

## **Great North Road Solar and Biodiversity Park**


Phase One Consultation Materials - Part 5 of 5

Document reference - EN010162/APP/5.1.3

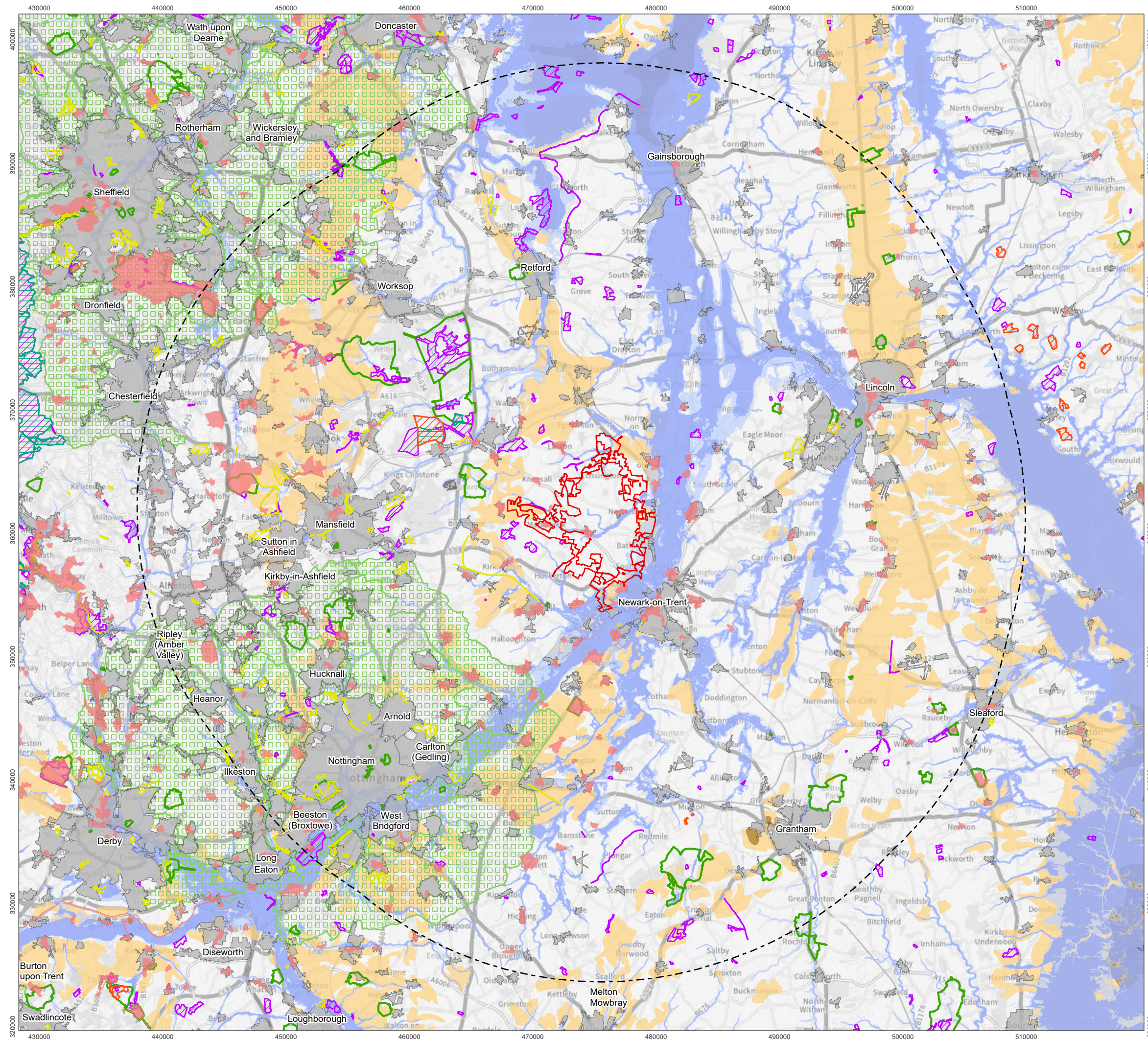
Revision number 1

June 2025

Infrastructure Planning (Applications: Prescribed Forms and Procedure)  
Regulations 2009, APFP Regulation 5(2)(q)







- Order Limits
- 30 km buffer of Order Limits
- Settlements
- Conservation Area
- NNR
- LNR
- SAC
- SSSI
- Registered Parks and Gardens
- Green Belt
- ALC Grade 1 and 2 Land
- ALC Grade 1
- ALC Grade 2
- Flood Zone 2
- Flood Zone 3

1:300,000 Scale @ A3

0 2.5 5 10 km

Ref: 007-001-112

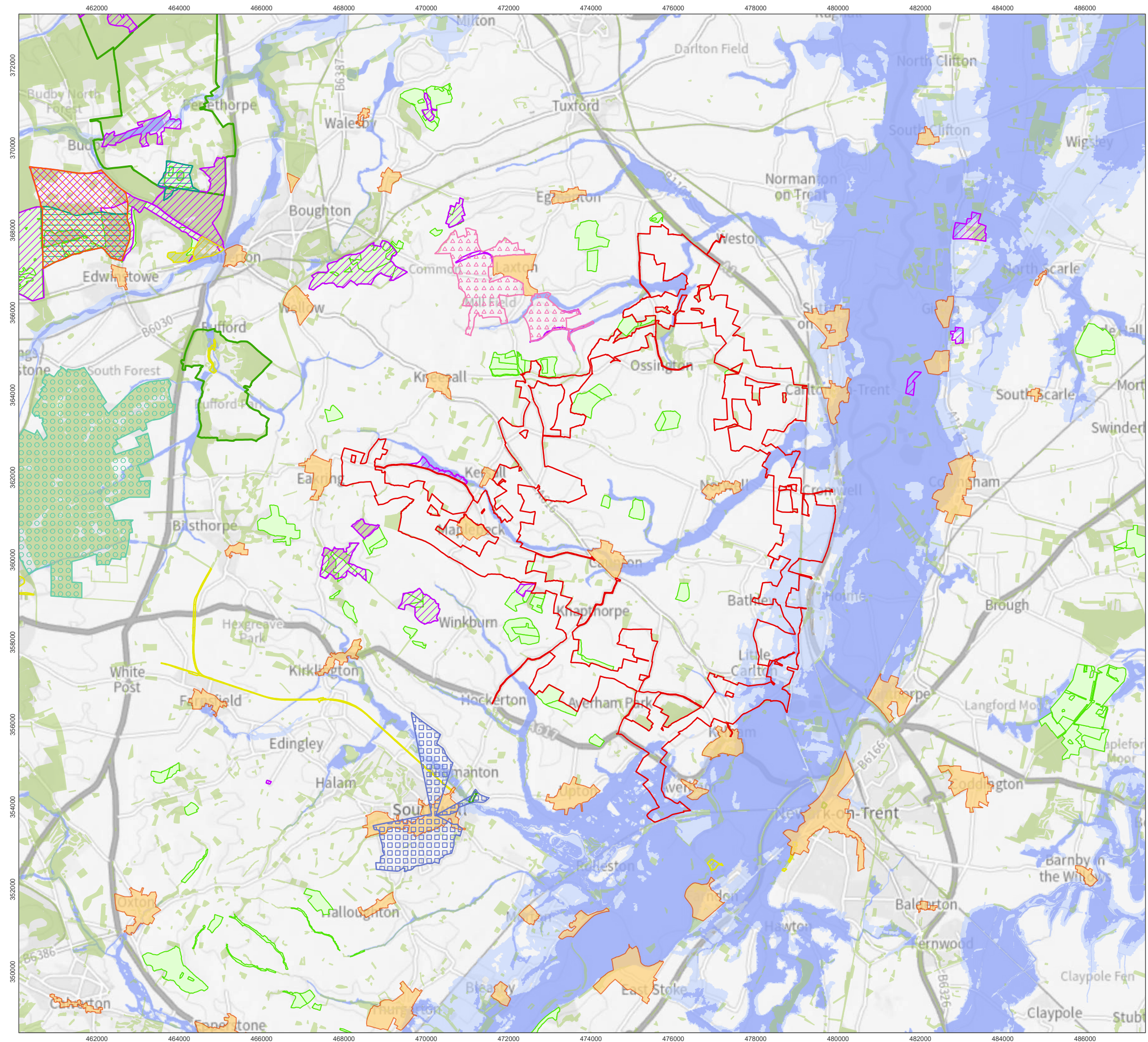
Date: 02/11/2023

Planning and Environmental Designations - 30 km

Figure 2.3

Great North Road Solar Farm Scoping Report





- Order Limits
- Historic Landscape Around Laxton
- Sherwood Forest SINC
- Southwell Protected Views
- Conservation Area
- NNR
- LNR
- SAC
- SSSI
- Registered Parks and Gardens
- Flood Zone 2
- Flood Zone 3
- Ancient Woodland
- Woodland

1:90,000 Scale @ A3

0 0.75 1.5 3 km



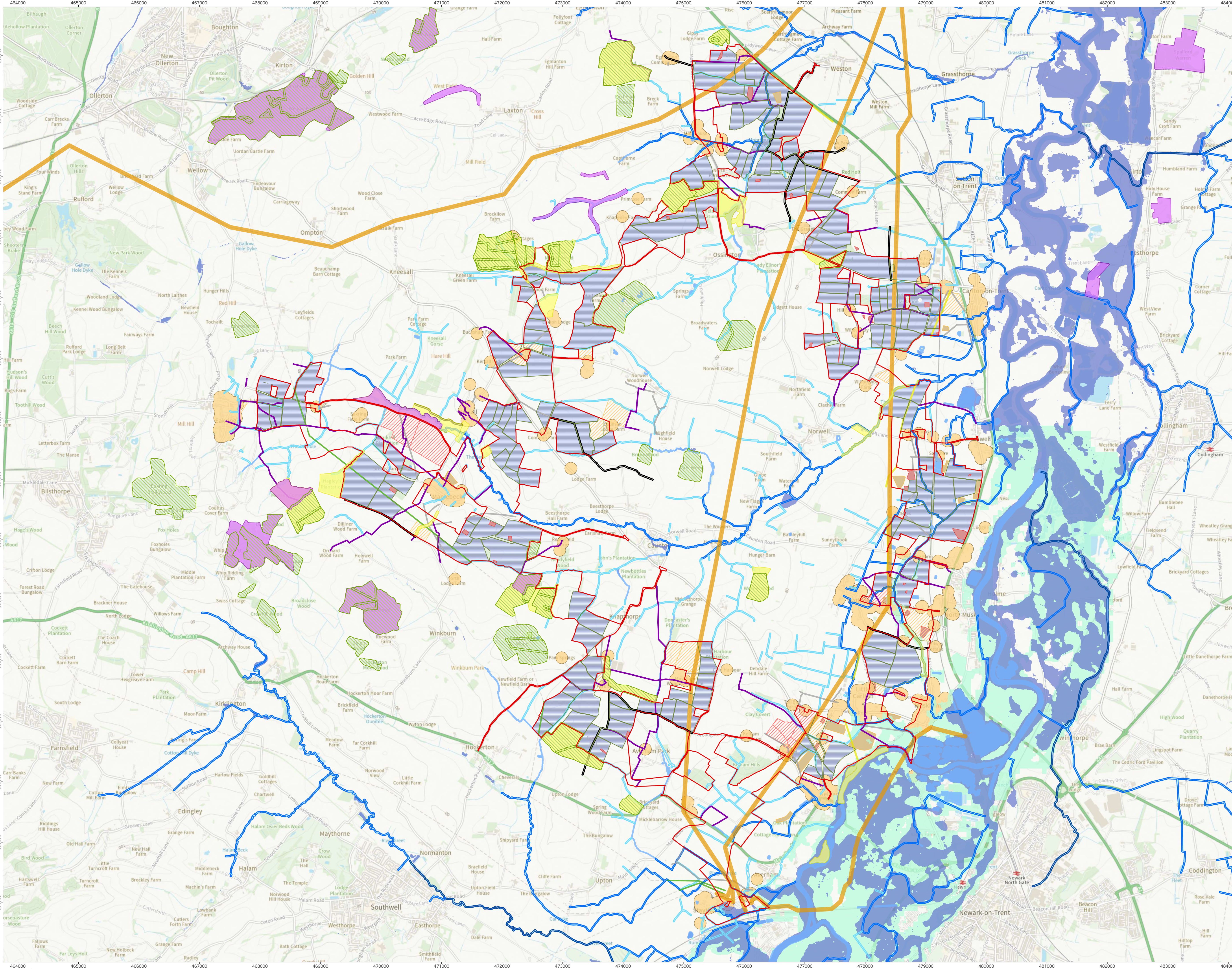
Ref: 007-001-113

Date: 06/11/2023

## Planning and Environmental Designations Figure 2.4

## Great North Road Solar Farm Scoping Report





Order Limits

Potential Development Area for Solar

15 m buffer of Ancient Woodland Inventory

15 m buffer of SSSI

15 m buffer of Local Wildlife Site

5 m buffer of Solar Field edges

10 m buffer of Bridleway

5 m buffer of Public Rights of Way

30.6m buffer of Transmission OHL

3.6 m buffer of 132 kV OHL

11 m buffer 33 kV OHL

8 m buffer of 11 kV OHL

10m buffer of Non-TVIDB maintained watercourse

10m buffer of TVIDB maintained watercourse

10m buffer of TVIDB EA Board maintained watercourse

10 m buffer of Waterbodies

Flood Areas greater than 1 m (EA)

Flood Areas gtr 0.7m CC

Landscape Scoping Design Review

Amber

Red

100 m buffer of Residential Receptors (String Inverter)

Geophysics Constraints

Constraint to factor in

Recommend area removal

00.250.51km

Scale: 1:27,500 | Date: 15/01/2024 | Ref: 007-001-124

Constraints

GNR Solar Farm



---

# The benefits of Great North Road Solar Park

If approved and constructed, GNR Solar Park could make significant impacts on national and local priorities and initiatives.



