

Appendices

- A. Letter to Elected Political Representatives - 7 July 2023
- B. Pre-Exhibition Advertising - 24 & 3 August 2023
- C. Pre-Exhibition Mailing - 25 August 2023
- D. List of community groups within 7.5km - 25 August 2023
- E. Public exhibition information boards - 5 & 6 September 2023
- F. Comment form - 5 & 6 September 2023
- G. Online public exhibition screenshots - 7 September 2023

A. Letter to Elected Political Representatives – 7 July 2023



7th July 2023

Dear 

RE: Mullaghclogher Wind Farm Proposal

I am writing to let you know that RES is exploring the potential for a wind farm, in the townlands of Carrickayne, Legnahappoge, Glengarrow, Stroanback and Doorat, approximately 4km northeast of Plumbridge, County Tyrone.

RES has been operating from their office in Larne since the early 90s, employing over 20 local people. At the forefront of the renewables industry for 40 years, RES has delivered more than 23GW of renewable energy projects across the globe. In Northern Ireland, RES has developed and/or constructed nearly 430MW and operates over 160MW of onshore wind projects.

Northern Ireland's Climate Bill sets a target of 80% of electricity consumption from renewable sources by 2030, and it is expected that 65% of this will need to come from onshore wind. If consented, Mullaghclogher Wind Farm would be capable of generating around 72MW of clean, low-cost electricity, equivalent to the electricity usage of around 86,000 homes each year. Onshore wind projects like Mullaghclogher contribute to the Climate Bill target, enable more energy to be generated domestically improving security of supply, and are the cheapest form of new electricity generation, alongside offshore wind and large-scale solar. This makes developments like Mullaghclogher not just good for the environment but also for the consumer.

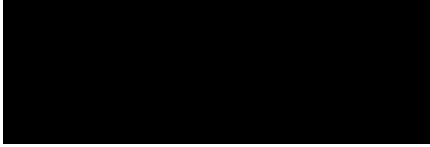
Mullaghclogher Wind Farm could provide a vital economic boost, create skilled, sustainable jobs and help to drive a cleaner and more resilient economy. Mullaghclogher has the potential to deliver approximately £3.3 million into the local area in the form of jobs, employment, and the use of local services.

At this early stage we have submitted a Proposal of Application Notice (PAN) to the Department for Infrastructure whilst our site-specific surveys continue to inform the layout for the wind farm. A full Environmental Statement will be compiled and submitted with the planning application later this year. A copy of the PAN is attached to this letter.

RES is committed to engaging early with the local community and key stakeholders to facilitate constructive consultation. Once we have received feedback on the PAN, we will begin a number of

consultation activities in the coming weeks including newsletter distribution, a dedicated project website and a public exhibition. We would welcome the opportunity to meet with you directly to discuss the project and listen to any feedback that you may have regarding our proposal.

Yours sincerely,



Ellen Cross
Development Project Manager
E ellen.cross@res-group.com
T +44 7825 807 297

| Official Use Only | |
|----------------------------|--|
| Reference No.: | |
| Associate Application No.: | |
| Registration date: | |

Proposal of Application Notice

Planning Act (Northern Ireland) 2011

Planning (General Development Procedure) Order (Northern Ireland) 2015

To be completed for all developments within the major category of development

Please note that when you submit this form the information, including plans, maps and drawings, will appear on the Planning Register which is publicly available and, along with other associated documentation (with the exception of personal telephone numbers, email addresses or sensitive personal data), will also be published on the internet on the Public Access site (<http://epicpublic.planningni.gov.uk/publicaccess/>). The Department for Infrastructure and the 11 Councils will process your information in line with the General Data Protection Regulations (GDPR) requirements. A copy of the full Privacy Statement is available at www.infrastructure-ni.gov.uk/dfi-privacy. To request a hard copy, please contact the relevant Data Protection Officer as listed in the statement.

1a. Applicant's name and address

1b. Agent's name and address (if applicable)

| | | | |
|-----------|---------------------------------------|-----------|--|
| Name: | RES Ltd | Name: | |
| Address: | Unit C1 & C2 Willowbank Business Park | Address: | |
| | Willowbank Road, Millbrook | | |
| Town: | Larne | Town: | |
| Postcode: | BT40 2SF | Postcode: | |
| Tel: | 028 2844 0580 | Tel: | |
| E-mail: | ellen.cross@res-group.com | E-mail: | |

2. Address or Location of Proposed Development Please state the postal address of the prospective development site. If there is no postal address, describe its location. Please outline the site on an OS base plan and attach it to this completed notice.

Mullaghclogher Windfarm
Located in the townlands of Carrickayne, Legnahappoge, Glengarrow, Stroanback and Doorat, 4KM North East of Plumbridge, County Derry/Londonderry, Northern Ireland.

3. What is the area of the site in hectares?

629.23

4. Description of Proposed Development Please describe the development to be carried out, outlining its characteristics. Please also enclose appropriate drawings, including: plan, elevations and site layout of the proposal.

The Proposed Development comprises up to 12 three-bladed horizontal axis wind turbines, each up to 180 m maximum tip height; associated external electricity transformers; underground cabling; access tracks; turning heads; crane hardstandings; control building and substation compound, battery energy storage containers, off-site areas of widening to the public road and all ancillary works. During construction and commissioning there would be a number of temporary works including a construction compound with car parking; temporary parts of crane hardstandings; welfare facilities. The purpose of the development is for the generation of electricity.

5. What is the total gross floorspace of the proposed development?

N/A

6. If the proposed development includes a renewable energy project, what is the total amount of power (in kilowatts or megawatts) expected to be generated per year?

Approx. 72MW Installed capacity

7. Which type of planning permission does this Proposal of Application Notice relate to?

(Please tick)

Full planning permission



Outline planning permission



8. Has a determination been made as to whether the proposed development would be of Regional Significance?

Yes



(Please enclose a copy of the determination made under Section 26 of the Planning Act (NI) 2011)

No



9. Has an Environmental Impact Assessment determination been made?

Yes



(Please enclose a copy of the determination made under Part 2 of the Planning [Environmental Impact Assessment] Regulations [NI] 2015)

No



10. Please give details of proposed consultation

| Proposed public event | Venue | Date and Time |
|-----------------------|---|----------------------------|
| Public Exhibition | Aughabrack & District Community Association | Tuesday 5th September 2023 |
| | 253 Lisnaragh Road, Donemana, BT82 0SD | 4pm to 8pm |
| | | |
| | | |
| | | |

Name of publication(s) used:
Strabane Weekly
Tyrone Chronicle

Proposed newspaper advert date(s):
Date of which both newspapers will be published: 24th August 2023

Please specify details of any other consultation methods including distance from site for notifying neighbouring properties (e.g. 100m, 200m etc) and method of notification (please include date, time and with whom):

- * Information leaflets delivered to all houses within 5km, and all community groups including churches & schools within 7.5km.
- * Staffed public exhibition with information slides and feedback opportunities
- * Write to stakeholders such as MLA's, Councillors, Community groups and any other interested parties

Details of any other publicity methods (such as leaflets, posters, etc):

Project website which will go live prior to the advertisement being placed in the previously afformentioned newspapers.

11. Please state which other parties have received a copy of this Proposal of Application**Notice** (Please continue on a separate sheet if necessary)

| | |
|--|--|
| Elected member(s) for District Electoral Area DEA Councillors Councillor Jason Barr Councillor Raymond Barr Councillor Paul Boggs Councillor Allan Bresland Councillor Paul Gallagher Councillor Brian Harte Councillor Fergal Leonard | Date notice served Friday 7th July 2023 |
| Other West Tyrone MLAs and MP Nicola Brogan Tom Buchanan Declan McAteer Daniel McCrossan Maoliosa McHugh Orfhlaith Begley MP | Date notice served Friday 7th July 2023 |

12. Council Employee / Elected Member Interest

Are you / the applicant / applicant's spouse or partner, a member of staff within the council or an elected member of the council?

Yes

☐

No

☒

Or are you / the applicant / the applicant's spouse or partner, a relative of a member of staff in the council or an elected member of the council or their spouse or partner?

Yes

☐

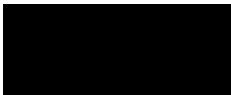
No

☒

If you have answered yes, please provide details (name, relationship and role):

| |
|--|
| |
|--|

13. Declaration

| | |
|--------------------|---|
| Signature: |  |
| Print name: | Ellen Cross |
| Date: | 7th July 2023 |

PLEASE NOTE: A planning application for this development cannot be submitted less than 12 weeks from the date the Proposal of Application Notice is received and without the statutory requirements having been undertaken. The application must be accompanied by the Pre-Application Consultation report.

We will respond within 21 days of receiving the Notice. We will confirm whether the proposed pre-application community consultation is satisfactory, or if additional notification and consultation is required. The minimum statutory consultation activity includes holding one public event and its advertisement in a local paper. We also require this Notice to be sent to local councillors for the District Electoral Area in which the proposed development is situated, and evidence of additional publicity of the event.

Regional Planning Policy & Casework



Department for

Infrastructure

An Roinn

Bonneagair

www.infrastructure-ni.gov.uk

Ms Ellen Cross
Renewable Energy Systems Ltd.
ellen.cross@res-group.com

Clarence Court
10-18 Adelaide Street
Belfast
BT2 8GB
Tel: 0300 200 7830

Our reference:
SPD/2023/0966/DETS26
Date: 6 July 2023

Dear Ms Cross

Reference: SPD/2023/0966/DETS26

Location: Townlands of Carrickayne, Legnahappoge, Glengarrow, Stroanback and Doorat, 4KM North East of Plumbridge, County Derry/Londonderry.

Proposal: Proposed Mullaghclogher Wind Farm comprising 12 three-bladed horizontal axis wind turbines, each up to 180m maximum height above ground level and with a maximum rotor diameter of up to 150m. The proposed development would also include: associated external electricity transformers; underground cabling; access tracks; turning heads; crane hardstandings; control building and substation compound, energy storage containers, off-site areas of widening to the public road and all ancillary works. During construction and commissioning there would be a number of temporary works including a construction compound with car parking; temporary parts of crane hardstandings; welfare facilities. The purpose of the development is for the generation of electricity.

I refer to your correspondence dated 29 June 2023 and your request for a determination under Section 26 of the Planning Act (Northern Ireland) 2011 for the above proposal.

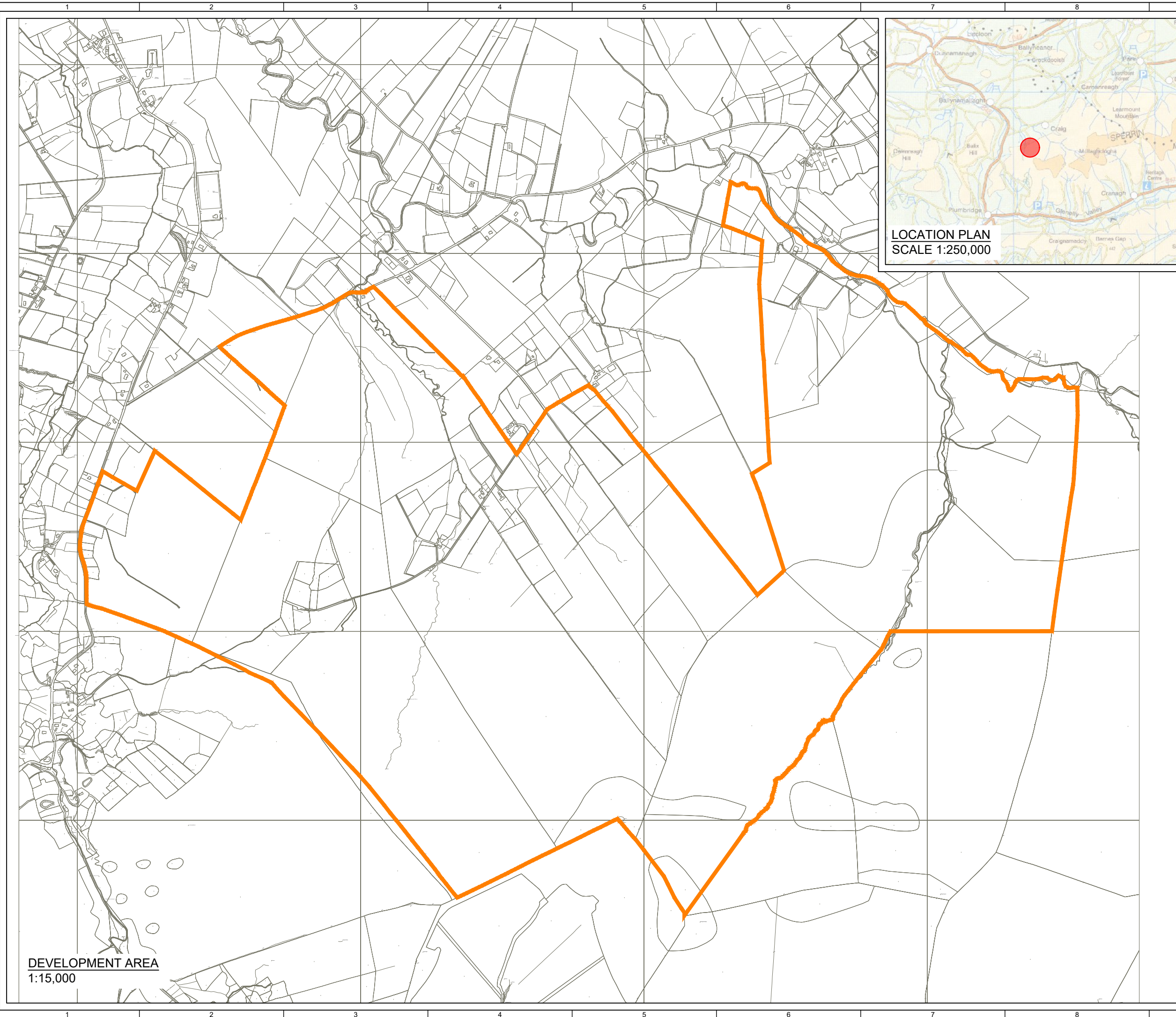
Having considered the information provided, the Department is of the opinion that the development would, if carried out, be of significance to the whole or a substantial part of Northern Ireland.

In accordance with Section 26(4) of the above Act, the Department hereby notifies the prospective applicant that the development proposed is development to which Section 26 applies. Any planning application should therefore be made to the Department for Infrastructure.

Yours sincerely

Graeme Walker

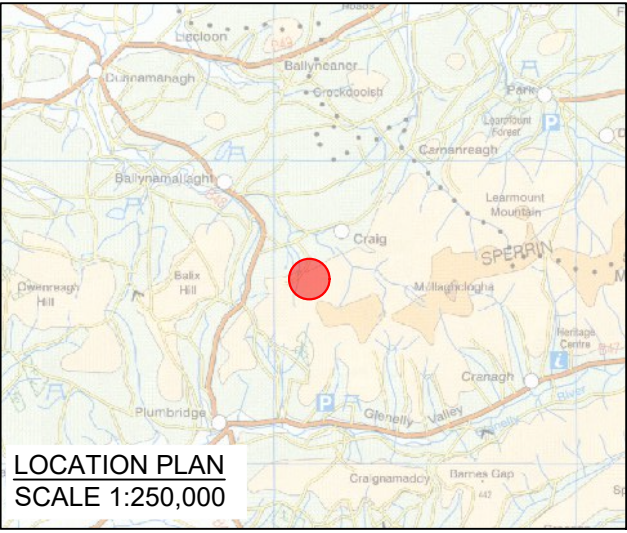
Principal Planner, Regional Planning Policy & Casework



THE LAND & PROPERTY SERVICES INTELLECTUAL PROPERTY IS CROWN COPYRIGHT AND IS REPRODUCED WITH THE PERMISSION OF LAND & PROPERTY SERVICES UNDER DELEGATED AUTHORITY FROM THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE, © CROWN COPYRIGHT AND DATABASE RIGHT 2023 LICENCE NO. 242.

KEY:

■ TOTAL DEVELOPMENT AREA (629.23 ha)



| | | | | | |
|---|----|---------|----|------------|-------------------------------|
| 4 | CT | PG | KM | 2023-03-14 | BOUNDARY UPDATED |
| 3 | FP | BY APPD | PG | 2022-09-01 | OS mapping background updated |
| 2 | FP | PG | KM | 2022-06-20 | Development Area Updated |
| 1 | FP | BY APPD | KM | 2021-10-11 | First Issue |

| | | | | | |
|------------------------|-------|------|------|------|---------------------|
| ISSUE | DRAWN | CHKD | APPD | DATE | REVISION NOTES |
| PURPOSE PRELIMINARY | | | | | COORDINATES OSNI |
| SCALE AS SHOWN @A3 | | | | | DATUM N/A |
| LAYOUT DRAWING N/A | | | | | T-LAYOUT NO N/A |

| | |
|---------------|-----------------------------|
| PROJECT TITLE | MULLAGHCLOGHER WIND FARM |
|---------------|-----------------------------|

DRAWING TITLE
TOTAL DEVELOPMENT AREA

| | |
|-------------------------|-----|
| RES DRAWING NUMBER | REV |
| 04398-RES-LAY-DR-LE-009 | 4.1 |

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION



BEAUFORT COURT,
EGG FARM LANE,
KINGS LANGLEY,
HERTS WD4 8LR. UK
TEL +44 (0) 1923 299200
WWW.RES-GROUP.COM

B. Pre-Exhibition Advertising – 24 & 3 August 2023

Flight chaos for Tyrone passengers

by William Smith
www.strabaneweekly.co.uk

LOCAL passengers were among the tens of thousands of people caught up in delays resulting from Monday's UK air traffic control fault.

Tyrone man, Stephen Anderson, and his wife, Sarah, were caught up in the flight chaos when their flight from Krakow, Poland, was unexpectedly cancelled due to a technical problem at National Air Traffic Services (Nats), which runs UK air traffic control systems.

The problem has cost the couple dear, as they have not yet been able to return to Northern Ireland and have incurred the expense of having to stay in the country for longer than expected, and having to miss work, ahead of their new flight home this Friday.

Another Tyrone man, who was attempting to fly home from Luton, was also caught in the pandemonium, and ended up "paying excessively" for a flight, more than a day later than planned.

The Nats technical error lasted for around four hours, 1,600 flights were cancelled across UK airports on Monday, and a further 300 were cancelled yesterday (Tuesday) morning, with many more delayed for several hours.

Mr Anderson, who had hoped to take advantage of the long-weekend to see the historical city of Krakow, said his travelling experience "soon turned to a nightmare".

"We were supposed to leave yesterday (Monday) on our Ryanair flight at 4pm," he explained. "We arrived at the airport at 1pm, and everything was grand and we went through to the departure gate."

"Then, at around quarter past three, it came up on screen that our flight to Dublin was cancelled. There was no announcement or explanation. At the same time, flights from Luton, Manchester and Stansted came up as cancelled."

"We were looking for staff and there was no-one to be seen. We then saw on the BBC news website that there was an issue with air



traffic control, and we realised we weren't going anywhere."

According to Stephen, scores of chaos ensued and huge queues gathered at a desk where a single Ryanair staff member was dealing with people.

After waiting in the queue for three hours, the couple were asked to decide on the spot if they wanted to rebook onto a flight on Sunday to Belfast International. However, given the length of time until the flight and as their car was in Dublin, Stephen and Sarah turned down the offer.

The couple eventually managed to get re-booked onto an earlier flight, instead on Friday via Prague, to Dublin. Other earlier flights, which wouldn't have been covered by the airline, would have cost them £2,000 out of pocket.

During this debacle, Stephen said Ryanair were less than accommodating.

"At this stage we had been in the airport for eight hours and there was no mention of providing a voucher for food or a drink, let alone accommodation," he said.

"We had been in the airport, and even though the flight is covered, the extra few days of hotel stays and food are not. We both have also had to take time off work, unpaid, which is money lost in a week of this."

The whole thing has been very annoying, and although it's technically not Ryanair's fault, they could have handled it so much better.

"We found ourselves with no staff to talk to, and no announcements or information of any kind. They didn't even send a text or email

about it. The customer service we have been exceptionally poor."

Meanwhile, another Tyrone man, who did not wish to be named, said the technical problem with his flight from Luton to Belfast just before 1pm, and I was in the queue when we were told about the situation," he told the Tyrone Centinel.

"I sat in the lounge and watched the stress that unfolded as families were told their holidays had been cancelled. It was hellish."

The airport, kept getting busier and busier, seats were few and far between and there were massive queues for food and water. Ryanair customer services were not pleasant to deal with.

"Although I understand they were faced with a difficult situation, I suspected they didn't have much empathy or understanding for those affected by the cancellations and delays."

"Once people realised that they weren't going to be able to travel, the rage for flights on Tuesday started. They were almost sold out immediately at huge prices and many airlines had to be approached due to the high demand. I was able to get booked on a flight but paid exorbitantly for it."

"Many people were queuing through the airport at the same time, temples rained and some very upset people. All is all

not an experience flights are still being cancelled and there are reports it could be a matter of a few days before normality resumes."

"What is more, now is that normality resumes."

For fast and effective results try our full colour advertising service.

CONTACT THE ALPHA MEDIA GROUP

CATERPILLAR, ICI, NORTEL OR COURTAULDS

If you worked for one of these employers or in any other noisy job you may be able to claim compensation for hearing loss.

**FREE Initial Consultation
Phone 028 90200050**

mmwclaims.com



Mullaghclogher Wind Farm - PUBLIC EXHIBITIONS AND CONSULTATION

res

RES is consulting on plans for a wind farm on land in the townlands of Carrickclogher, Legnahapogue, Glegarrow, Stronaback and Dorset, County Londonderry, approximately 4km northeast of Plumbridge.

We are keen to engage with the local community and as part of our pre-application consultation we are holding public exhibitions in the local area to share more information about the project and to enable you to provide us with your feedback. RES staff will be on hand to answer any questions or queries, and comment forms will be available to gather feedback.

We will also be launching an online public exhibition on Thursday 7th September and it will be hosted at www.mullaghclogher-windfarm.co.uk.

RES will be offering individual telephone or video call appointments between 10am - 2pm and 4pm - 6pm, on the day, for anyone wishing to discuss the proposal further or ask specific questions. Appointments should be booked in advance.

To book an appointment, for further information or to submit comments please contact Ellen Cross at ellen.cross@res-group.com or by calling 07825 807297.

The public and online exhibitions initiate a consultation period being run by RES to gather comments on the proposal. Please provide feedback on the preliminary design by Friday 22nd September 2023 at 5pm.

Comments will still be accepted after this date but may not be considered in relation to the design development. Comments on the proposal should be provided in writing by filling out a comment form at the public exhibitions.

Comment forms will also be available at www.mullaghclogher-windfarm.co.uk from 7th September 2023 which can be submitted by email to carol.green@res-group.com or by post to:

RES, County Antrim, Willow Bank Business Park, Willowbank Rd, Millbrook, Larne BT40 2SE.

Tuesday 5th September
4pm - 8pm
Aughabrack Community Hall
253 Linaghy Road, Donaghadee,
BT22 0SD

Wednesday 6th September
4pm - 8pm
Diamond Public House
15 Main Street, Glencappagh,
Plumbridge, BT79 8AA

Please note that comments submitted to RES at this time are not representations to the determining authority (Strategic Planning Directorate) for infrastructure. There will be an opportunity to submit representations to the determining authority should an application be made.

'Poverty and deprivation' blamed as Western Trust records highest number of mental health admissions in NI

POVERTY and deprivation in the West have been blamed for some of the contributing factors to high mental health admissions in the region.

According to fresh figures, a total of 823 admissions to facilities under the Mental Health programme was in the Western Trust area.

The 1,542 admissions made in the Western Trust from 2022 to 2023 was double the amount of patients admitted to facilities in the next highest Trust area in the last year, the Northern Trust, which has 823 admissions.

A spokesperson from the Western Trust said: "While all Trusts across Northern Ireland are currently experiencing a high level of mental health admissions, locally an increase in admissions has been experienced due to factors such as 'poverty and deprivation' and 'differences in community services'."

DUP MP Tyrone MLA, Tom Buchanan, said the new figures were a "marker of great concern".

"For the Western Trust area to be dealing with 35 per cent of the total number of patient admissions with Mental Health issues throughout Northern



The Tyrone and Fermanagh Hospital, Omagh, SU559HSE3

Ireland is alarming and needs to be urgently addressed," he said. "This will no doubt place an increased burden on the Western Health and Social Care Trust from both a workforce and financial aspect."

"The cause of such a high number of patients within the WBHC area is a very vulnerable place," Buchanan said. "Mental Health issues compared to other Health Trust areas needs an investigation to establish what preventive programmes are in place or prospective measures they may have in place which could be replicated across the Western Trust area to help reduce the number of patients presenting with such

issues. "However, it is absolutely essential that all patients presenting with mental health issues are assessed immediately and treated without delay given the serious effect such issues have on the individual life who are normally at a very low ebb and in a very vulnerable place."

Buchanan, SDLP West Tyrone MLA, Daniel McDermott, said the figures suggest that a "mental health crisis" is being experienced in the Western region.

"It has been clear for some years that we are in the midst of a serious mental health crisis across the North, but as these figures and the previous studies around the number of

prescription medication funded out of the Western Trust area show, people in Derry, Tyrone and Fermanagh seem to be having particularly acute difficulties with their mental health," he said. "This could be due to a number of factors around historic under investment, a lack of opportunities, the legacy of our past and addiction issues, but whatever the reasons, it is clear these people are not getting the help they need."

"While we have made some progress in how mental health issues are perceived and treated we still have a long way to go to get people struggling with poor mental health proper

support and treatment. For too often the burden of caring for people with mental health and addiction issues falls on community or voluntary groups as the health service simply cannot keep up with the demand for services."

"Many families are in the desperate situation of not knowing when to turn because their loved one, including those experiencing a crisis, face long waits for treatment when they need an immediate intervention."

"The Department of Health had previously revealed a ten-year mental health action plan, but like everything here it has been impacted by the collapse of Stormont, leaving

significant funding as a result of current budgetary provisions. "This issue could not be more serious, there are few families in the North who have not suffered the loss of a loved one due to issues with their mental health and a properly funded overhaul of mental health services must be a key part of health service transformation."

A spokesperson from the Western Trust said:

"All HSC Trusts across Northern Ireland are currently experiencing a high level of mental health admission. Locally we have seen an increase in admissions this is multi-factorial and reflects poverty and deprivation and differences in community services across different Trusts."

"Despite the increase in admissions we continue to meet the pressing need of the population - of the

Western Trust, whilst we continue to review our continuity services in line with the mental health strategy for Northern Ireland."

The spokesperson continued: "Regardless of the increase in demand for our service, we want our patients, their families and the wider public to have confidence in their local mental health services and not to be discouraged or afraid to reach out for help."

CATERPILLAR, ICI, NORTEL OR COURTAULDS

If you worked for one of these employers or in any other noisy job you may be able to claim compensation for hearing loss.

FREE Initial Consultation
Phone 028 90200050

Millar McCall Wylie
mmwclaims.com



Welcome as major Strathroy residential development underway

A WEST Tyrone MLA has welcomed the commencement of site works for a residential development that will see 104 houses and 21 apartments built on the outskirts of Omagh.

Tom Buchanan was speaking as diggers and excavators began work in recent weeks at the site adjacent to the new Strathroy Link Road.

The ambitious development from Farnham Properties Ltd will see the construction of a residential development with associated site works, landscaping, fuel water treatment plant, foul water pumping station, and will consist of 22 detached, 78 semi-detached, eight town houses and 21 apartments.

Commenting on the plans, the MLA said: "This planning application has been in the pipeline for just four years since it was first submitted to the Planning Authority in 2019 and it is to be

welcomed that after four years of deliberations by the Planning Authority works have now commenced to have it developed."

This development, with its associated works, will provide a range of various housing types which will help to address the ever-growing housing need in the Omagh area. "Alongside this is the wealth of employment and commerce it will bring to the area and the benefits it will provide for our local construction businesses and suppliers while improving the housing stock."

"In welcoming this positive development it bodes well for why it took planning officials four years to bring the application to approval which is of extreme benefit to this area."

"Does this explain why there are so many derelict sites in and around the Omagh area which could have been developed by now but have become an eyesore in our County town?"

Mullaghlougher Wind Farm - PUBLIC EXHIBITIONS AND CONSULTATION

res

RES is consulting on plans for a wind farm on land in the townlands of Carrickcayne, Legnahapoge, Glegarrow, Stronback and Doorat, County Londonderry, approximately 4km northeast of Plumbridge.

We are keen to engage with the local community and as part of our pre-application consultation we are holding public exhibitions in the local area to share more information about the project and to enable you to provide us with your feedback. RES staff will be on hand to answer any questions or queries, and comment forms will be available to gather feedback.

We will also be launching an online public exhibition on Thursday 7th September and it will be hosted at www.mullaghlougher-windfarm.co.uk.

RES will be offering individual telephone or video call appointments between 10am - 2pm and 4pm - 6pm, on the day for anyone wishing to discuss the proposal further or ask specific questions. Appointments should be booked in advance.

To book an appointment, for further information or to submit comments please contact Eileen Cross at elien.cross@res-group.com or by calling 07825 807297.

Tuesday 5th September
4pm - 8pm
Daughabrack Community Hall
251 Linaghy Road, Donaghadee,
BT22 0SD

Wednesday 6th September
4pm - 8pm
Diamond Public House
15 Main Street, Glencappagh,
Plumbridge, BT79 8AA

Please note that comments submitted to RES at this time are not representations to the determining authority (Strategic Planning Directorate) for infrastructure. There will be an opportunity to submit representations to the determining authority should an application be made.

The public and online exhibitions initiate a consultation period being run by RES to gather comments on the proposal. Please provide feedback on the preliminary design by Friday 23rd September 2023 at 5pm.

Comments will still be accepted after this date but may not be considered in relation to the design development. Comments on the proposal should be provided in writing by filling out a comment form at the public exhibitions.

Comment forms will also be available at www.mullaghlougher-windfarm.co.uk from 7th September 2023 which can be submitted by email to carrey.green@res-group.com or by post to:

RES, County Antrim, Willow Bank Business Park, Willowbank Rd, Hillbrook, Larne BT40 25T.

C. Pre-Exhibition Mailing – 25 August 2023

MULLAGHCLOGHER WIND FARM

SEPTEMBER 2023



RES is exploring the potential for a wind farm on land in the townlands of Carrickayne, Legnahappoge, Glengarrow, Stroanback and Doorat, County Londonderry, approximately 4km northeast of Plumbridge.

Initial environmental and technical surveys have been undertaken to ensure the site is suitable for wind farm development, and to inform a preliminary layout and design.

RES is now at the stage of consulting with the local community to get feedback on our early stage proposal. The feedback will be taken into consideration, along with the results of site surveys and assessments, as we refine the design.

Public exhibitions

We are keen to engage with the local community and as part of our pre-application consultation we are holding public exhibitions in the local area to share more information about the project and to enable you to provide us with your feedback. RES staff will be on hand to answer any questions or queries, and comment forms will be available to gather feedback.

We will also be launching an Online Public Exhibition on Thursday 7th September. The online event will be hosted at www.mullaghclogher-windfarm.co.uk.

RES will be offering individual telephone or video call appointments between 10am - 2pm and 4pm - 8pm, on the day, for anyone wishing to discuss the proposal further or ask specific questions. Appointments should be booked in advance.

To book an appointment, for further information or to submit comments on the proposal please contact Ellen Cross at ellen.cross@res-group.com or by calling 07825 807297.



Tuesday 5th September

4pm to 8pm

Aughabrack Community Hall
253 Lisnaragh Road, Donemana, BT82 0SD

Wednesday 6th September

4pm to 8pm

Diamond Public House, 15 Main Street,
Glencoppogagh, Plumbridge, BT79 8AA

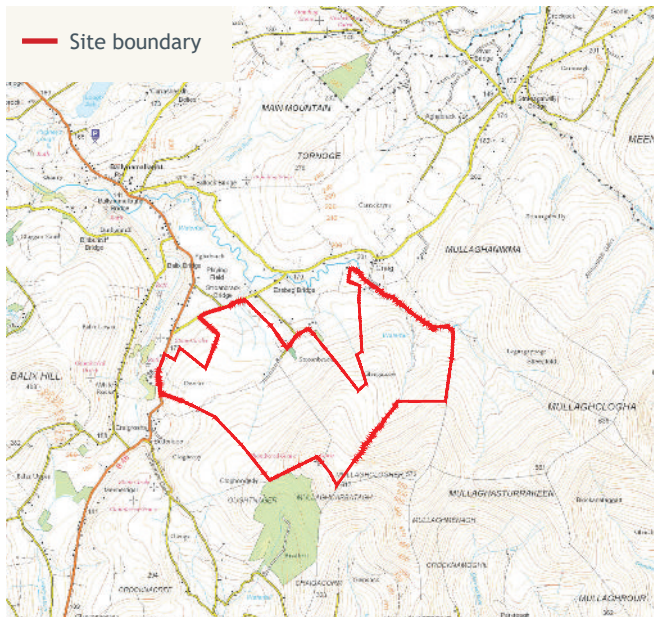
The public and online exhibitions initiate a consultation period being run by RES to gather comments on the proposal.

Please provide feedback on the preliminary design by Friday 22nd September 2023 at 5pm.

Comments will still be accepted after this date but may not be considered in relation to the design development. Comments on the proposal should be provided in writing by filling out a comment form at the public exhibitions. Comment forms will also be available at www.mullaghclogher-windfarm.co.uk from 7th September 2023 which can be submitted by email to carey.green@res-group.com or by post to RES, County Antrim, Willow Bank Business Park, Willowbank Rd, Milbrook, Larne BT40 2SF.

Please note that comments submitted to RES at this time are not representations to the determining authority (Strategic Planning Directorate Department for Infrastructure). There will be an opportunity to submit representations to the determining authority should an application be made.

Mullaghclogher Wind Farm at a glance



The proposed Mullaghclogher Wind Farm is situated in the townlands of Carrickayne, Legnahappoge, Glengarrow, Stroanback and Doorat, County Londonderry, approximately 4km northeast of Plumbridge.

Based on our initial studies, the wind farm would comprise of 12 turbines capable of generating up to 72MW, enough to power around 86,000¹ homes with clean, low-cost electricity.

Onshore wind projects like Mullaghclogher contribute to Net Zero carbon emission targets, enable more energy to be generated domestically improving security of supply, and are the cheapest form of new electricity generation², alongside solar and offshore wind. This makes developments like Mullaghclogher not just good for the environment but also for the consumer.

RES in Northern Ireland

RES is one of the world's largest independent renewable energy project developers with operations across Europe, the Americas and Asia-Pacific. At the forefront of renewable energy development for over 40 years, RES has developed and/or built more than 23GW of renewable energy capacity worldwide.

RES has been building wind farms across the island of Ireland since the early 1990s and from our office in Larne, Co. Antrim we have a team of over 20 working across a range of disciplines. In Northern Ireland, RES has developed and/or built thirty one wind farms equating to over 500MW.

RES has a proven track record of using local contractors to maximise inward investment as demonstrated at the Craiggore Wind Farm, near Limavady, constructed in 2022 where 16 NI based contractors were used during the construction phase. Mullaghclogher Wind Farm could deliver £3.3 million into the local economy in the form of jobs, employment and use of local services.

Contact us



Ellen Cross

Development Project Manager

✉ ellen.cross@res-group.com

☎ 07825 807 297



Carey Green

Community Relations Manager

✉ carey.green@res-group.com

☎ 01872 226 931

📍 RES, Willowbank Business Park, Millbrook, Larne, County Antrim, BT40 2SF

If you require information in Braille, large text or audio, please get in touch with us.

¹ The homes figure has been calculated by taking the predicted annual electricity generation of the site (based on RES assessments Mullaghclogher has a predicted capacity factor of 48.2%) and dividing this by the annual average electricity figures from the Department of Business, Energy and Industrial Strategy (BEIS) showing that the annual UK average domestic household consumption is 3,509 kWh (Dec 2022).

² https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/911817/electricity-generation-cost-report-2020.pdf

D. List of Community Groups within 7.5km – 25 August 2023

| Address Line 1 | Address Line 2 | Address Line 3 | Address Line 4 | Postcode |
|--|------------------------|--------------------------|----------------|----------|
| St Josephs Church | Slievebouy Road | Claudy | Londonderry | BT47 4AS |
| Parochial House | 69 Slievebouy Road | Claudy | Londonderry | BT47 4AS |
| Learmount Parish Church | Learmount Road | Park | Londonderry | BT47 4BA |
| Learmount Community Centre | 192 Learmount Road | Park | Londonderry | BT47 4BA |
| Park Playschool | 201A Learmount Road | Park | Londonderry | BT47 4BA |
| St. Joseph'S G.A.C. | Glenrandel Road | Claudy | Londonderry | BT47 4JH |
| St. Peters Primary School | Lisnaragh Road | Plumbridge | Omagh | BT79 8AF |
| Eden Presbyterian Church | Bradkeel Road | Plumbridge | Omagh | BT79 8BJ |
| Plumbridge Church | Dergbrough Road | Plumbridge | Omagh | BT79 8EF |
| Parochial House | 20 Dergbrough Road | Plumbridge | Omagh | BT79 8EF |
| Jack And Jill Playgroup | Dergbrough Road | Plumbridge | Omagh | BT79 8JX |
| St. Brigids Primary School | 223 Glenelly Road | Gortin | Omagh | BT79 8LR |
| St Patricks Church | Glenelly Road | Gortin | Omagh | BT79 8LR |
| Lougash Primary School | 53 Aghafad Road | Dunamanagh | Strabane | BT82 0QG |
| St. Patricks Primary School | Lisnaragh Road | Dunamanagh | Strabane | BT82 0QN |
| St Patricks Church | Lisnaragh Road | Dunamanagh | Strabane | BT82 0QN |
| Altishane Primary School | 139 Dunnyboe Road | Dunamanagh | Strabane | BT82 0RE |
| St Mary'S RC Church | Lisnaragh Road | Dunamanagh | Strabane | BT82 0SD |
| Sperrins Gateway Landscape Partnership | 20 High Street | Moneymore | Magherafelt | BT45 7AA |
| Sperrins Tourism Ltd. Group | The Manor House | 30 High Street | Moneymore | BT45 7PD |
| OM Dark Sky Park and Observatory | 155 Davagh Road | | Omagh | BT79 8JQ |
| Ulster Hang Gliding and Paragliding Club | 24 Upper Road | Carrickfergus | Co Antrim | BT38 8RL |
| The Honourable The Irish Society | 54 Castleroe Road | | Coleraine | BT51 3RL |
| Mountaineering Ireland Irish Sport HQ | National Sports Campus | Park Blanchardstown | Dublin 15 | |
| National Association for Areas of Outstanding Natural Beauty | Belmont House | Shrewsbury Business Park | Shrewsbury | SY2 6LG |
| Ulster Wildlife Trust | McClelland House | 10 Heron Road | Belfast | BT3 9LE |

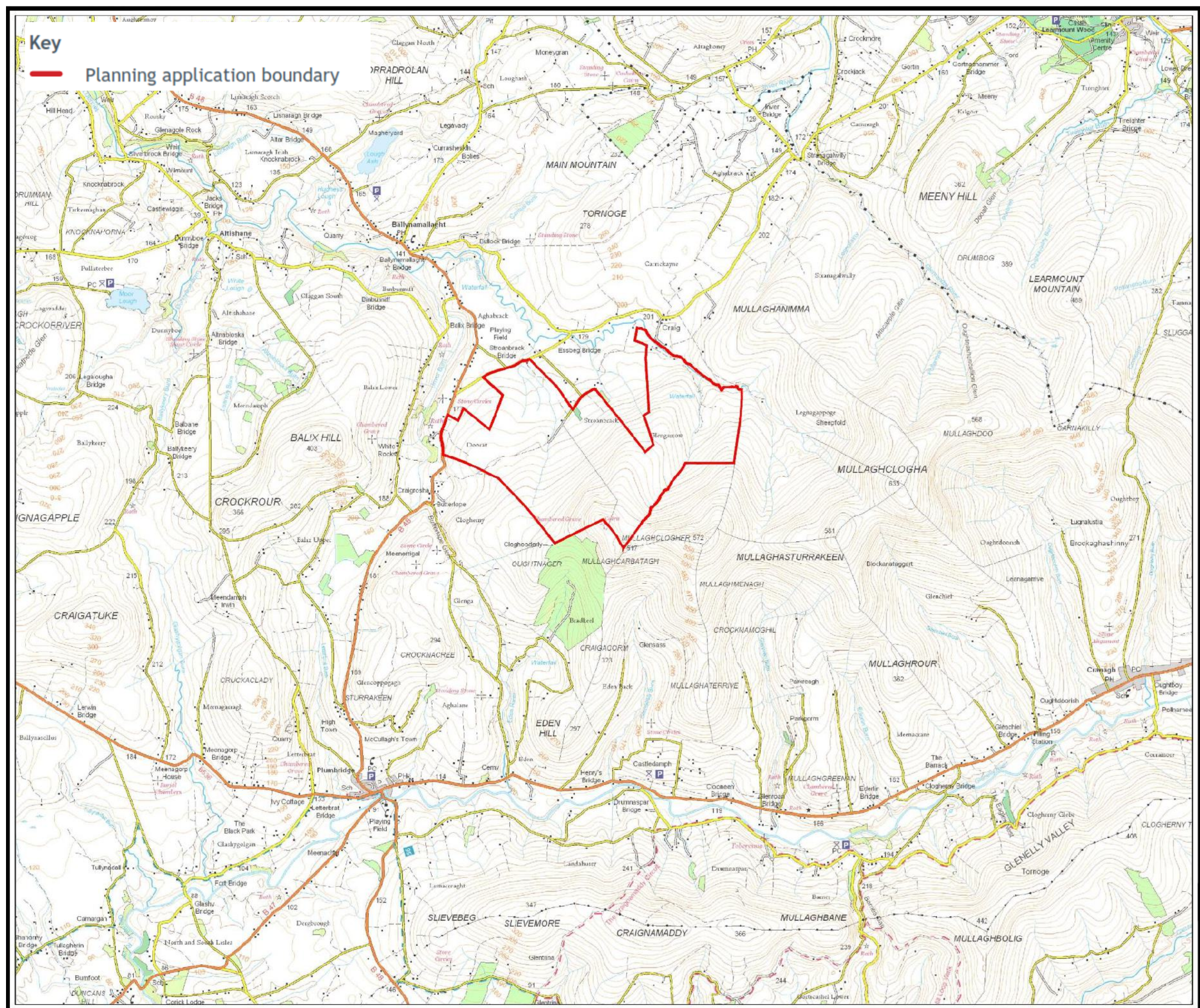
E. Public Exhibition Information Boards – 5 & 6 September 2023

About the Project

RES is currently consulting on its plans for a proposed wind farm called Mullaghclogher located in the townlands of Carrickayne, Legnahappoge, Glengarrow, Stroanback and Doorat, County Londonderry. The site is located approximately 4km northeast of Plumbridge.

Mullaghclogher Wind Farm has been designed to generate reliable, renewable electricity, whilst minimising local impacts and maximising local benefits wherever possible.

The wind farm would be capable of generating around 72 megawatts (MW) of clean, green, low-cost renewable electricity. Equivalent to the electricity usage of around 86,000¹ homes each year.



¹ The homes figure has been calculated by taking the predicted annual electricity generation of the site (based on RES assessments Mullaghclogher has a predicted capacity factor of 48.2%) and dividing this by the annual average electricity figures from the Department of Business, Energy and Industrial Strategy (BEIS) showing that the annual UK average domestic household consumption is 3,509 kWh (Dec 2022).

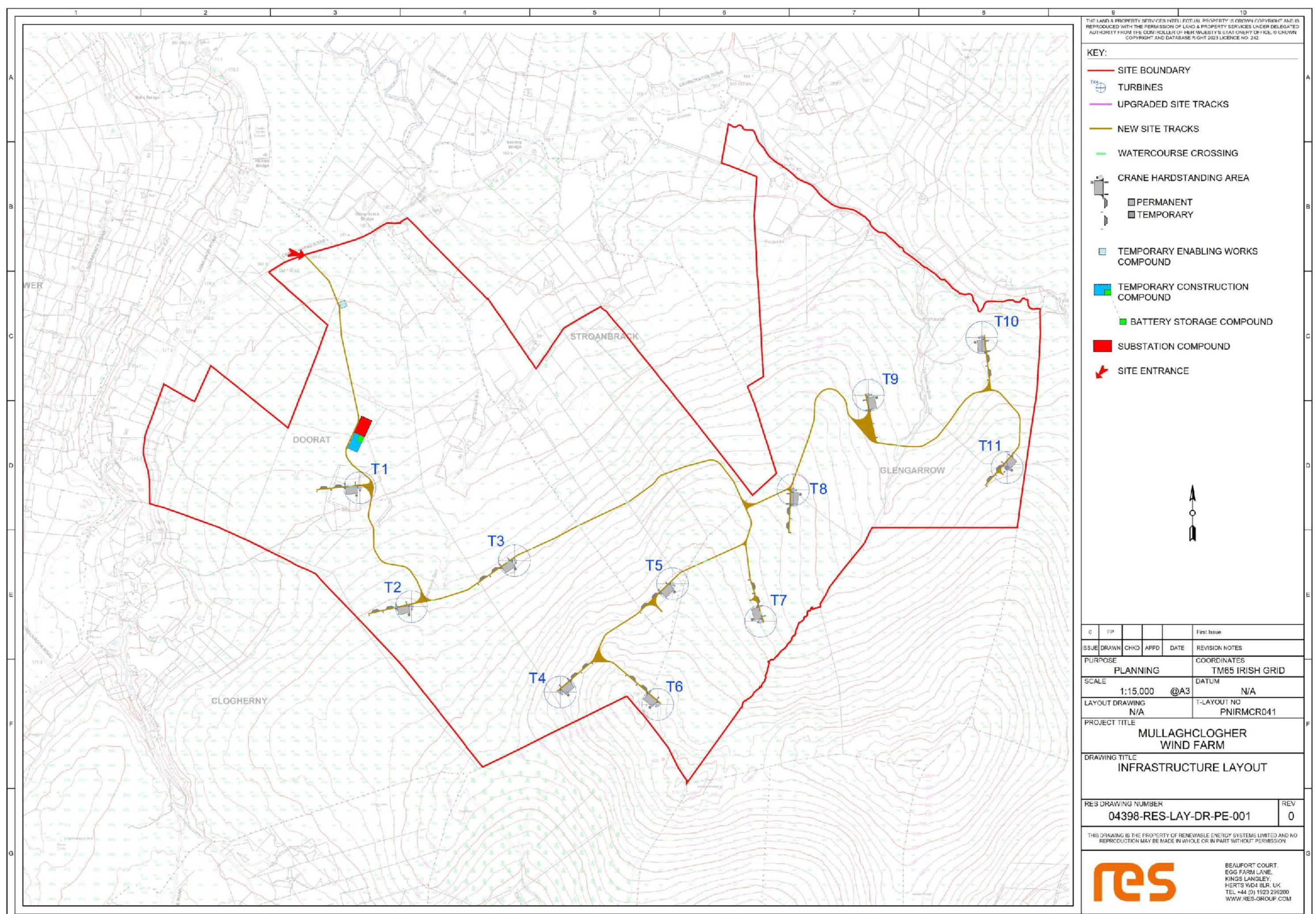
Design Layout and Infrastructure

The wind farm proposal is for up to 12 turbines up to 180m in height.

The preliminary layout has been developed in response to the results of initial environmental surveys that have been undertaken at the site so far. The surveys help us to build up a picture of sensitive features on and around the site, which we then take account of in the design of the layout.

In addition to high-level necessities such as good wind-speeds, we have considered a number of site-specific features and buffers. These include turbines being located a minimum of 1km from nearest properties, 50m from major watercourses and 10m from minor watercourses as well as avoiding areas of ecological interest and prominent hilltops.

RES is currently consulting on this layout and as such it is subject to change.



As part of the planning process, RES is required to undertake an Environmental Impact Assessment (EIA). The purpose of an EIA is to investigate and alleviate any potential effects of a development on the natural, physical and human environment.

EIA includes the following assessments*:

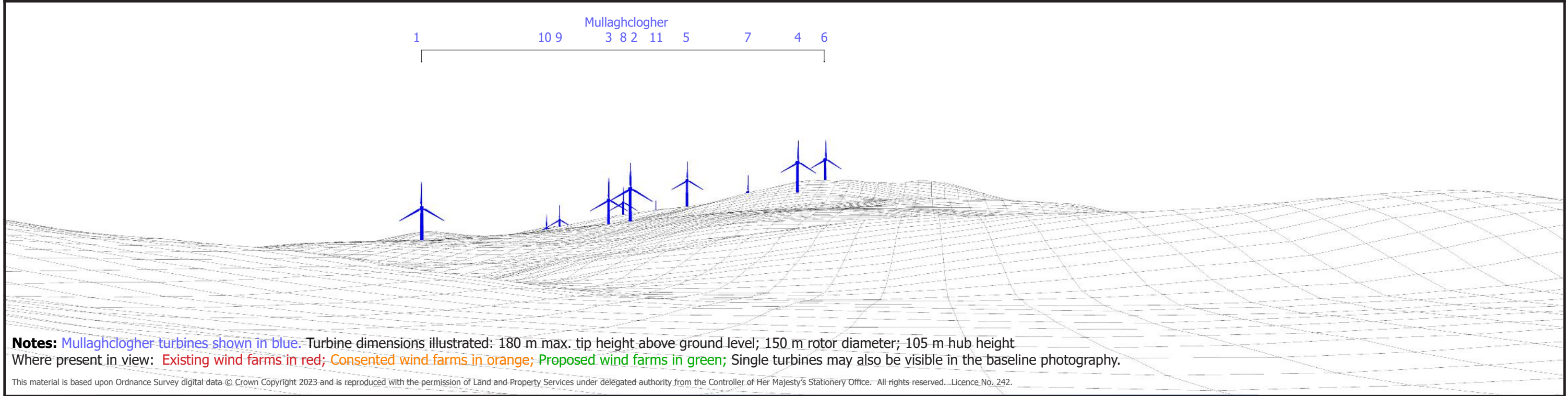
- » Ecology
- » Ornithology
- » Fisheries
- » Hydrology
- » Geotechnical
- » Landscape and visual
- » Archaeology and cultural heritage
- » Socioeconomic

The results of these surveys will be included in the Environmental Statement which will form part of any planning application that is submitted.

*For further detail of the environmental studies carried out to date please speak to one of our staff members who will talk you through our design process.



Photo: Badger / Shutterstock image (for illustrative purposes only)



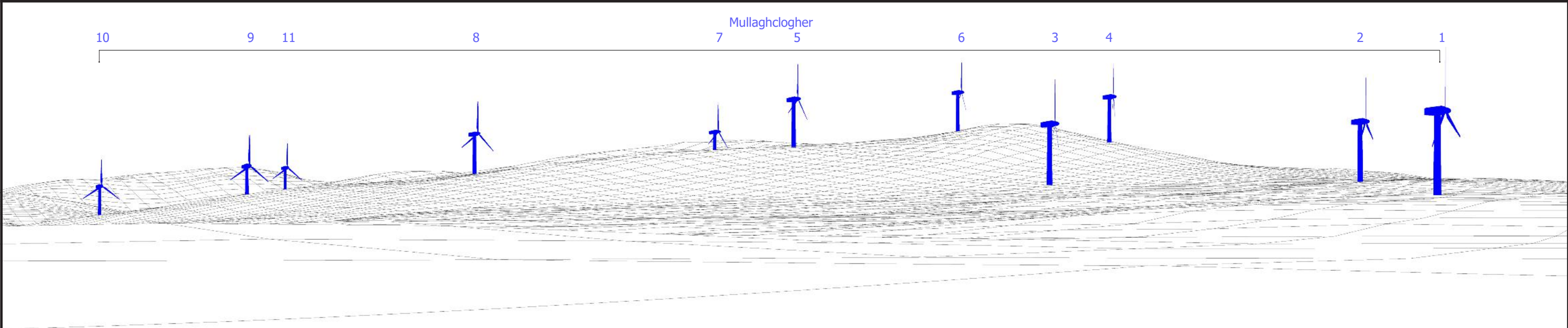
| | | | | | | | |
|--|--|--|--|----------------------------------|--|--|--|
| <div>Shanti McAllister</div> <div>landscape planning and design ltd.</div> | | | | MULLAGHCLOGHER WIND FARM | | | |
| PUBLIC EXHIBITION | | | | Figure 4.10 | | | |
| | | | | VIEWPOINT 1 | | | |
| Balix Upper to west of site | | | | wireline and photomontage | | | |
| NOTE: This Figure must be viewed at a comfortable arms length and in conjunction with the analysis of landscape and visual effects contained in Chapter 4 of the Environmental Statement and the detailed methodology for the preparation of visualisations contained in Technical Appendix 4.2, in particular the paragraphs referencing Scottish Natural Heritage Guidance regarding the limitations of visualisations. | | | | | | | |

| | | | |
|-------------------|------------|-------------|-----------|
| DRAWN / APPROVED: | DATE: | PRINT SIZE: | REVISION: |
| SMc / EC | Sept. 2023 | A3 | A |

| | |
|--------------------|--|
| TURBINE LAYOUT NO: | |
| PNIRMC041 | |

| | |
|--|--|
| THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION | |
|--|--|

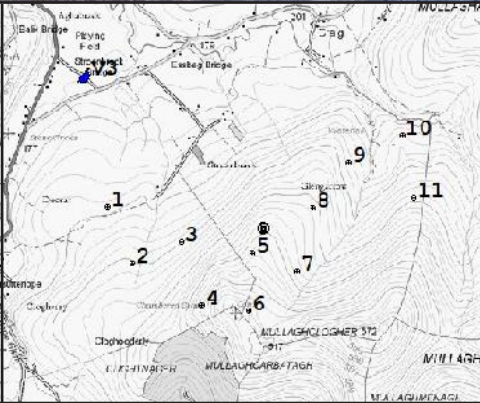

| | |
|--------------------------------------|---------------|
| Easting: | 247466 |
| Northing: | 394765 |
| Elevation A.O.D | 210 m |
| Bearing: | 74.32 ° |
| Approx. Included Angle: | 80 ° |
| Approx. distance to nearest turbine: | 3.10 km to T1 |

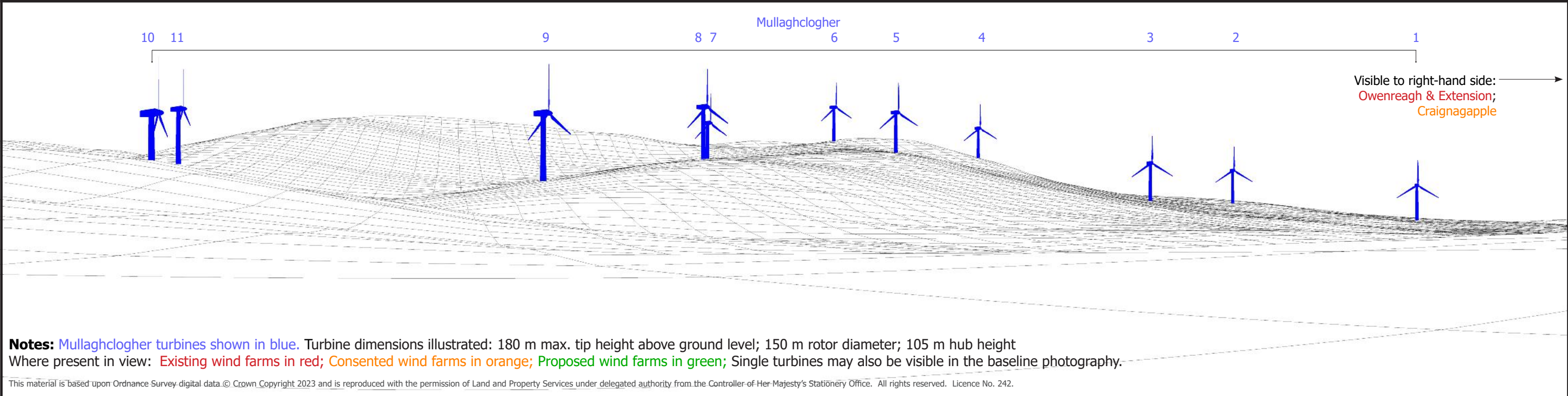


Notes: Mullaghclogher turbines shown in blue. Turbine dimensions illustrated: 180 m max. tip height above ground level; 150 m rotor diameter; 105 m hub height
Where present in view: Existing wind farms in red; Consented wind farms in orange; Proposed wind farms in green; Single turbines may also be visible in the baseline photography.

This material is based upon Ordnance Survey digital data © Crown Copyright 2023 and is reproduced with the permission of Land and Property Services under delegated authority from the Controller of Her Majesty's Stationery Office. All rights reserved. Licence No. 242.



| | | | | | | | | | | |
|--|--|--|--|--|-------------------|---|--|---|---|--|
| <div>Shanti McAllister</div> <div>landscape planning and design ltd.</div> | | | | MULLAGHCLOGHER WIND FARM | | Easting: 249980 Northing: 397492 Elevation A.O.D 175 m Bearing: 130.07 ° Approx. Included Angle: 80 ° Approx. distance to nearest turbine: 1.32 km to T1 | |  |  | |
| PUBLIC EXHIBITION | | | | Figure 4.12 | | | | | | |
| VIEWPOINT 3 | | | | Stroanbrack Road near B48 and Aghanbrack GAA | | wireline and photomontage | | | | |
| DRAWN / APPROVED: SMc / EC | | | | DATE: Sept. 2023 | PRINT SIZE: A3 | REVISION: A | | | | |
| TURBINE LAYOUT NO: PNIRMC041 | | | | | | | | | | |
| THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION | | | | NOTE: This Figure must be viewed at a comfortable arms length and in conjunction with the analysis of landscape and visual effects contained in Chapter 4 of the Environmental Statement and the detailed methodology for the preparation of visualisations contained in Technical Appendix 4.2, in particular the paragraphs referencing Scottish Natural Heritage Guidance regarding the limitations of visualisations. | | | | | | |



| | | | | | | | | | |
|--|--|--|--|---------------------------------|--|--|--|--|--|
| <div>Shanti McAllister</div> <div>landscape planning and design ltd.</div> | | | | MULLAGHCLOGHER WIND FARM | | Easting: 252765 Northing: 398312 Elevation A.O.D 208 m Bearing: 202.82 ° Approx. Included Angle: 80 ° Approx. distance to nearest turbine: 1.47 km to T12 | | | |
| Figure 4.13 | | | | | | | | | |
| VIEWPOINT 4 | | | | | | | | | |
| Craig to north of site | | | | | | | | | |
| wireline and photomontage | | | | | | | | | |
| NOTE: This Figure must be viewed at a comfortable arms length and in conjunction with the analysis of landscape and visual effects contained in Chapter 4 of the Environmental Statement and the detailed methodology for the preparation of visualisations contained in Technical Appendix 4.2, in particular the paragraphs referencing Scottish Natural Heritage Guidance regarding the limitations of visualisations. | | | | | | | | | |

DRAWN / APPROVED: SMc / EC

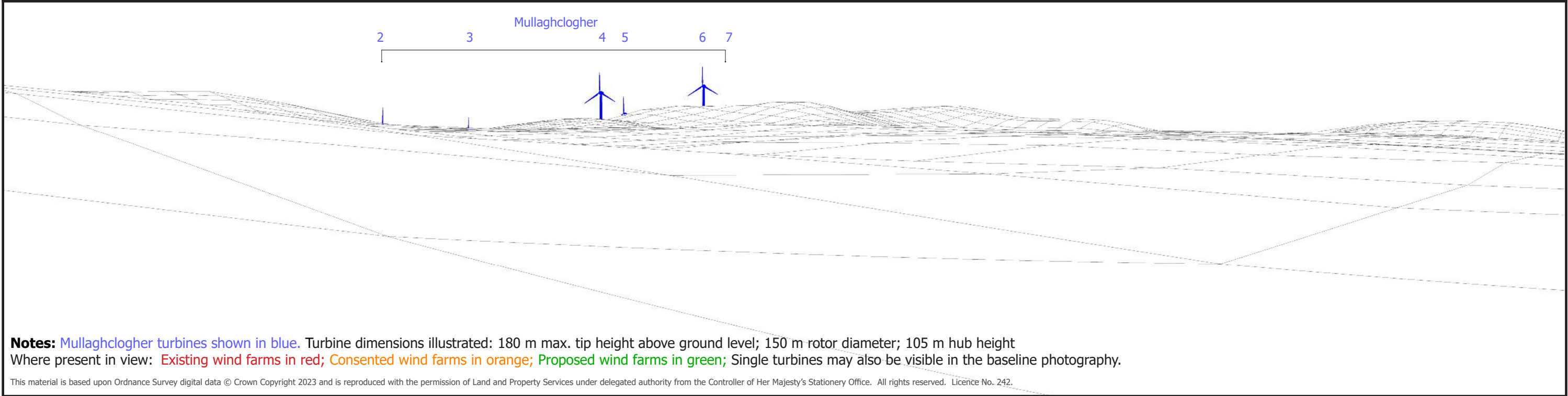
DATE: Sept. 2023

PRINT SIZE: A3

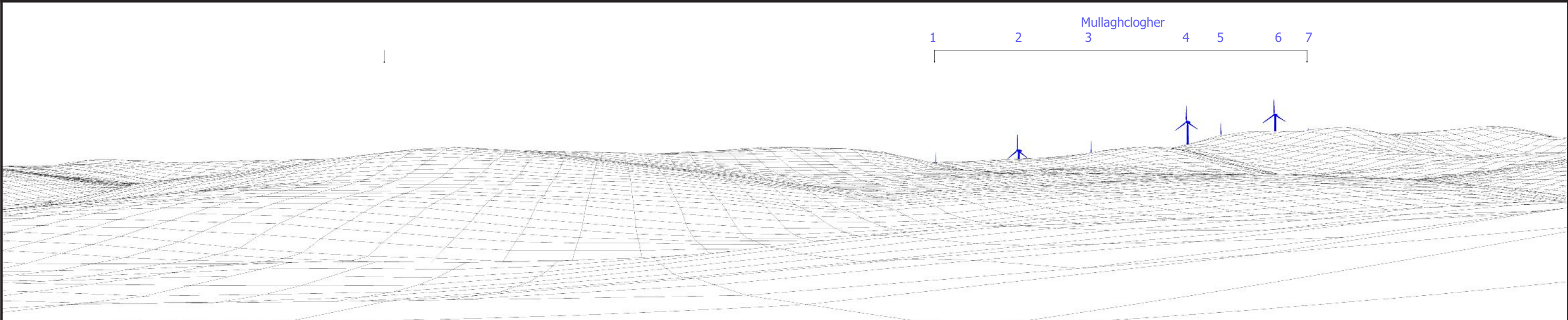
REVISION: A

TURBINE LAYOUT NO: PNIRMC041

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION



| | | | | | | | | | | | |
|---|--|--|--|----------------------------------|--|--|--|--|--|--|--|
| <div>Shanti McAllister</div> <div>landscape planning and design ltd.</div> | | | | MULLAGHCLOGHER WIND FARM | | Easting: 248789 Northing: 391926 Elevation A.O.D 139 m Bearing: 36.46 ° Approx. Included Angle: 80 ° Approx. distance to nearest turbine: 4.08 km to T2 | | | | | |
| PUBLIC EXHIBITION | | | | Figure 4.16 | | | | | | | |
| | | | | VIEWPOINT 7 | | | | | | | |
| | | | | Fairview Road, Plumbridge | | | | | | | |
| | | | | wireline and photomontage | | | | | | | |
| <div>DRAWN / APPROVED: SMc / EC</div> <div>DATE: Sept. 2023</div> <div>PRINT SIZE: A3</div> <div>REVISION: A</div> | | | | | | | | | | | |
| <div>TURBINE LAYOUT NO:</div> <div>PNIRMC041</div> | | | | | | | | | | | |
| <div>THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION</div> | | | | | | | | | | | |

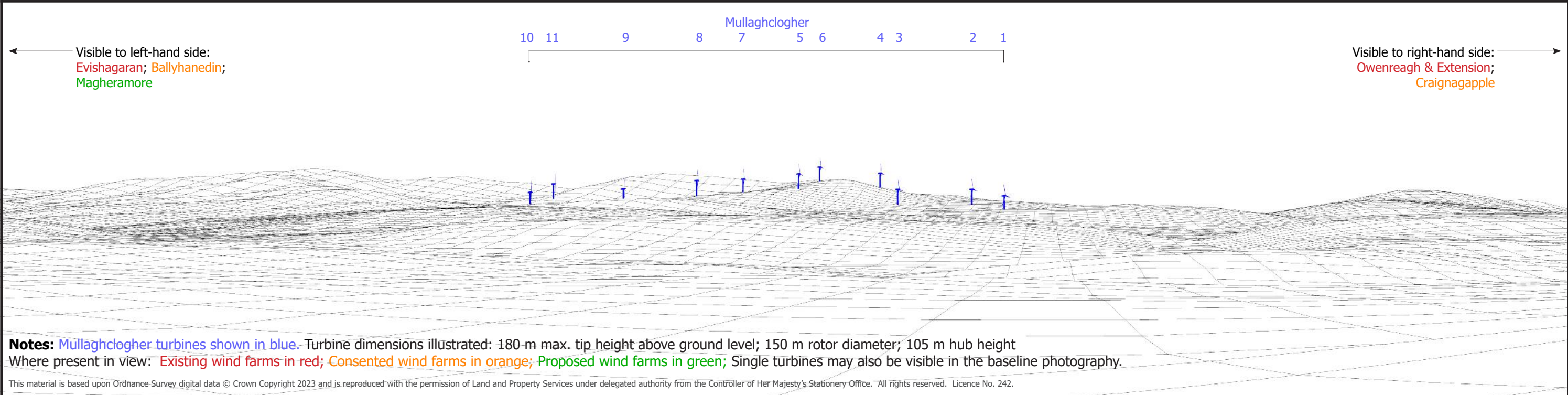


Notes: Mullaghclogher turbines shown in blue. Turbine dimensions illustrated: 180 m max. tip height above ground level; 150 m rotor diameter; 105 m hub height
Where present in view: Existing wind farms in red; Consented wind farms in orange; Proposed wind farms in green; Single turbines may also be visible in the baseline photography.

This material is based upon Ordnance Survey digital data © Crown Copyright 2023 and is reproduced with the permission of Land and Property Services under delegated authority from the Controller of Her Majesty's Stationery Office. All rights reserved. Licence No. 242.



| | | | | | | | | | | | |
|---|--|-----------------------------|--|--|--|---|--|--|--|--|--|
| <div>Shanti McAllister</div> <div>landscape planning and design ltd.</div> | | | | <div>MULLAGHCLOGHER WIND FARM</div> <div>Figure 4.17</div> <div>VIEWPOINT 8</div> <div>Slievebeg Road near B48 to south of Plumbridge</div> <div>wireline and photomontage</div> | | <div>Easting: 248582</div> <div>Northings: 390595</div> <div>Elevation A.O.D: 129 m</div> <div>Bearing: 30.74 °</div> <div>Approx. Included Angle: 80 °</div> <div>Approx. distance to nearest turbine: 5.30 km to T4</div> | | | | | |
| <div>PUBLIC EXHIBITION</div> | | | | | | | | | | | |
| <div>DRAWN / APPROVED: SMc / EC</div> | | <div>DATE: Sept. 2023</div> | | <div>PRINT SIZE: A3</div> | | <div>REVISION: A</div> | | | | | |
| <div>TURBINE LAYOUT NO: PNIRMC041</div> | | | | | | | | | | | |
| <div>THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION</div> | | | | | | | | | | | |



| | | | | | | | |
|---|--|--|--|---|--|--|--|
| <div>Shanti McAllister</div> <div>landscape planning and design ltd.</div> | | MULLAGHCLOGHER WIND FARM | | <div>Easting: 249971</div> <div>Northing: 403392</div> <div>Elevation A.O.D: 183 m</div> <div>Bearing: 166.27 °</div> <div>Approx. Included Angle: 80 °</div> <div>Approx. distance to nearest turbine: 7.20 km to T1</div> | | | |
| PUBLIC EXHIBITION | | Figure 4.25 | | | | | |
| | | VIEWPOINT 16 | | | | | |
| | | South-facing side of Eglish Hill | | | | | |
| | | wireline and photomontage | | | | | |
| <div>DRAWN / APPROVED: SMc / EC</div> <div>DATE: Sept. 2023</div> <div>PRINT SIZE: A3</div> <div>REVISION: A</div> | | <div>TURBINE LAYOUT NO: PNIRMC041</div> | | <p>NOTE: This Figure must be viewed at a comfortable arms length and in conjunction with the analysis of landscape and visual effects contained in Chapter 4 of the Environmental Statement and the detailed methodology for the preparation of visualisations contained in Technical Appendix 4.2, in particular the paragraphs referencing Scottish Natural Heritage Guidance regarding the limitations of visualisations.</p> | | | |
| <div>THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION</div> | | | | | | | |



MULLAGHCLOGHER WIND FARM

Drawing 1

The LVIA Study Area

KEY

- Mullaghclogher proposed turbines
 - Viewpoints presented at Public Exhibition
 - Other Viewpoints and Provisional Viewpoints being considered as part of LVIA
- Zone of Theoretical Visibility of:
- 1 - 2 turbines across 11.58 % of Study Area
 - 3 - 5 turbines across 7.37 % of Study Area
 - 6 - 8 turbines across 8.58 % of Study Area
 - 9 - 11 turbines across 11.35 % of Study Area
- Total area with theoretical visibility of at least 1 blade tip: 38.88 %
Areas with no visibility: 61.12 %
- Area of Outstanding Natural Beauty

Shanti McAllister
landscape planning
and design ltd.

PUBLIC EXHIBITION

| | | | |
|---------------------------------|--------------------|---------------------------------------|----------------|
| DRAWN / APPROVED: SMc / EC | DATE: Sept 2023 | SCALE & PRINT SIZE: 1:250,000 @ A3 | REVISION: A |
| TURBINE LAYOUT NO: PNIRMC041 | | 0 5 10km | |

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

NOTES:

Turbine dimensions illustrated for Mullaghclogher: 180 m max. tip height above ground level; 150 m rotor diameter; 105 m hub height
This Figure must be viewed in conjunction with the analysis of landscape and visual effects contained in Chapter 4 of the Environmental Statement and the detailed methodology for the preparation of visualisations contained in Technical Appendix 4.2.

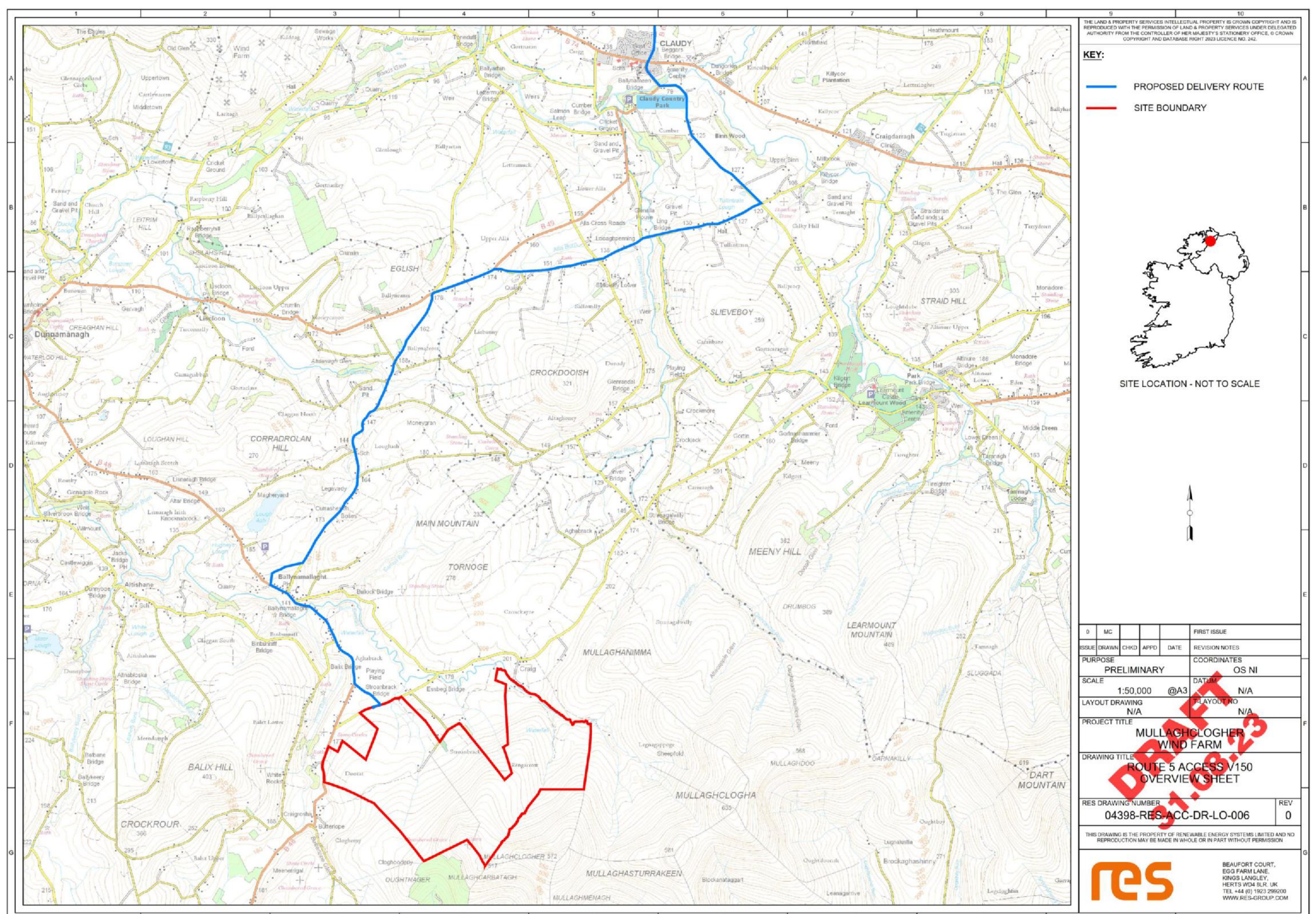
Traffic and Access

Access is one of the key considerations when selecting a potential wind farm site, particularly with regard to the turbine deliveries.

The preferred access point and turbine delivery route are shown on the map below.

A transport assessment will be undertaken as part of the Environmental Impact Assessment (EIA) process and, if the wind farm is given consent, a detailed Traffic Management Plan will be agreed with Department for Infrastructure (DfI) Roads, the emergency services, the local community and other relevant bodies.

Wherever reasonably practicable we will use materials available on site and source construction materials locally in order to help reduce traffic movements.



The best way to get an understanding of how a wind farm sounds is to visit one. Please let us know if you would be interested in a visit or if you would like to discuss the noise assessment in more detail.

Wind farm noise is, comparatively, generally low.

| Source / Activity | Indicative noise level dB (A) |
|------------------------------|-------------------------------|
| Threshold of hearing | 0 |
| Rural night-time background | 20-40 |
| Quiet bedroom | 35 |
| Wind farm at 350 metres | 35-45 |
| Car at 40mph at 100 metres | 55 |
| Busy general office | 60 |
| Truck at 30mph at 100 metres | 65 |
| Pneumatic drill at 7 metres | 95 |
| Jet aircraft at 250 metres | 105 |
| Threshold of pain | 140 |

PPS22 ("Planning for Renewable Energy - A Companion Guide to PPS22", Office of the Deputy Prime Minister, August 2004)



Gruig Wind Farm, County Antrim, Northern Ireland | Photo: RES / For illustrative purposes only

www.res-group.com

Supply Chain Opportunities

RES has a strong track-record of working closely with the local supply chain around its projects and maximising inward investment opportunities wherever possible.

Mullaghclogher Wind Farm has the potential to deliver approximately £3.3 million to the local area in the form of jobs, employment, and the use of local services.

RES is keen to hear from local businesses who are interested in learning more about the opportunities associated with the construction and operation of this project.

During the construction of Castlecraig Wind Farm, near Drumquin, over £3 million inward investment was realised into the local economy. The wind farm construction also provided employment for around 50 local people.

The construction of Altaveeden Wind Farm, near Loughguile was an economic success for local area, with £1.3 million invested directly into Co. Antrim with £772,000 of this spent within 5 miles of the site. A number of local contractors were used including P. Keenan and Sons, F.P. McCann and William and Henry Alexander (Civil Engineering) Limited



Turbine deliveries at Castlecraig Wind Farm, near Drumquin, where £3 million inward investment was realised into the local economy

Why Wind?



Wind is a free and inexhaustible resource which has an important role to play as part of a balanced energy mix.



Can be quick to deploy.



Enables us to generate our own electricity reducing reliance on imports and improving security of supply.



Tackling Climate Change by supporting Northern Ireland's Climate Bill, which has a target of 80% of electricity consumption from renewable sources by 2030.



Onshore wind, alongside large scale solar and offshore wind are now the cheapest forms of new electricity generation¹.



Northern Ireland consumers avoided paying £500 million to import gas last year because wind farms provided nearly 42% of our electricity².



Bunnyconnellen Wind Farm, Co. Mayo. For illustrative purposes only

¹ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/911817/electricity-generation-cost-report-2020.pdf
² <https://renewableni.com/wind-saves-ni-500m-in-2022/>

Renewables

Good for Northern Ireland's
environment, economy & consumers

RES has been playing a pivotal role in providing Northern Ireland with renewable energy since the early 1990s. Working together with businesses based in Northern Ireland our projects contribute to the local economy and utilise our home-grown energy sources.

With the urgent need to escalate decarbonisation, RES remains committed to being part of Northern Ireland's energy future and business growth, through maximising contributions from renewable energy.



WIND



SOLAR



STORAGE

www.res-group.com

For more information

028 2844 0580 | info@res-group.com

res
power for good

F. Comment Form – 5 & 6 September 2023

RES believes in meaningful and productive consultation, and we aim to engage early with the local community and key stakeholders in order to facilitate constructive consultation. This helps to identify issues and concerns, as well as benefits and opportunities, which we can then consider when developing the design of the proposal.

Feedback from the local community is an important part of our pre-application consultation and we would be grateful if you could take the time to fill out this comments form with your feedback. The closing date for comments is **22nd September 2023 at 5pm**. Comments will still be accepted after this date but may not be considered in relation to the design development.

Please note that comments submitted to RES at this time are not representations to the determining authority (Strategic Planning Directorate Department for Infrastructure). There will be an opportunity to submit representations to the determining authority when the application is made.

1 Mullaghclogher Wind Farm public exhibition

1.1 How did you find out about our public exhibition?

- ☐ Newsletter through the door
- ☐ Advert in local newspaper
- ☐ Project website - www.mullaghclogher-windfarm.co.uk
- ☐ Word of mouth
- ☐ Other (please specify)

1.2 Before visiting the exhibition how would you describe your knowledge of the proposed Mullaghclogher Wind Farm?

- ☐ Knew a lot
- ☐ Knew quite a lot
- ☐ Knew a little
- ☐ Knew very little
- ☐ Knew nothing at all

1.3 Having visited the exhibition, to what extent do you feel you have increased your understanding about the proposed Mullaghclogher Wind Farm?

- ☐ A lot
- ☐ Quite a lot
- ☐ A little
- ☐ Very little
- ☐ Nothing at all

1.4 Do you have any suggestions for ways in which we could have improved our exhibition?

2 Mullaghclogher Wind Farm Proposal

Your views on the Mullaghclogher Wind Farm proposal - specifically the layout of the project where people's comments can have a direct influence - will be considered in relation to the design development of the project.

2.1 What do you think about the proposed design layout of Mullaghclogher Wind Farm?

- ☐ I am happy with the proposed layout
- ☐ I am neutral towards the proposed layout
- ☐ I have concerns about the proposed layout
- ☐ I don't like wind farms in general

Further comments:

2.2 Please provide us with any further suggestions or comments regarding the proposed Mullaghclogher Wind Farm

3 Local benefits

- 3.1 We firmly believe that wind farms should provide benefits locally and we are inviting feedback from the local communities on their priority projects and aims in the area, which we may be able to support. If you have any suggestions, please let us know in the box below.

4 Climate change, energy security and renewables

The below section is optional and designed to help us understand people's thoughts on how renewables can help to tackle climate change and improve energy security.

- 4.1 Do you agree that we are facing a global climate change emergency?

- ☐ I strongly agree
- ☐ I agree
- ☐ I don't know
- ☐ I disagree
- ☐ I strongly disagree

Further comments:

- 4.2 Do you agree that generating electricity from renewable sources, and reducing our reliance on fossil fuels, can help towards tackling the issue of climate change?

- ☐ I strongly agree
- ☐ I agree
- ☐ I don't know
- ☐ I disagree
- ☐ I strongly disagree

Further comments:

4.3 Do you agree that we need to develop onshore wind farms to support greater energy independence and security for Northern Ireland?

☐ I strongly agree

☐ I agree

☐ I don't know

☐ I disagree

☐ I strongly disagree

Further comments:

4.4 Do you agree that we need to develop onshore wind farms to cut energy bills?

☐ I strongly agree

☐ I agree

☐ I don't know

☐ I disagree

☐ I strongly disagree

Further comments:



Mullaghclogher Farm Proposal

Comments Form

5 Your details

Please provide your name and contact details below.

Your contact details will be treated by RES with the strictest of confidence, in line with the General Data Protection Regulations (GDPR) 2018. We may at times share your contact details, in confidence, with third parties who we employ to help process your comments or update you on the project and by providing your details below you consent to this. You may write to RES at any time to ask that your contact details be removed from our records and from any third parties we work with.

| | |
|---------|--|
| Name | |
| Email | |
| Address | |

If you would like to be kept up to date with the project, please tick this box

☐

When you have completed the comments form, please send by email to carey.green@res-group.com or by post to: Mullaghclogher Wind Farm Project Team, RES, Willowbank Business Park, Millbrook, Larne, County Antrim, BT40 2SF.

Thank you for taking the time to complete this comments form, your feedback is important to us.

G. Online Public Exhibition Screenshots – 7 September 2023

Online Public Exhibition

RES is now at the stage of consulting with the local community to get feedback on our early stage proposal. The feedback will be taken into consideration, along with the results of site surveys and assessments, as we refine the design.

As part of our pre-application consultation we recently held public exhibitions in the local area to share more information about the project and to enable you to provide us with your feedback.

This online public exhibition is designed for anyone who was unable to visit the public exhibitions. On this page you will find all the information about the proposal which was presented at the public exhibitions.

About the Project

RES is currently consulting on its plans for a proposed wind farm called Mullaghclogher, located in the townlands of Carriskeyne, Lagnahapoga, Glangarrow, Streambeck and Doonat, County Londonderry. The site is located approximately 4km northeast of Plumbridge.

Mullaghclogher wind farm has been designed to generate reliable renewable electricity, whilst minimising local impacts and maximising local benefits wherever possible.

The wind farm would be capable of generating around 72 megawatts (MW) of clean, green, low cost renewable electricity. Equivalent to the electricity usage of around 86,000 homes each year.



[Click on image to enlarge](#)

Design Layout and Infrastructure

The wind farm proposal is for up to 12 turbines up to 180m in height.

The preliminary layout has been developed in response to the results of initial environmental surveys that have been undertaken at the site so far. The surveys help us to build up a picture of sensitive features on and around the site, which we then take account of in the design of the layout.

In addition to high-level necessities such as good wind speeds, we have considered a number of site-specific features and buffers. These include turbines being located a minimum of 5km from nearest properties, 50m from major watercourses and 10m from minor watercourses as well as avoiding areas of ecological interest and prominent hilltops.

RES is currently consulting on this layout and as such it is subject to change.



[Click on image to enlarge](#)

Environmental Studies

As part of the planning process, RES undertakes an Environmental Impact Assessment (EIA). The purpose of the EIA is to investigate and alleviate any potential effects of a development on the natural physical and human environment. An EIA includes the following assessments:

- Ecology
- Ornithology
- Fisheries
- Hydrology
- Geotechnical
- Landscape and visual
- Archaeology and cultural heritage
- Socioeconomic

The results of these surveys will be included in the Environmental Statement, which will form part of any planning application that is submitted.



Photo: Badger / Shutterstock image (for illustrative purposes only)

What Would the Wind Farm Look Like?

We have produced indicative visualisations to help give an impression of what the wind farm could look like from different viewpoints in the area. Click on the links below to view.

[VIEWPOINT 1 - Balin Upper to west of site](#)

[VIEWPOINT 3 - Streambeck Road near D40 and Agherback LAA](#)

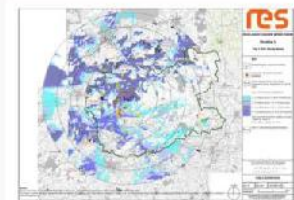
[VIEWPOINT 4 - Craig to north of site](#)

[VIEWPOINT 7 - Foreview Road, Plumbridge](#)

[VIEWPOINT 8 - Slieveag Road near D40 to south of Plumbridge](#)

[VIEWPOINT 16 - South-facing side of English Hill](#)

We have also produced an indicative Zone of Theoretical Visibility (ZTV) Map showing where the turbines could be visible from. Please note that this is based on bare land form without taking into account any screening effects of trees and buildings. Click on the image below to enlarge.



Traffic and Access

Access is one of the key considerations when selecting a potential wind farm site, particularly with regard to the turbine deliveries.

The preferred access point and turbine delivery route are shown on the map to the right.

A transport assessment will be undertaken as part of the Environmental Impact Assessment (EIA) process and, if the wind farm is given consent, a detailed Traffic Management Plan will be agreed with Department for Infrastructure (DfI) Roads, the emergency services, the local community and other relevant bodies.

Wherever reasonably practicable we will use materials available on site and source construction materials locally in order to help reduce traffic movements.



[Click on image to enlarge](#)

Noise

Wind farm noise in many circumstances may be inaudible or effectively 'masked' by the background noise already present in the surrounding environment. We take care to ensure noise levels from wind turbines are within recommended limits and comply with planning policy. For Mullaghclegher Wind Farm we are undertaking a noise impact assessment in accordance with relevant guidance and in consultation with the local council's Environmental Health Department.

The results from these surveys enables us to gain an understanding of the existing noise environment and feed into the design of the wind farm. As a result of the existing background noise levels and the distances from surrounding properties, the proposed wind farm will comply with the relevant guidance on wind farm noise.

HOW LOUD IS WIND FARM NOISE?

Wind farm noise is, comparatively, generally low.

| Source / Activity | Indicative noise level dB (A) |
|------------------------------|-------------------------------|
| Threshold of hearing | 0 |
| Rural night-time background | 20-40 |
| Quiet bedroom | 35 |
| Wind farm at 350 metres | 35-45 |
| Car at 40mph at 100 metres | 55 |
| Busy general office | 60 |
| Truck at 30mph at 100 metres | 65 |
| Pneumatic drill at 7 metres | 95 |
| Jet aircraft at 250 metres | 105 |
| Threshold of pain | 140 |

Supply Chain Opportunities

RES has a strong track record of working closely with the local supply chain around its projects and maximising inward investment opportunities wherever possible.

Mullaghclegher Wind Farm has the potential to deliver approximately £3.3 million to the local area in the form of jobs, employment, and the use of local services.

RES is keen to hear from local businesses who are interested in learning more about the opportunities associated with the construction and operation of this project.

During the construction of Castle Craig Wind Farm, near Drumquin, over £3 million inward investment was realised into the local economy. The wind farm construction also provided employment for around 50 local people.

The construction of Alawader Wind Farm, near Loughguile was an economic success for local area, with £3.3 million invested directly into Co. Antrim with 1772,000 of this spent within 5 miles of the site. A number of local contractors were used including P. Keenan and Sons, E.A. McCann and William and Henry Alexander (Civil Engineering) Limited.



Turbine deliveries at Castle Craig Wind Farm, near Drumquin, where £3 million inward investment was realised into the local economy.

Why Wind?

Wind is a free and inexhaustible resource which has an important role to play as part of a balanced energy mix.

Twining Climate Change by supporting Northern Ireland's Climate Bill, which has a target of 60% of electricity consumption from renewable sources by 2030.

Can be quick to deploy. Onshore wind, alongside large scale solar and offshore wind are now the cheapest forms of new electricity generation¹.

Enables us to generate our own electricity, reducing reliance on imports and improving security of supply.

Northern Ireland consumers avoided paying £500 million to import gas last year because wind farms provided nearly 42% of our electricity².



Seaview Renewable Wind Farm, Co. Mayo. For illustrative purposes only.

RES in Northern Ireland

RES has been playing a pivotal role in providing Northern Ireland with renewable energy since the early 1990s.

Working together with businesses based in Northern Ireland our projects contribute to the local economy and utilise our home-grown energy sources.

With the urgent need to accelerate decarbonisation, RES remains committed to being part of Northern Ireland's energy future and business growth, through maximising contributions from renewable energy.



Breckin's Wind Farm, Drogheda. For illustrative purposes only.

Commenting on the Proposal

The public and online exhibitions initiate a consultation period being run by RES to gather comments on the proposal. **Please provide feedback on the preliminary design by Friday 22nd September 2023 at 5pm.**

Comments will still be accepted after this date but may not be considered in relation to the design development. Comments on the proposal should be provided in writing. Please click [here](#) to download a comment form which can be submitted by email to carey.green@res-group.com or by post to RES, County Antrim, Willow Bank Business Park, Willowbank Rd, Millbrook, Larne BT40 2SR.

Please note that comments submitted to RES at this time are not representations to the determining authority (Strategic Planning Directorate Department for Infrastructure). There will be an opportunity to submit representations to the determining authority should an application be made.

¹ The bottom figure has been calculated by taking the predicted annual electricity generation of the site, based on a 30% capacity factor, and dividing this by the annual average electricity figures from the Department of Business, Energy and Industrial Strategy (DEBIS) showing that the annual UK average domestic household consumption is 11,935 kWh (for 2019).

² https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/116310/2020-electricity-generation-cost-report-2020.pdf

³ <https://www.bbc.com/news/energy-56606610>