



## **KL Technologies: Single Turbine Proposal**

### **Community Engagement Report**

21<sup>st</sup> February to 11<sup>th</sup> March 202



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## **Executive summary**

1. The proposed Single Turbine is a continuation of KL Technologies commitment to the generation of green energy at their manufacturing site in King's Lynn. The proposal is for a single 1.5 MW turbine with a maximum height of around 100 m, with all cabling underground.
2. In 2014, a 1.5 MW wind turbine and 6,000 solar panels were installed at the site which enabled KL Technologies to stabilise their own power supplies and costs and reduce carbon emissions by 1,650 tonnes annually. This additional wind turbine at the plant could save a further 1,200 tonnes of Co2 emissions a year.
3. KL Technologies wanted to provide a high standard of community and stakeholder engagement, resolving to adopt a comprehensive and broad approach to consultation, providing as many avenues as possible for members of the public to engage, in an accessible way.
4. KL Technologies has 200 members of staff working at the site where the proposed turbine is to be sited, and many of these employees also live locally. The consultation was also a valuable opportunity to engage with employees. The consultation materials did not differ, and both sets of consultees – employees and residents living locally – received the same information.
5. The proposed Single Turbine was announced on 21<sup>st</sup> February 2022, and a three-week public consultation period followed, in order to provide the local community the opportunity to engage in the process.
6. Contact was made with a number of elected community representatives prior to the project being announced, to ensure that these key stakeholders were in an informed position to comment publicly and field enquiries from local people once the project had been announced.
7. The press release, issued on 21<sup>st</sup> February (see [Appendix 2](#)) was picked up by three media outlets, who published details of the consultation and in some cases the website address for the public consultation.
8. A website was established for the public consultation (<https://kltrenewableenergy.co.uk/>), which provided information on all the key features of the project, and an online feedback form. To address the issue of accessibility – specifically, reaching those who cannot access online information – an information leaflet was posted to the 2,864 households within an approx. 1.5 km buffer zone<sup>1</sup> of the proposed site with information about the project. The consultation zone map is at [Appendix 1](#). The leaflet invited people to contact the KL

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<sup>1</sup> Leaflets were sent to additional properties lying outside of, but in close proximity to, the 1.5 km buffer zone.

Technologies' team via e-mail and telephone. A printed, pre-paid feedback form was also included in the information leaflet for people who wished to return their comments by post.

9. 109 people returned a paper feedback form. The website received 94 unique views<sup>2</sup>, and 39 people completed online feedback forms.
10. In total, people engaged with KL Technologies 246 times through meetings with stakeholders, website visits, completing online and postal feedback, and via email and telephone.
11. Of those who answered direct questions about climate change, 89.2% told us that they were concerned about the effects of climate change; 93.9% said that they supported the development of renewable energy in Norfolk; and 93.2% said they supported the KL Technologies Single Turbine Proposal (with 4.1% stating they did not support the proposal, and 2.7% saying they were unsure).
12. KL Technologies are pleased with the numbers of people engaging in the consultation and the very positive feedback, particularly the high level of support being shown for its proposal to install a single turbine on its King's Lynn site. The consultation exercise has been very worthwhile and the senior leadership team at KL Technologies is keen to further explore ways that it can drive sustainability throughout its operations, and to engage with the local community and employees, to do that.

## **Introduction**

13. This report on community engagement has been prepared by Cadno Communication Ltd on behalf of KL Technologies in anticipation of a planning application for a single turbine installation at their King's Lynn manufacturing site.

## **Background**

14. Between 21<sup>st</sup> February and 11<sup>th</sup> March KL Technologies undertook a range of public engagement activities to share information on a planning application for a single turbine installation, and to seek feedback from the local community. On 21<sup>st</sup> February 2022, the scheme was announced via a press release, and the dedicated website went live. Also from Monday 21<sup>st</sup> February, residents living close to the site started to receive information through the post.

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<sup>2</sup> 'Unique views' indicate the number of individual users visiting the site

15. Arcus Consultancy Services Ltd (Arcus) are managing all of the assessments and taking the application through the planning process. Cadno Communications Ltd (Cadno) managed the community engagement and consultation. Cadno worked closely with KL Technologies and Arcus to plan and deliver the consultation collateral.

## Community engagement plan

16. The overall strategic aim of the community engagement was to ensure that the local community and key stakeholders were well informed, and that KL Technologies understands the concerns of the local community so that steps can be taken to mitigate these issues within the proposal as far as possible. KL Technologies' consultation approach - summarised in the Statement of Community Consultation - was shared with the local authority planning department prior to announcing the project.
17. KL Technologies' consultation approach - summarised in the Statement of Community Consultation - was shared with the local authority planning department prior to announcing the project and the public engagement process.

## Engagement with key political stakeholders

18. Key stakeholders were approached in confidence prior to the formal announcement, to ensure that they were in an informed position to comment publicly and field enquiries from local people. They were sent details of the project website.
19. Emails were sent to Councillors Ben Jones and Andy Tyler of North Lynn Ward, Cabinet Members Graham Middleton and Richard Blunt as well as the Business Liaison Manager Paul Harrison, all of King's Lynn and West Norfolk Council.
20. Contact was made with James Wild MP (North West Norfolk) at the end of the consultation period. Mr Wild subsequently made a site visit to KL Technologies on Monday 4 April to meet with senior company representatives and view the renewables park. The proposed second turbine was discussed briefly at this meeting and Mr Wild requested information on the public consultation.
21. The visit by James Wild MP was covered by Lynn News.

<https://www.lynnnews.co.uk/news/mp-james-wild-visits-kl-technologies-with-a-focus-on-interna-9248488/>



## Engagement with local stakeholders

22. KL Technologies sent information on the proposal to the Community Liaison Panel, a local group of around 20 industry representatives and residents who meet regularly to discuss local issues.