Contributing to national and local climate targets by avoiding 250,000 tonnes of CO<sub>2</sub> every year



Helping reduce household bills and providing energy security



Increasing biodiversity and protecting wildlife with additional plantings and protected areas



Working with local communities to define and provide local benefits and opportunities





---

## Job creation

- Operating the plant will bring c60 high quality jobs to the area.
- These jobs will be required for the full lifetime of the plant.
- Managing the land requires a similar number of staff as currently employed in agriculture.
  - 3 annual grass cuts;
  - Annual panel cleaning;
  - Hedgerow maintenance;
  - Drainage and swales management

Job role	Number
Technicians	33
Senior Technicians / HV SAPs	5
Managers	3
General Managers	1
Administrators	2
Schedulers	4
Finance	1
H&S	1
Spares Managers	3
Performance Engineers	4
Total full-time jobs	57





---

## Flood alleviation

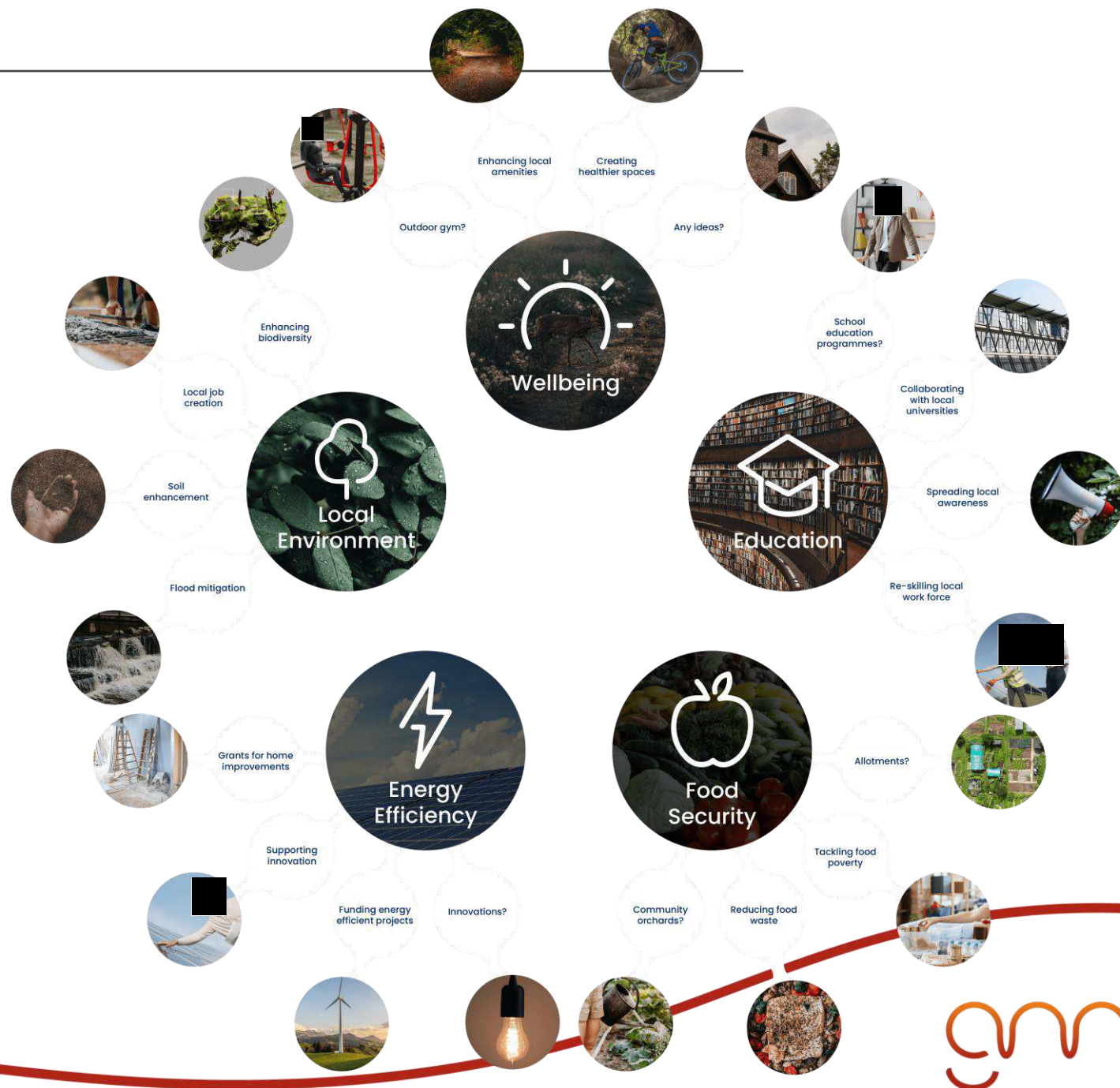
- Existing flooding is a key issue for local communities and is something we are keen to address.
- The change of land use from arable land to year-round grassland beneath the panels is expected to have a net positive impact on existing flooding issues. It will:
  - increase infiltration;
  - provide soil stability; and
  - slow down surface water flows.
- We will put in place targeted, nature-based solutions to manage and slow down water to help further alleviate existing flooding issues.







- NG+ is a community support scheme linked to the proposed GNR Solar Park.
- Our mission is to deliver a brighter future through our annual one-million-pound fund.
- With this fund, NG+ will support and deliver projects to benefit the local community with a focus on the environment, education, food security, wellbeing, and energy efficiency.





## Local environment

- We will be collaborating with local farmers and environmental experts to improve soil quality, ensure species protection and foster ecological balance, as well as bringing training apprenticeships, and employment to the area.



Enriching the soil around the solar park, establishing wildlife corridors, and promoting beekeeping.

NG+ will actively support projects to enhance woodlands, meadows, wetlands, and hedgerows.



Bringing jobs to the area for local people in collaboration with installers in the Midlands and Lincolnshire.





# Education

- We will be collaborating with local educational organisations in a number of ways.
- From research funding, and the creation of a solar trial site, to school activity days, apprenticeships, and a student bursary scheme, we have big plans to keep talented people in the local area.

Providing traineeships and apprenticeships to re-skill the local workforce, which will aid the local economy.



Creation of a solar trial site for universities, sponsoring higher education programmes and a student bursary scheme.



School visits and activity days.





# Wellbeing

- We all need to look after our mental health, taking time away from screens to get out in nature.
- We want to hear how we can enhance your local amenities, so that you can make the most of your outdoor space.

Adding  
mountain  
bike trails



Creating  
new picnic  
and play  
areas



Creating  
and linking  
new and  
existing  
footpaths





# Development process timeline\*





---

# Our consultation process

- Our first phase of community consultation is now live, running from **Tuesday 16th January 2024 to Tuesday 27th February 2024**.
- The aim of this consultation is to introduce Elements Green and the overall project, share our early-stage proposals and give you the opportunity to have your say, share your views and local knowledge.
- We will use the feedback we receive to inform and shape a strong set of proposals that are sensitive to and respect concerns of local communities.
  - Further to developing more detailed proposals, we will then carry out a second stage of consultation. This is intended to give you the opportunity to comment on our updated proposals and how they have evolved since the initial consultation. We expect to carry out this second stage of consultation towards the end of 2024.
  - Further to this consultation closing, we will review our proposals in light of feedback received along with the findings from our ongoing assessments so we can finalise and submit our application to the Planning Inspectorate. As the developer, we have a duty to demonstrate how we have taken your views into account in developing our final application in our Consultation Report.

**Your feedback  
is important to  
us**





---

# Information events

We are holding a series of exhibition events during the first stage of consultation, providing opportunities for the community to find out more information about the proposals and provide their feedback.

Location	Date and time
<b>Eakring Cator Hall</b> , Kirklington Road, Eakring, NG22 0DA	<b>Tuesday 30 January</b> 12pm – 6pm
<b>Laxton Village Hall</b> , High St, Laxton, Newark, NG22 0NX	<b>Wednesday 31 January</b> 2pm – 6pm
<b>Newark Town Hall</b> , Newark, Nottinghamshire, NG24 1DU	<b>Thursday 01 February</b> 12pm – 6pm
<b>Community webinar</b> , online	<b>Monday 05 February</b> 5:30pm – 7pm
<b>Carlton on Trent Village Hall</b> , Main Street, Carlton-on-Trent, Newark, NG23 6NW	<b>Thursday 08 February</b> 2pm – 6pm
<b>Maplebeck Village Hall</b> , Main Street, Maplebeck, Newark, NG22 0BS	<b>Friday 09 February</b> 2pm – 8pm
<b>Kelham House</b> , Main Street, Kelham, Newark, NG23 5QP	<b>Saturday 10 February</b> 12pm – 5pm





---

## Have your say

We want to hear your feedback on Great North Road Solar Park.

The deadline to submit your feedback is **Tuesday 27<sup>th</sup> February 2024** (on or before this date).

To have your say, you can:

- Complete our online feedback form at [www.gnrsolarpark.co.uk](http://www.gnrsolarpark.co.uk)
- Return a written feedback form or letter to FREEPOST GNR SOLAR
- Tell us your comments via email at [info@gnrsolarpark.co.uk](mailto:info@gnrsolarpark.co.uk)

All information about Great North Road Solar Park can be found on our website: [www.gnrsolarpark.co.uk](http://www.gnrsolarpark.co.uk) and information about NG+ can be found at <https://ngplus.uk/>







# Q&A session

Thank you for listening

We now have a short video, which may answer some of your questions, or inspire new ones.



## **12 PHASE ONE CONSULTATION ENERGY EFFICIENCY FORM**





# Energy Efficiency / Renewable Energy Grant



[www.ngplus.uk](http://www.ngplus.uk)





# Energy Efficiency / Renewable Energy Grant

As part of the NG+ scheme, we are consulting on possible measures to improve the energy efficiency of nearby properties and save on energy bills for local residents and their families. This would be grant funded. Filling in this form will help guide a local installer towards measures they could recommend are implemented at your property / business to put forward in an NG+ grant application.

Name:

Address:

Building age :

In which parish council is your property or business located?

Is the property a listed building?

EPC:

☐ Yes

☐ No

If known, what Energy Efficiency rating?

Does the property have any of the below:

	Yes	No		Yes	No
LED lighting throughout	<input type="radio"/>	<input type="radio"/>	Cylinder tank	<input type="radio"/>	<input type="radio"/>
Roof insulation	<input type="radio"/>	<input type="radio"/>	Combi-boiler system	<input type="radio"/>	<input type="radio"/>
Interior Wall insulation	<input type="radio"/>	<input type="radio"/>	Solar PV panels	<input type="radio"/>	<input type="radio"/>
Exterior Wall insulation	<input type="radio"/>	<input type="radio"/>	Solar thermal panels	<input type="radio"/>	<input type="radio"/>
Floor insulation	<input type="radio"/>	<input type="radio"/>	Unshaded south facing roofs	<input type="radio"/>	<input type="radio"/>
Underfloor heating	<input type="radio"/>	<input type="radio"/>	East/West roofs	<input type="radio"/>	<input type="radio"/>
Cavity walls	<input type="radio"/>	<input type="radio"/>	Flat roofs	<input type="radio"/>	<input type="radio"/>
Single skin walls	<input type="radio"/>	<input type="radio"/>	Installed smart meter	<input type="radio"/>	<input type="radio"/>
Wood-burning stove	<input type="radio"/>	<input type="radio"/>	Battery Energy Storage System	<input type="radio"/>	<input type="radio"/>
Immersion heater	<input type="radio"/>	<input type="radio"/>	Electric Vehicle charging point	<input type="radio"/>	<input type="radio"/>

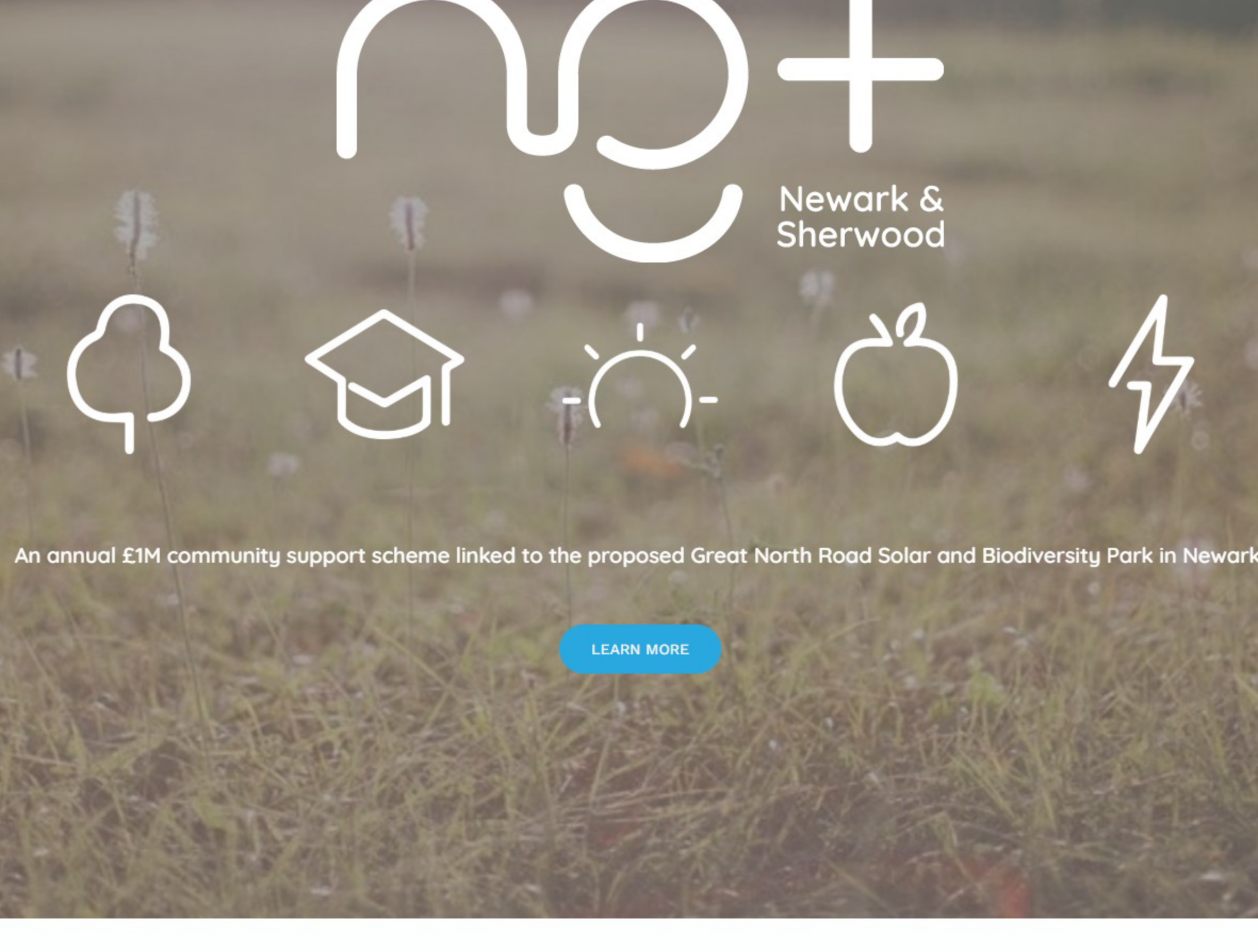
What form of heating system does the property have?

☐ Oil ☐ Gas ☐ LPG ☐ Electric ☐ Biomass ☐ Air source heat pump ☐ Ground Source heat pump



## **13 NG+ MATERIALS**

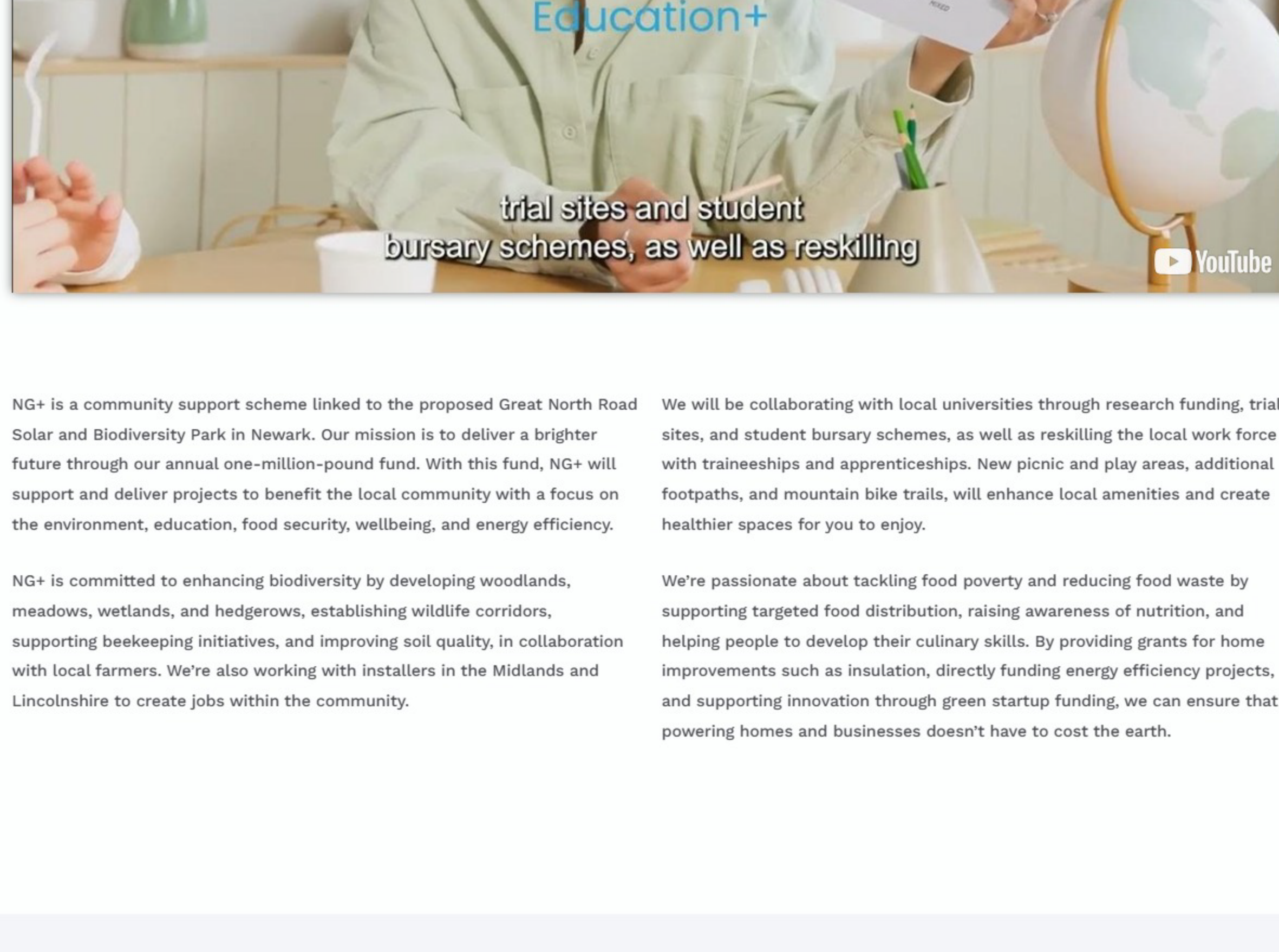




An annual £1M community support scheme linked to the proposed Great North Road Solar and Biodiversity Park in Newark.

LEARN MORE

## Introducing NG+



## The Five Pillars of NG+

**Local environment**

- Biodiversity enhancements
- Local job creation

**Education**

- School visits
- Research funding
- Courses

**Wellbeing**

- Enhancing local amenity
- Creating healthier spaces

**Food security**

- Tackling food poverty
- Reducing food waste

**Energy efficiency**

- Home improvement grants
- Green startup funding

GET INVOLVED WITH NG+

BOOK A SOLAR ACTIVITY DAY

REGISTER FOR YOUR IND PACK

TELL US ABOUT YOUR PROJECT

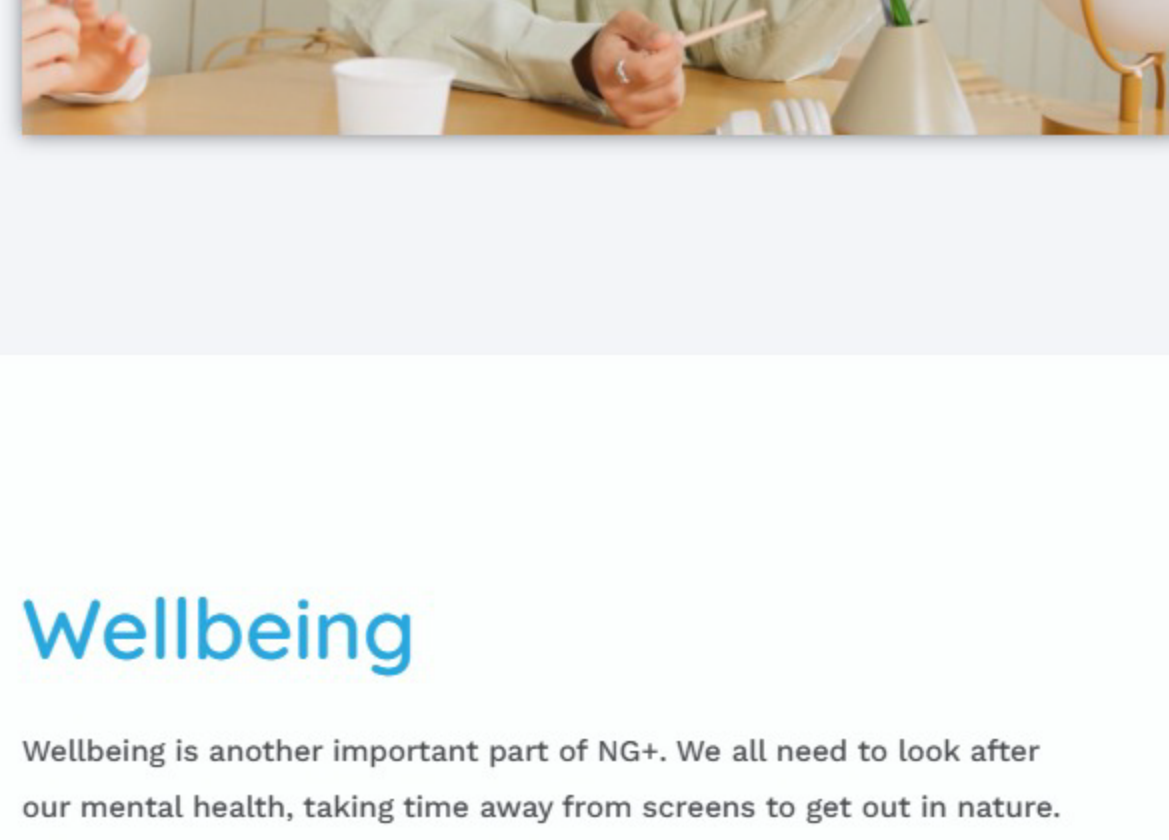
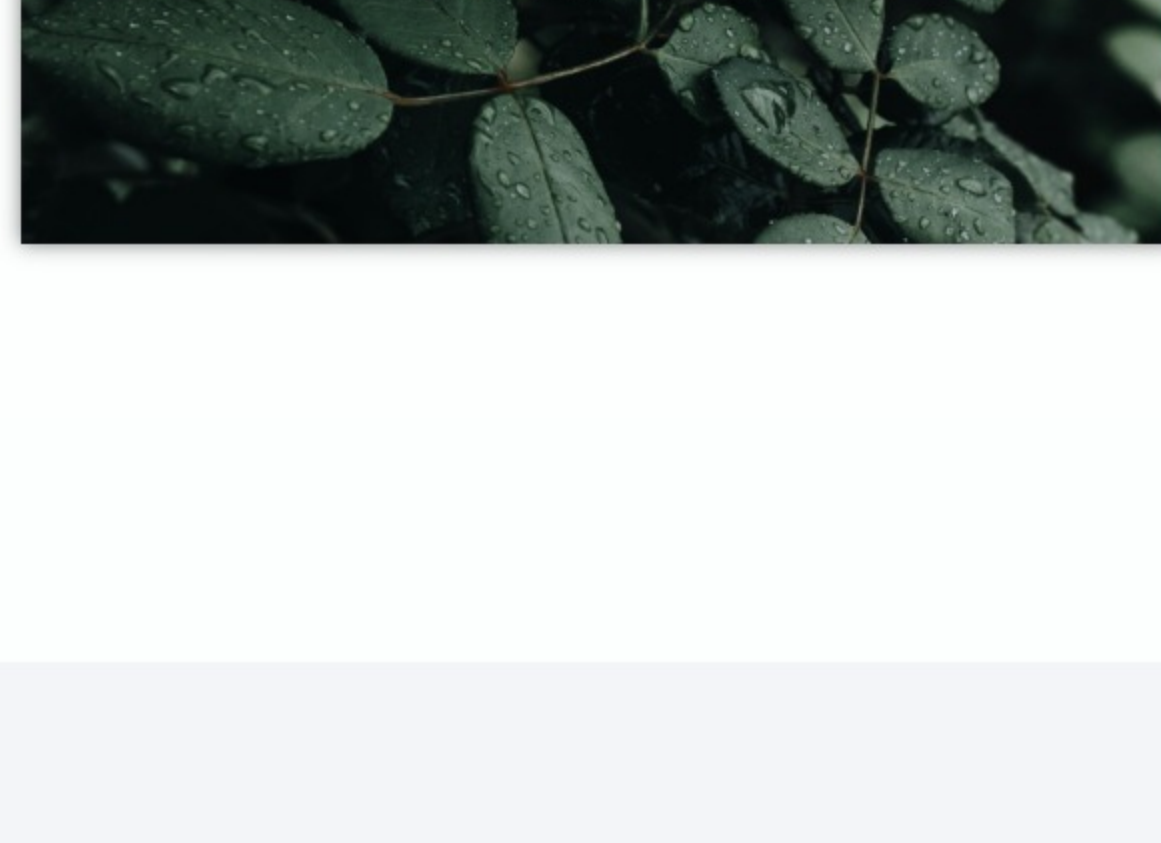
DOWNLOAD OUR ENERGY EFFICIENCY FORM

## Local Environment

Biodiversity enhancements and job creation are so important for enriching the local environment and revitalising neighbourhoods.

NG+ will actively support projects to enhance woodlands, meadows, wetlands, and hedgerows, to ensure species protection and foster ecological balance. We will be collaborating with local farmers and will establish wildlife corridors, as well as promoting beekeeping through the scheme.

We will also be bringing jobs to the area for local people in collaboration with developers in the area and organisations such as Solar Energy UK.



## Education

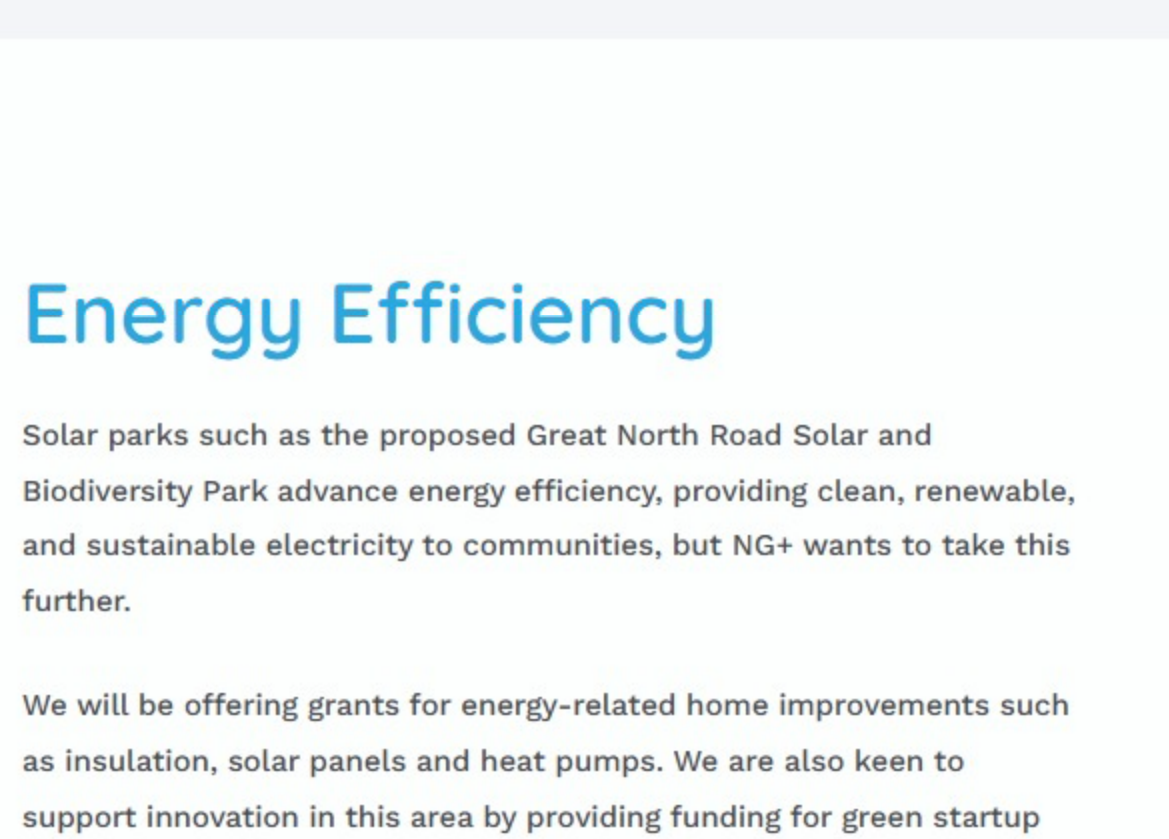
Education is a key part of NG+ and we will be collaborating with local educational organisations in a number of ways. From research funding to school visits and activity days, sponsoring higher education programmes and a student bursary scheme, we have big plans.

We will also be providing traineeships and apprenticeships to re-skill the local workforce, aid the local economy and keep talented people in the area.

## Wellbeing

Wellbeing is another important part of NG+. We all need to look after our mental health, taking time away from screens to get out in nature. Study after study shows that being outdoors is good for everybody, whether young or old.

We're interested to hear how we can enhance local amenities, from creating new picnic and play areas, creating and linking new and existing footpaths and adding mountain bike trails so that people can enjoy and make the most of their outdoor space.



## Food Security

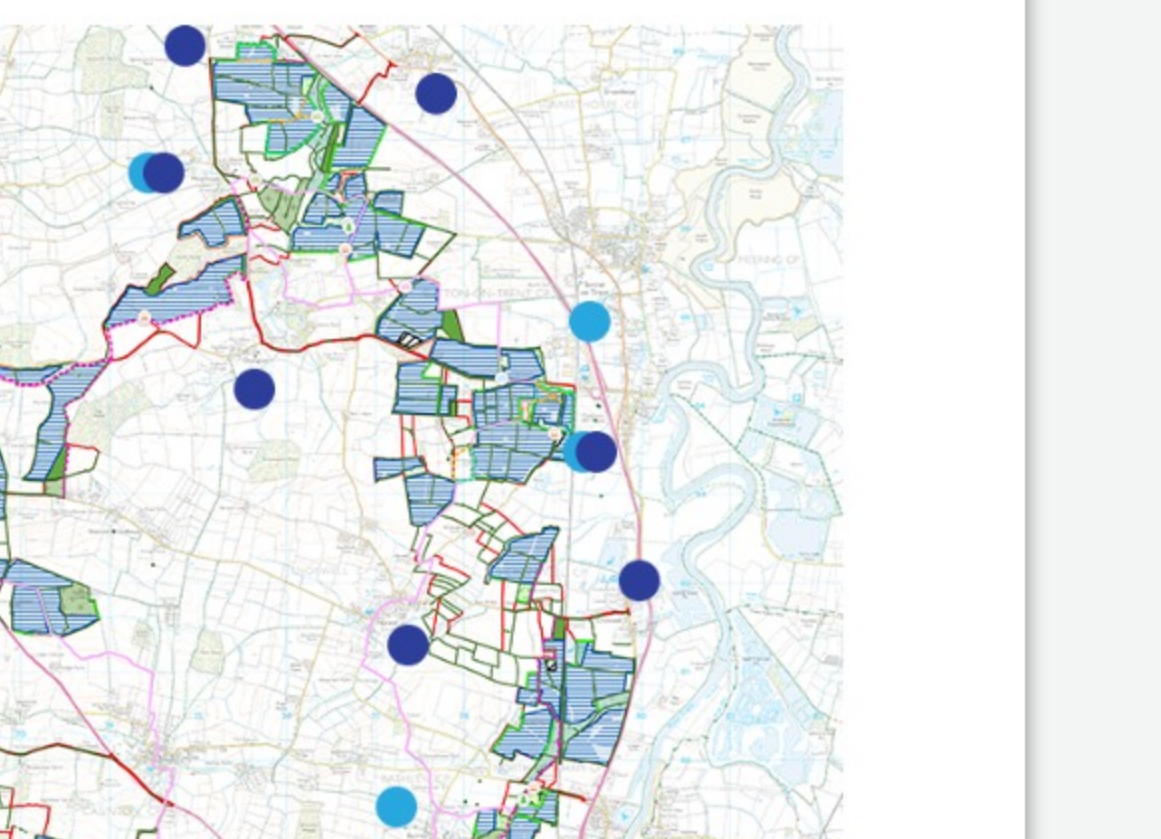
The biggest threat to food security is climate change. The UK government and international bodies such as the Intergovernmental Panel on Climate Change have identified climate change and biodiversity loss as major contributing factors to food insecurity in the UK and around the world. The UK wastes enough food to provide approx. 6.4 million people with 3 meals per day. The UN state that if food waste was a country, it would be the #3 global greenhouse gas emitter behind the US and China.

NG+ will look at projects to tackle food poverty by supporting targeted distribution programmes and work to reduce food waste by raising awareness around the issue, providing nutrition education, and culinary skills.

## Energy Efficiency

Solar parks such as the proposed Great North Road Solar and Biodiversity Park advance energy efficiency, providing clean, renewable, and sustainable electricity to communities, but NG+ wants to take this further.

We will be offering grants for energy-related home improvements such as insulation, solar panels and heat pumps. We are also keen to support innovation in this area by providing funding for green startup businesses. We will offer grants for business for related measures also, with the aim to support local employment.



## 2025 NG+ in Action: Funded and Planned Community Projects

**As of June 2025**

**Projects Approved or Completed (2024-2025)**

- Carlton-on-Trent - Village Hall refurbishment
- Moorthouse Church - Electrical safety testing
- Moorthouse Church - Raised food-growing beds
- Egmont - Village hall kitchen floor replacement
- Muskhams Cougars U13s - Football team kit
- Muskhams - Community flood-response storage shed
- All Newark - "Living Garden" planting and wellbeing space
- Newark Business Club - Sponsorship of July 2024 business networking meeting

**Projects Planning / Procurement Stage**

- Carlton-on-Trent - Village Hall lighting
- Moorthouse Church - LED lighting and heat pump installation
- Carlton-on-Trent Sports Club - "Sit to Be Fit" wellbeing equipment
- Carlton-on-Trent Sports Club - "Sit to Be Fit" wellbeing equipment
- Carlton-on-Trent Sports Club - "Sit to Be Fit" wellbeing equipment
- Carlton-on-Trent Sports Club - "Sit to Be Fit" wellbeing equipment

**NG+ is committed to supporting all projects in the list area.**

**All of our activities are in partnership with local stakeholders in the following communities: Carlton, Egmont, Moorthouse, All Newark, Village Hall Refurbishment and Carlton-on-Trent Sports Club.**

**Funding has been awarded for these areas and equipment delivery is under way for the following communities.**

NG+ is already delivering tangible value to communities within the proposed Great North Road (GNR) Solar and Biodiversity Park area. Through our **discretionary 2024-2025 funding phase**, we've provided support for a variety of local priorities – with more projects now moving into the planning stage. These efforts demonstrate our commitment to immediate, meaningful impact, even before the full circa £1M per annum NG+ programme begins in 2026, subject to project approval.

### Projects Funded or Completed (as of 2 June 2025):

- Carlton-on-Trent – Village hall newsletter printer
- Moorthouse Church – Electrical safety testing
- Norwell Primary School – Raised food-growing beds
- Egmont – Village hall kitchen floor replacement
- Muskhams Cougars U13s – Football team kit
- Muskhams – Community flood-response storage shed
- All Newark – "Living Garden" planting and wellbeing space
- Newark Business Club – Sponsorship of July 2024 business networking meeting

### Projects in Planning / Procurement:

- Carlton-on-Trent – Hall carpeting
- Moorthouse Church – Transition to safe flameless infrared heating
- Sutton-on-Trent Sports Club – "Sit to Be Fit" wellbeing equipment
- Baverham – Village defibrillator and bird nesting boxes
- Atherham, Kelham and Staythorpe – Community HIVE donation

### Additional Communities Being Engaged:

Funding has been reserved for Cromwell, Caunton, Hockerton, Little Carlton, Kneassall, Kersall and Ompoton, with a number of tailored proposals under discussion.

We welcome ideas from these areas and are actively working with stakeholders to bring forward projects that match local needs. Email: [community@ngplus.uk](mailto:community@ngplus.uk)



## Strengthening Local Environments

Biodiversity and sustainable land use are core to NG+. As part of the wider GNR project and through NG+, we are supporting:

- Approximately **50,000+ new trees** and **25 km of new hedgerows** across the landscape
- Active discussions with local wildlife and conservation groups – including **partnerships with Sherwood Forest Trust, RSPB, Trent Rivers Trust, Nottinghamshire Wildlife Trust**, and parish-level biodiversity champions
- Pilot projects to enhance resilience for pre-existing flooding using natural flood management (NFM)
- Early-stage interest in wildflower corridors, orchard restoration, and nature-led wellbeing areas

Future environmental funding will prioritise schemes that support habitat creation, food security, and long-term community resilience.

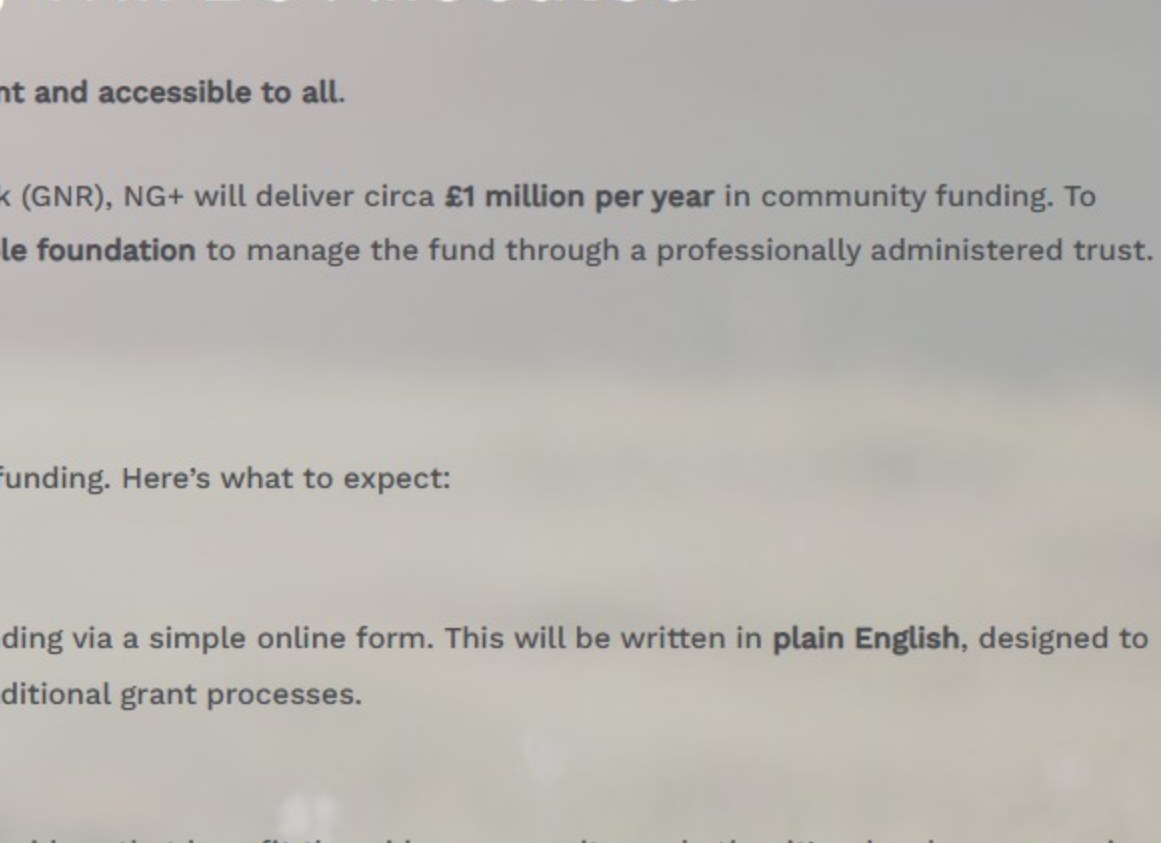
## Boosting Education & Skills

NG+ also champions **learning at all levels**, building stronger green career pipelines. With this in mind we created the **EG Academy**:

- Free, CPD-accredited online training courses for residents and learners in the GNR area. Popular modules include:
  - A Guide to Photovoltaic (PV) Design for Solar Farm Projects
  - Navigating ESG and Regulatory Frameworks in Renewable Energy
  - A Guide to Battery Energy Storage System (BESS) Design
- Over 100 course enrolments to date – with more planned through local outreach in schools, sixth forms, and further education colleges
- Future opportunities include **hardware grants** for STEM teaching, site visits, and **renewable energy internships and apprenticeships**

We welcome educational partners across Newark & Sherwood to contact us about future opportunities. Email: [academy@elementgreen.com](mailto:academy@elementgreen.com)

VISIT THE EG ACADEMY TODAY



## How NG+ Funding Will Be Allocated

We're committed to ensuring the NG+ community benefit fund is **fair, transparent and accessible to all**.

Subject to planning approval of the Great North Road Solar and Biodiversity Park (GNR), NG+ will deliver circa **£1 million per year** in community funding. To support this, Elements Green is currently working with an **Independent charitable foundation** to manage the fund through a professionally administered trust.

### How the Process Will Work

Once planning approval is secured, we'll release full details of how to apply for funding. Here's what to expect:

- