learning and skills be rated?

**Green - Only positive impacts identified**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**The Smart Place Programme has a good relationship with both local universities and intends to work closely with both Bournemouth University and Arts University Bournemouth in providing 'real life' Smart Place projects for university students to benefit from. A pilot initiative is underway in Boscombe to support the development of digital skills development Through the Smart Place Research & Development Consortium we are able to engage directly with industry and promote the benefits of utilising apprenticeships through our own experience. A Digital Degree Apprentice completed their degree last year as part of the Smart Place team and we have also recently hosted a school age work experience student.**

Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

**The Smart Place team met with Childrens Services Director and it has been agreed to meet further with the Extended Leadership Team about possible benefits Smart Place can bring Childrens Services, particularly in relation to the Corporate Parenting Responsibility, including opportunities for jobs and apprenticeships in this field.**

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## Natural Environment

Is the proposal likely to impact (positively or negatively) on the protection or enhancement of local biodiversity or the access to and quality of natural environments?

**Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

- 1) Will it help protect and improve biodiversity i.e. habitats or species (including designated and non-designated)? **Partially**
- 2) Will it improve access to and connectivity of local green spaces whilst protecting and enhancing them? **Yes**
- 3) Will it help protect and enhance the landscape quality and character?  
**Partially**
- 4) Will it help to protect and enhance the quality of the area's air, water and land?  
**Yes**

How would the overall impact of your proposal on the protection and enhancement of natural environments be rated?

**Green - Only positive impacts identified**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**Smart technology has many potential applications to protect and enhance the environment. We are already using 5g to support air quality monitoring in the Lansdowne area and it is planned to offer residents real time information to enable sustainable transport choices. We are also supporting the development of software to analyse water quality monitoring. The MyBoscombe app provides a means for residents to access information about their environment, local green spaces, and environmental services such as recycling and reporting fly tipping to enable behaviour change. Last year the Smart Places team conducted a pilot which embedded Internet of Things sensors in the cliff tops at East Cliff and transmitted data around the stability of the cliffside back to a dashboard that could share information with officers and send alerts if there were any causes for concern. This was in response to the cliff top landslide at East Cliff and the considerable damage this caused to the natural environment. This could be scaled up across the region.**

Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

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**Some concerns have been raised in the press about radiation resulting from mobile phone masts. Our recent electromagnetic field site survey, conducted by an appropriate external assessor in April 2022, shows that levels are low and within the ICNIRP 1998 General Public limits which form the basis of the relevant Regulations. We continue to keep levels under review and data is publicly available via the Smart Place website.**

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## Sustainable Procurement

Does your proposal involve the procurement of goods, services or works? **Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

Has or is it intended that the Strategic Procurement team be consulted?

**Yes – already underway**

If the Strategic Procurement team was not consulted, then the explanation for this is:

- 1) Do the Government Buying Standards (GBS) apply to goods and/or services that are planned to be bought?  
**No**
- 2) Has sustainable resource use (e.g. energy & water consumption, waste streams, minerals use) been considered for whole life-cycle of the product/service/work?  
**Partially**
- 3) Has the issue of carbon reduction (e.g. energy sources, transport issues) and adaptation (e.g. resilience against extreme weather events) been considered in the supply chain?  
**Partially**
- 4) Is the product/service fairly traded i.e. ensures good working conditions, social benefits e.g. Fairtrade or similar standards?  
**Yes**
- 5) Has the lotting strategy been optimised to improve prospects for local suppliers and SMEs?  
**Not Relevant**
- 6) If aspects of the requirement are unsustainable then is continued improvement factored into your contract with KPIs, and will this be monitored?  
**Not Relevant**

How is the overall impact of your proposal on procurement which supports sustainable resource use, environmental protection and progressive labour standards been rated?

**Amber - Minor negative impacts identified / unknown impacts**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**It has not been possible to discover any government buying standards applicable to the telecoms industry.**



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Details of proposed mitigation/remedial action and monitoring (inc. timescales, responsible officers, related business plans etc):

**This proposal is at programme level but whole life issues have been considered on procurement to date and will continue to be taken into account where they arise.**

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## Transport & Accessibility

Is the proposal likely to have any impacts (positive or negative) on the provision of sustainable, accessible, affordable and safe transport services - improving links to jobs, schools, health and other services? **Yes**

If the answer was No, then the explanation is below (there are no answers to subsequent questions in this section):

- 1) Will it support and encourage the provision of sustainable and accessible modes of transport (including walking, cycling, bus, trains and low emission vehicles)?  
**Yes**
- 2) Will it reduce the distances needed to travel to access work, leisure and other services? **Yes**
- 3) Will it encourage affordable and safe transport options?  
**Yes**

How would the overall impact of your proposal on the provision of sustainable, accessible, affordable and safe transport services be rated?

**Green - Only positive impacts identified**



The reasoning for the answer (details of impacts including evidence and knowledge gaps):

**The provision of sustainable travel applications, powered by the data insight hub will enable much better access to information which will empower the public to make more sustainable travel choices. Ubiquitous, affordable gigabit speed fibre will have a major impact on everyone's ability to work from home. Provision of gigabit speed fibre will enable additional functionality for our traffic camera network. For example software can be added to cameras which enables detection of incidents and real time alerts for the emergency services**

Details of proposed mitigation and monitoring (inc. timescales, responsible officers, related business plans etc):

**During the laying of fibre cabling there may be diversions/disruptions on the transport network which may lead to temporary traffic delays but these will be managed and mitigated in the same way as any transport network maintenance or civils work.**