## Engagement with local environmental groups

23. The following environmental and climate change concern groups were also contacted directly as part of the consultation:

- Friends of the Earth Fenlands & West Norfolk
- West Norfolk Wildlife Trust
- Klimate Concern King's Lynn
- RSPB West Norfolk

## Engagement with local residents

24. KL Technologies adopted a comprehensive approach to consultation, providing a number of ways for members of the public to engage, and provide feedback, in an accessible way. The public consultation included the following activities and measures:

### I. Information leaflet

25. An eight-page double-sided A5 information leaflet including a tear-out postage paid feedback form ([Appendix 3](#)) was sent via Royal Mail to every household held on the AddressBase Plus Ordnance Survey database within a 1.5 km radius, totalling 2,864 households. Leaflets were sent to additional properties lying outside of but in close proximity to the 1.5 km buffer zone. The leaflet arrived from 21<sup>st</sup> February 2022 onwards.

### II. Website

26. A dedicated project website was created to host information about the proposal and to provide an easy way for people to give feedback.

<https://kltrenewableenergy.co.uk/>

27. This simple and easy to navigate site gave an overview of the project with maps and images and featured an extensive FAQs section to answer many of the most relevant questions concerning climate change, wind turbines and the KL Technologies proposal. The website also contained a link to the Formsite online feedback form, giving those who fell outside the 1.5 km buffer zone the opportunity to submit their views.

### III. Press release

28. A press release ([Appendix 2](#)) was distributed to the following local media outlets:

Eastern Daily Press

Lynn News

BBC East Anglia

29. The press release was picked up by the following outlets:

<https://www.edp24.co.uk/news/local-council/new-wind-turbine-set-for-kings-lynn-8727194>

<https://www.inyourarea.co.uk/post/news/622243e318f245001ac4c661>

30. An interview was conducted by BBC Norfolk journalist Jill Bennett

### IV. Email address and telephone number

31. The team at KL Technologies were readily available throughout the consultation to answer questions and queries, and members of the public were invited to get in touch via email [info@kltechnologies.co.uk](mailto:info@kltechnologies.co.uk) and by phone on 01523 622000. Details of the phone number and email address were provided on the leaflet, press release and website. Up until the end of 11<sup>th</sup> March a telephone call was received from 1 individual and 3 emails were received.

## **Feedback**

32. A total of 2,864 leaflets were distributed in total to households within the 1.5 km zone.
33. 39 online feedback forms and 109 written forms were returned.
34. In total, people engaged with KL Technologies and Cadno Communications 246 times through contact with stakeholders, unique website visits, online and postal feedback, and via email and telephone.
- 94 unique views on exhibition
  - 109 postal forms returned
  - 39 online forms submitted
  - 3 emails
  - 1 phone call
35. The online feedback form was designed to obtain views under two main headings: 'About the project' and 'About you'.
36. Respondents were invited to use the last section of both feedback forms to comment on any aspect of the proposal and sustainability. This feedback has been incorporated into the [key themes](#) (discussed from Paragraph 46) alongside comments received by email and phone.
37. Most respondents lived locally. They either received the postal feedback form, therefore residing within the 1.5 km radius from site, or they self-identified as living locally (25 from 39 respondents) as part of the online submission.
38. Those completing the online feedback form were asked to indicate their age group. Of the thirty-eight who responded to this question, four were aged over 65, twelve were aged 50-64, fourteen 35-49, and eight were aged 20-34.

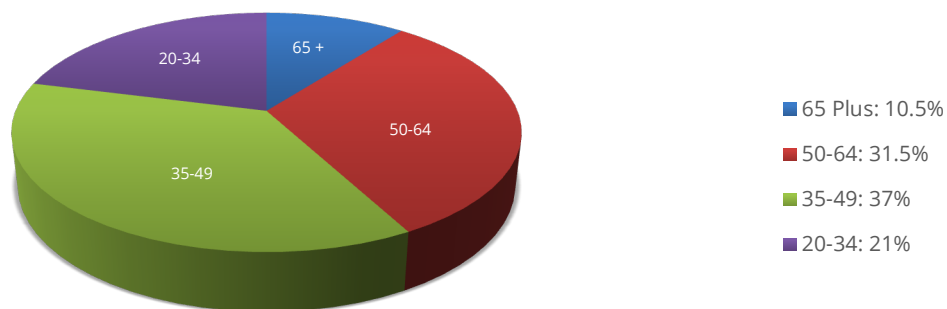


39. Fig. 1 - Summary of community feedback:

| Summary of feedback on climate change, renewable energy, and the KT Technologies single turbine proposal |                 |             |           |          |
|----------------------------------------------------------------------------------------------------------|-----------------|-------------|-----------|----------|
| Question                                                                                                 | Total responses | Yes         | No        | Unsure   |
| Are you concerned about the effects of climate change?                                                   | 148             | 132 (89.2%) | 11 (7.4%) | 5 (3.4%) |
| Do you support the development of renewable energy projects in Norfolk?                                  | 148             | 139 (93.9%) | 5 (3.4%)  | 4 (2.7%) |
| Are you supportive of the KL Technologies single turbine proposal?                                       | 148             | 138 (93.2%) | 6 (4.1%)  | 4 (2.7%) |

40. Overall, the demographic make-up of those who engaged online was as follows:

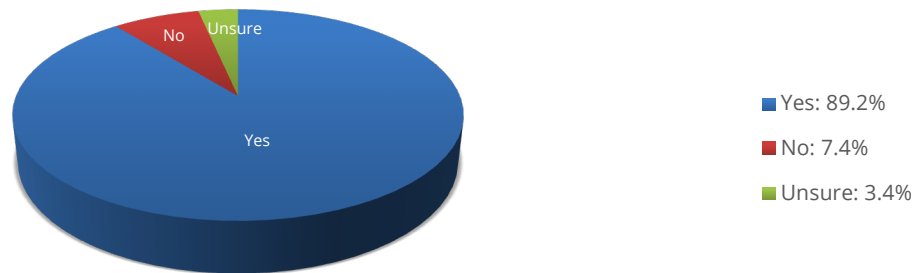
**Online engagement demographic**



41. In both the postal and online feedback form direct questions were asked about climate change, about renewable energy projects in Norfolk, and specifically about the KL Technologies proposal. 89.2% of respondents reported that they were concerned about the effects of climate change. 93.9% of respondents indicated that they were supportive of the development of renewable energy projects in Norfolk. 93.2% said they supported the KL Technologies proposal, with only 4.1% indicating that they were not supportive of the proposal and 2.7% saying that they were unsure either way.

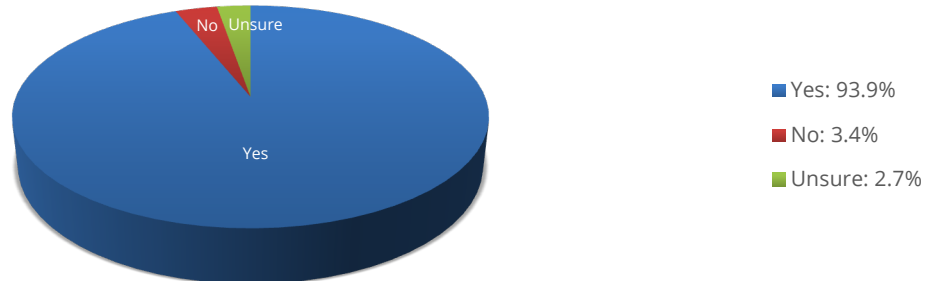
42. Fig. 2 – Climate Change opinion:

**Are you concerned about the effects of climate change?**



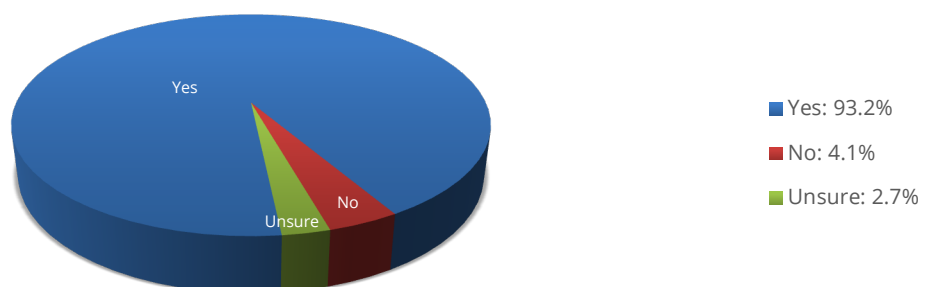
43. Fig. 3 – Opinion of respondents on renewable energy developments in Norfolk:

**Do you support the development of renewable energy projects in Norfolk?**



44. Fig. 4 – Opinion of respondents specifically on the KL Technologies proposal:

**Are you supportive of the KL Technologies single turbine proposal?**



45. Of the 94 visitors to the website, 39 submitted online feedback.

## Key themes

46. The following themes emerged from stakeholders and residents who responded to the consultation or participated in consultation events. In this section we have listed the key themes, included examples of comments from residents, and provided KL Technologies' response and proposed action.

### **I. Positive feedback and support for the project**

47. The overwhelming majority of comments received from both the online and freepost feedback methods were supportive of the proposal and of renewable energy initiatives in general. The following comments are illustrative of the positive feedback received:

*"I wish more local businesses would invest in renewable energy in this way."*

*"The current energy crisis highlighted the need for greater energy security through the use of renewable alternative energy supplies. It would seem vital for both security and climate change mitigation to allow such a significant local employer and contributor to the local economy to develop this project."*

*"I fully support this application for an additional wind turbine, in order that KL Technologies can decarbonise their manufacturing activities, ensuring sustainability of their operations while providing high-quality employment in the area."*

*"Very much support this initiative. Renewables is the future to combat the challenges of climate change and important to see Norfolk make its contribution."*

*"This initiative is a very responsible way to support manufacturing and reduce greenhouse gasses in our region. It is also making a strong commitment to the long-term future of manufacturing in King's Lynn. It's a 'no brainer'."*

*"I'm an ecologist and I know how important renewable energy is. I hope your project is approved."*

### **II. Ecology and wildlife concerns**

48. A small number of concerns were raised around the impact of the turbine on local ecology and wildlife. Specific reference was made to the possibility of increases in bird-strikes. The following comments are illustrative of feedback received:

*"I hope that you can find room on you site for a natural area for wildlife, insects, and flora."*

*"Applaud your approach to sustainability... concerned about possible bird strikes."*

49. The KL Technologies project website and information booklet explained that ecological surveys have been undertaken and gave assurances on the environmental and ecological impact of the proposal. The surveys that have been carried out showed no evidence to suggest that a wind turbine in this location would have any significant or unacceptable impacts on designated sites, birds, bats, or other protected species. KL Technologies said that they are "committed to minimising any potential environmental impacts associated with the generation of renewable energy at the Site."

### III. Visual impact

50. Only one comment was made regarding the visual impact of the proposal:

*"Large scale wind turbines should be offshore only, not ruining the skyline of historic KL. There are enough already."*

51. The project website provided information on visual impact assessment and the industrial nature of the surrounding area.
52. As part of the planning application, KL Technologies is obliged to assess the visual impact of the turbine from different viewpoints, taking into consideration the existing turbine. Whilst the turbine will be seen from the surrounding area, it is not anticipated that this will be regarded as an unacceptable visual impact. The area where the turbine is to be sited is already industrial in nature. Moreover, since the installation of the existing turbine 8 years ago, KL Technologies has received no complaints or concerns about visual impact.

### IV. Turbine noise and shadow flicker

53. Two comments were made about the existing turbine on KL Technologies' site, specifically about the shadow flicker and the noise.

*"I support this proposal but would like to mention that the noise from the existing turbine can be quite annoying on some days, however it is not something I would complain about. "*

*" We are local residents... and have concerns about the flickering effect we could receive from the new turbine. We do receive it from the old one in the summer through the house."*

54. Improved design of wind turbines has drastically reduced the noise of the mechanical components, and even in the intervening 8 years since the last turbine was installed, it is expected that the new turbine will be an improvement.

55. The existing turbine has been in place since 2014 and has received no complaints regarding noise. Often the most audible sound is that of the wind interacting with the rotor blades, rather than a mechanical sound.
56. In terms of shadow flicker, careful siting of the turbine should minimise issues of flickering.
57. The shadow flicker assessment for the current proposed turbine will take any comments into consideration and suggest suitable mitigation where required.

## V. Surplus energy/Grid connection

58. A number of respondents mentioned the possibility of surplus energy that may be generated by the turbine and asked whether this could be sold back to the grid or used to benefit local residents or businesses in some way.

*"Any details on use of surplus energy and local community benefits?"*

*"Perhaps a 2 MW turbine could future-proof your operation and surplus energy could be sold to local industry?"*

*"Love turbines. Why not put up 2 to sell back to grid or future proof for expansion?"*

59. KL Technologies will explore ways that any surplus energy might be used to benefit local homes and business.

## VI. Turbine disposal/recycling

60. There was some interest in the disposal and recycling possibilities of turbines at the end of their life. The following comments are illustrative of feedback received:

*"Very big supporter of renewable energy, but I am not a fan of wind turbines, as the environmental impact after the wind turbine will be out of use is very high in terms of recycling the fiberglass."*

*"Disposal of turbine should be environmentally friendly."*

61. The turbine will be fully decommissioned at the end of its operational lifespan. The decommissioning will include the dismantling, transportation and recycling and disposal of the turbine components and the restoration of the site to its previous condition. Approximately 90% of the steel components of a wind turbine are recyclable with the potential to re-use components (such as within the manufacturing of cement) being implemented where possible to avoid disposal to landfill. The decommissioning of the wind turbine will likely be secured via an appropriately worded planning condition.

## VII. Other issues

- 62. Several general comments were made on how businesses should be reducing their waste and their use of plastics and harmful chemicals.
- 63. Reference was made to the use of other renewable energy sources, such as tidal and solar energy.
- 64. Reference was also made to a possible increase in the use of nuclear and fracking.
- 65. Comments were made encouraging other green initiatives in industry, such as working from home where possible to cut emissions, the installation of electric car charging points and providing spaces for bicycles.
- 66. One comment was made enquiring about the need for flood protection for the turbine.
- 67. The proposed turbine location lies within Flood Zone 3 in an area benefitting from flood defenses. The risk of surface water flooding and reservoir flooding is low, and a turbine would not comprise a vulnerable use. The design of the development would be informed by flood risk and drainage strategy which would be submitted with the application.

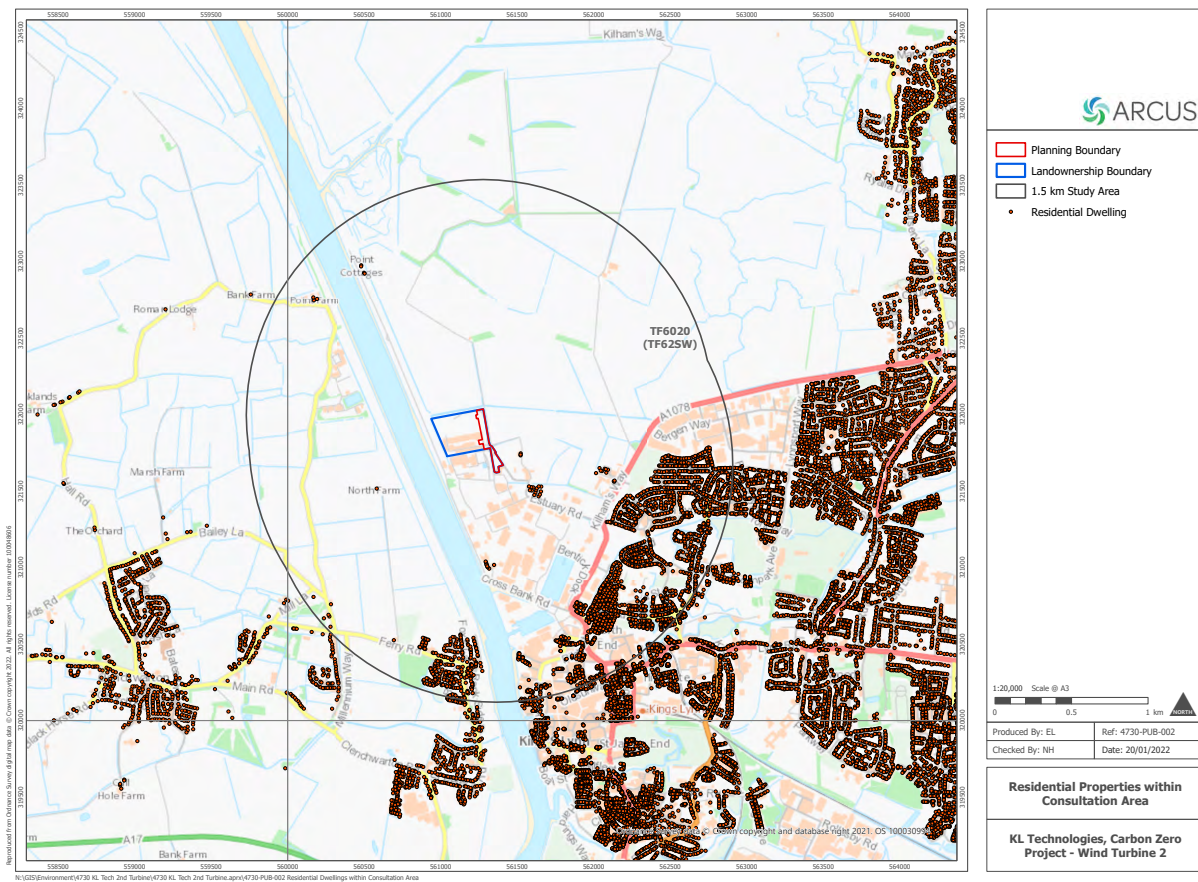
## **Summary of how KL Technologies responded to consultation feedback**

- 68. Following the public consultation process, KL Technologies have adopted several modifications to the proposals to address specific points raised wherever possible. The key changes are summarized below.
- 69. The shadow flicker assessment for the current proposed turbine will take any comments into consideration and suggest suitable mitigation where required.
- 70. KL Technologies will fully assess the visual impact of the new turbine from different viewpoints, taking into account the existing turbine.
- 71. KL Technologies are committed to minimising any potential environmental impacts associated with the generation of renewable energy on site, including impacts on wildlife and ecology.
- 72. KL Technologies are committed to moving their manufacturing operation towards net-zero and creating their own renewable energy is at the heart of their sustainable business model.
- 73. KL Technologies will explore ways that any surplus energy might be used to benefit local homes and business.
- 74. KL Technologies will make the full Community Engagement Report available on the project website, along with a summary of its key findings.
- 75. Copies of the Community Engagement Report will be sent to key political stakeholders.



## Appendices

### Appendix 1: Consultation Zone



## Appendix 2: Press Release



For immediate release Monday 21 February 2022

### **LOCAL FIRM PLANS NEW WIND TURBINE TO POWER ITS MANUFACTURING OPERATIONS**

A long-established and successful local company has launched a community consultation on plans to install a second wind turbine to generate affordable green electricity at its manufacturing base in King's Lynn.

KL Technologies, which employs nearly 200 people, says that a wind turbine would provide the secure and reliable source of affordable green electricity it needs to power its operations.

The company is preparing a planning application to submit to King's Lynn and West Norfolk Council, and now wants local residents and its workforce to provide feedback on the plans and ideas on how the company can be more sustainable.

Mark Littlewood, KL Technologies CEO, said: "The consequences of climate change will impact us all and here at KL Technologies we believe that we have a responsibility to reduce our consumption of fossil fuel. Generating our own renewable energy is at the heart of our sustainable business model.

"In 2014, we installed a 1.5 MW wind turbine and 6,000 solar panels. By generating our own renewable energy, not only did we reduce our carbon emissions by 1,650 tonnes every year, but we were also able to grow our business and provide more high skilled jobs to local people."

Manufacturing leaders at KL Technologies are working in partnership with the local community and Kings Lynn and West Norfolk Council to tackle climate change. Local politicians recently declared a climate emergency and the county urgently needs to reduce carbon emissions - West Norfolk is one of the highest emitting boroughs in the UK for Co2 emissions.

An additional wind turbine at the KL Technologies plant could save a further 1,200 tonnes of Co2 emissions a year.

Information leaflets are being sent to local residents and the consultation is also online from 21 February to 11 March. KL Technologies will submit a planning application in the spring, and West Norfolk Council is likely to make a decision in the summer.

**ENDS**

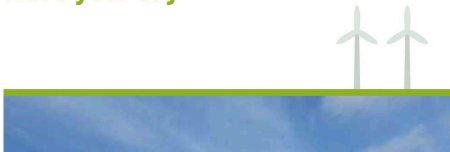
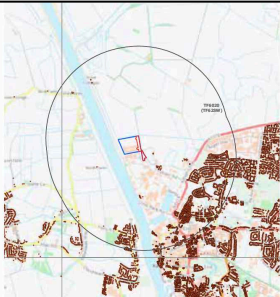
## Appendix 3: Information leaflet




**PLANNING FOR A SUSTAINABLE FUTURE**

**A community consultation on green energy at KL Technologies**

**Have your say**

**What are we proposing?**

The proposed development will consist of a 1.5 MW machine, similar in dimensions to the existing wind turbine, with a hub height of 58m and a rotor diameter of 82.3m, making the tip height of the turbine approximately 100m, the same as the existing turbine. Cabling will be underground.

Site preparation and turbine installation will take approximately 3 months, and we will ensure that all construction activity is sensitively managed so as to cause minimal disruption.

Although there are no residential properties very close by, assessments will be carried out on how visible the turbine might be from surrounding viewpoints. The application would include a noise assessment and full analysis of any potential impacts on residential amenities.

Ecology, heritage and archaeology are all important considerations in any planning application. There are no national, regional or local nature conservation designations within the immediate vicinity of the site.

Based on the extensive ecology and bird surveys undertaken over the last 2 years, there is no evidence to suggest that a wind turbine in this location would have any significant or unacceptable impacts on birds, bats or other protected species.

We are committed to minimising any potential environmental impacts associated with the generation of renewable energy at the site, and we will work with the planners to achieve this.



**Planning for a sustainable future – doing our bit**

The consequences of climate change will impact us all. We must all do our bit to be more sustainable. Here at KL Technologies, we believe that we have a responsibility to reduce our consumption of fossil fuels. Our need for a stable source of green, renewable energy is greater than ever.

Last year, King's Lynn & West Norfolk Borough Council declared a climate emergency and are now focussed on reducing carbon emissions to net zero by 2035.

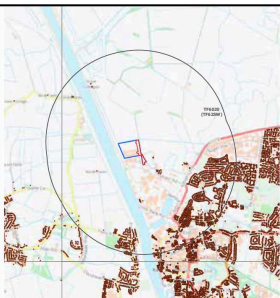
West Norfolk is one of the highest emitting boroughs in the UK for total Co2 emissions and has the highest level of Co2 in the Industry and Commercial category, making up 47.6% of total emissions in the borough<sup>1</sup>.

Generating our own renewable energy is at the heart of KL Technologies' sustainable business model. In 2014, we installed a 1.5 MW wind turbine and 6,000 solar panels, which meant that we could operate our manufacturing plant using renewable energy. Not only did this reduce our carbon emissions, but it allowed us to grow our business and provide more high skilled jobs to local people.

Our existing solar panels and wind turbine saves 1,650 tonnes in Co<sub>2</sub> emissions every year, and an additional wind turbine will save a further 1,200 tonnes a year.

Reducing the carbon footprint of industry and manufacturing is a key priority for the UK Government, and Ministers recently announced that they will enact a new climate change law targeting a 78% cut in greenhouse gas emissions by 2035 in order to reach net zero by 2050.

(SOURCE: DBES 2020, Local Authority CO2 data)



**What are we proposing?**

The proposed development will consist of a 1.5 MW machine, similar in dimensions to the existing wind turbine, with a hub height of 58m and a rotor diameter of 82.3m, making the tip height of the turbine approximately 100m, the same as the existing turbine. Cabling will be underground.

Site preparation and turbine installation will take approximately 3 months, and we will ensure that all construction activity is sensitively managed so as to cause minimal disruption.

Although there are no residential properties very close by, assessments will be carried out on how visible the turbine might be from surrounding viewpoints. The application would include a noise assessment and full analysis of any potential impacts on residential amenities.

Ecology, heritage and archaeology are all important considerations in any planning application. There are no national, regional or local nature conservation designations within the immediate vicinity of the site.

Based on the extensive ecology and bird surveys undertaken over the last 2 years, there is no evidence to suggest that a wind turbine in this location would have any significant or unacceptable impacts on birds, bats or other protected species.

We are committed to minimising any potential environmental impacts associated with the generation of renewable energy at the site, and we will work with the planners to achieve this.

**Your Response**

Send us your input using this freepost response slip or by visiting the website and submitting an online feedback form.

Please tick the appropriate box.

Q1.  
**Are you concerned about the effects of climate change?**  
☐ Yes ☐ No ☐ Unsure

Q2.  
**Do you support the development of renewable energy projects in Norfolk?**  
☐ Yes ☐ No ☐ Unsure

Q3.  
**Will you support our application for a single turbine at our site to power our manufacturing operations?**  
☐ Yes ☐ No ☐ Unsure

Q5.  
**Please use this space to tell us what more you think we can do to be sustainable, or to provide any further feedback.**

**FreePost Plus RUCY-KZSR-KRTJ**  
**K L Technologies Ltd**  
**Estuary Road**  
**King's Lynn**  
**PE30 2HS**

**2**



**What happens now?**

Please visit our website [www.kltrenewableenergy.co.uk](http://www.kltrenewableenergy.co.uk) for more information or contact us if you have any questions. We welcome your feedback. Use the freepost tear-off slip in this booklet or complete the online feedback form.

**NEXT STEPS**

- Please respond by the close of consultation - **Friday 11th March.**
- Your feedback will help us to shape the final planning application. A consultation summary will be included when we submit this.
- We aim to submit the final planning application in late Spring 2022.
- The local authority will then consider and make a decision on the application in the Summer of 2022.
- If the development gets the go-ahead, installation of the wind turbine will take approximately 3 months to construct.

**THE CONSULTATION CLOSES ON 11TH MARCH 2022. PLEASE SEND YOUR FEEDBACK BY THIS DATE.**




**About KL Technologies**

KL Technologies manufactures membranes, ceramics, water filters, and textile coatings for the UK market and for export around the world. We are proud to be based in King's Lynn and of our role as a significant local employer, currently providing around 190 high-skilled and well-paid jobs. We also offer apprenticeships to young people locally and have a training partnership with University Centre West Anglia. In 2020, we made use of our production facilities and expertise to manufacture PPE for the NHS and carers.

+44 (0) 1553 622000  
[info@klttechnologies.co.uk](mailto:info@klttechnologies.co.uk)

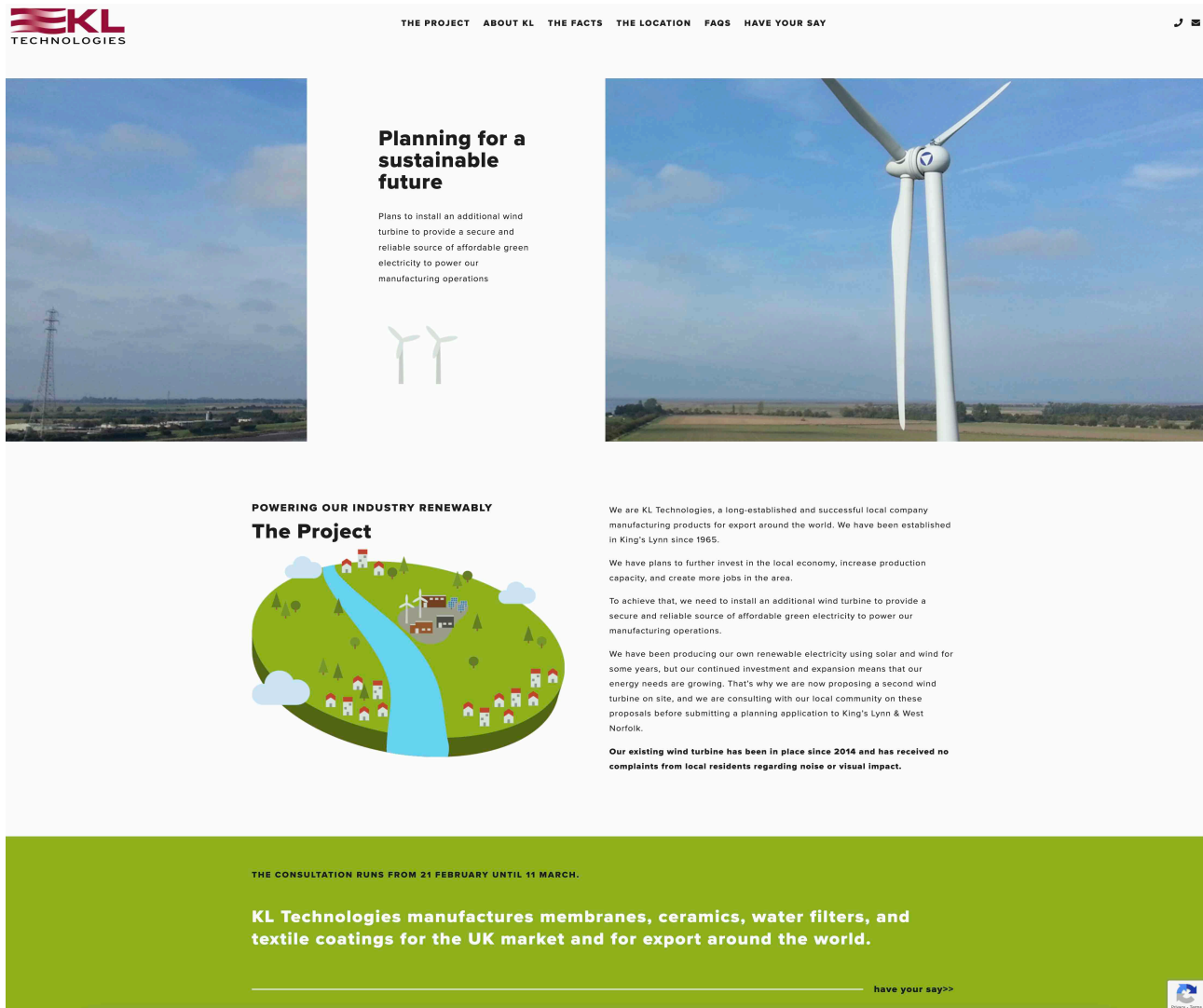
We hope you will support our plans for a new wind turbine and further investment in our business.

Visit us online for more info  
[WWW.KLTRENEWABLEENERGY.CO.UK](http://WWW.KLTRENEWABLEENERGY.CO.UK)





## Appendix 4: Website



**KL TECHNOLOGIES**

THE PROJECT ABOUT KL THE FACTS THE LOCATION FAQs HAVE YOUR SAY

### Planning for a sustainable future

Plans to install an additional wind turbine to provide a secure and reliable source of affordable green electricity to power our manufacturing operations

**POWERING OUR INDUSTRY RENEWABLY**

#### The Project

We are KL Technologies, a long-established and successful local company manufacturing products for export around the world. We have been established in King's Lynn since 1965.

We have plans to further invest in the local economy, increase production capacity, and create more jobs in the area.

To achieve that, we need to install an additional wind turbine to provide a secure and reliable source of affordable green electricity to power our manufacturing operations.

We have been producing our own renewable electricity using solar and wind for some years, but our continued investment and expansion means that our energy needs are growing. That's why we are now proposing a second wind turbine on site, and we are consulting with our local community on these proposals before submitting a planning application to King's Lynn & West Norfolk.

**Our existing wind turbine has been in place since 2014 and has received no complaints from local residents regarding noise or visual impact.**

THE CONSULTATION RUNS FROM 21 FEBRUARY UNTIL 11 MARCH.

**KL Technologies manufactures membranes, ceramics, water filters, and textile coatings for the UK market and for export around the world.**

[have your say>>](#)

|                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>The Turbine</b></p> <p>1.5 MW machine. Hub height of 58m &amp; rotor diameter of 82.3m. Tip height approximately 100m. Cabling will be underground.</p>                                                                                          |  <p><b>Timescale</b></p> <p>Site preparation and turbine installation will take approximately 3 months, and we will ensure that all construction activity is sensitively managed so as to cause minimal disruption.</p>                                                          |  <p><b>Residential Impact</b></p> <p>Although there are no residential properties very close by, assessments will be carried out on how visible the turbine might be from surrounding viewpoints. The application would include a noise assessment and full analysis of any potential impacts on residential amenities.</p> |
|  <p><b>Conservation</b></p> <p>Ecology, heritage and archaeology are all important considerations in any planning application. There are no national, regional or local nature conservation designations within the immediate vicinity of the site.</p> |  <p><b>Birds</b></p> <p>Based on the extensive ecology and bird surveys undertaken over the last 2 years, there is no evidence to suggest that a wind turbine in this location would have any significant or unacceptable impacts on birds, bats or other protected species.</p> |  <p><b>Environment</b></p> <p>We are committed to minimising any potential environmental impacts associated with the generation of renewable energy at the site, and we will work with the planners to achieve this.</p>                                                                                                    |

## PLANNING AHEAD & DOING OUR BIT A sustainable future

The consequences of climate change will impact us all. We must all do our bit to be more sustainable. Here at KL Technologies, we believe that we have a responsibility to reduce our consumption of fossil fuels. Our need for a stable source of green, renewable energy is greater than ever.

Last year, King's Lynn & West Norfolk Borough Council declared a climate emergency and are now focussed on reducing carbon emissions to net zero by 2035.

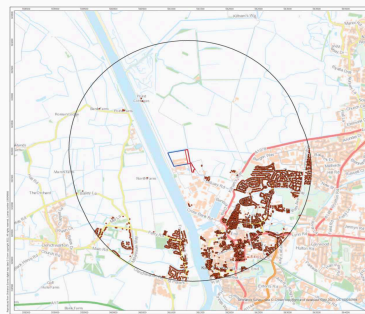
West Norfolk is one of the highest emitting boroughs in the UK for total Co2 emissions and has the highest level of Co2 in the Industry and Commercial category, making up 47.6% of total emissions in the borough\*.

Our existing solar panels and wind turbine saves 1,650 tonnes in Co2 emissions every year, and an additional wind turbine will save a further 1,200 tonnes a year.

Generating our own renewable energy is at the heart of KL Technologies' sustainable business model. In 2014, we installed a 1.5 MW wind turbine and 6,000 solar panels, which meant that we could operate our manufacturing plant using renewable energy. Not only did this reduce our carbon emissions, but it allowed us to grow our business and provide more high skilled jobs to local people.

Reducing the carbon footprint of industry and manufacturing is a key priority for the UK Government, and Ministers recently announced that they will enact a new climate change law targeting a 78% cut in greenhouse gas emissions by 2035 in order to reach net zero by 2050.

*\*(Source: DBEIS 2020, Local Authority CO2 data).*



## The location

The wind turbine will be on our existing manufacturing site, immediately to the east of the factory and office buildings. We are located on the Riverside Industrial Estate just off the Estuary Road. The site is 1.75 km North of the centre of King's Lynn.

- Planning Boundary
- Landownership Boundary
- 1.5km Consultation Zone
- Residential Dwelling

## FAQ's

- Who are KL Technologies? ▼
- Why do KL Technologies need a new wind turbine? ▼
- Where will the new turbine be located? ▼
- Will the new turbine be visible from where I live? ▼
- Will the turbine be noisy? ▼
- Could the turbine affect local wildlife? ▼
- How efficient are wind turbines? ▼
- How long does a wind turbine work for? ▼
- What happens when the planning permission expires or the life of the turbine comes to an end? ▼
- What are a turbine's lifetime emissions? ▼
- What are the emissions savings of your renewable energy projects? ▼
- Do wind turbines harm human health? ▼
- What other environmental benefits does wind power bring? ▼
- What are the UK's climate change commitments? ▼
- Where can I find more detail about the proposal? ▼



[Press Release](#)

## Appendix 5: Statement of Community Consultation



### KL Technologies Single Turbine Project

#### ***Statement of Community Consultation***

KL Technologies aims to ensure that the local community and planning authority are well informed, and that KL Technologies understands the concerns of the local community so that steps can be taken to mitigate these issues within the scheme as far as possible. Engagement with the key stakeholders will begin in the week of 21 February, and the deadline for feedback from stakeholders and residents is 14 March.

This document sets out the steps KL Technologies will take to inform the community and invite feedback.

KL Technologies will:

- Brief key council stakeholders.
- Issue a press release to the local press announcing the project.
- Provide clear ways to contact the project team: telephone 01553 622000 and email [info@kltechnologies.co.uk](mailto:info@kltechnologies.co.uk)
  - The project team will field all queries, with meetings offered to any persons requesting more in-depth discussions or explanations.
  - The option of a virtual village hall meeting (at which residents can hear about the project and ask questions) will be considered as the consultation progresses.
- Have a project website (address tbc) for the duration of the project, updated when appropriate with information and timescales.
- Distribute an information leaflet to households within a 2km radius of the site.
  - The information leaflet will also include a freepost feedback form that can be detached, completed, and returned to KL Technologies free of charge.
- Offer residents and other stakeholders the ability to provide feedback through an online form accessed via the website.
- Provide regular project information to and offer to meet with local elected representatives.
- Incorporate all feedback in a community engagement report and incorporate views in the planning submission.



## Appendix 6: Site location plan



## Appendix 7: Formsite online feedback forms



Here at KL Technologies, we believe that we have a responsibility to reduce our consumption of fossil fuels. Our need for a stable source of green, renewable energy is greater than ever.

We are keen consult with the community and would like to hear your views on our new single turbine proposal.

There is no obligation to answer all or any of these questions.

### About the project

1. Are you concerned about the effects of climate change?

☐ Yes  
☐ No  
☐ Unsure

2. Do you support the development of renewable energy projects in Norfolk?

☐ Yes  
☐ No  
☐ Unsure

3. Do you support our application for a single turbine at our site to power our manufacturing operations?

☐ Yes  
☐ No  
☐ Unsure

4. Please use this space to provide any feedback.

### About you

5. Are you a local resident?

☐ Yes (if yes, please provide your postcode)  
☐ No

6. Are you completing this feedback form as a representative of an organisation or group?

☐ No  
☐ Yes (if so, which organisation?)

7. What age category do you fall into?

8. Where did you find out about the proposal

☐ Newspaper  
☐ Word of mouth  
☐ Website  
☐ Flyer through my door  
☐ Social media  
☐ Workplace  
☐ Other (please state)

Please visit our website [www.kltrenewableenergy.co.uk](http://www.kltrenewableenergy.co.uk) for more information or contact us if you have any questions. We welcome your feedback.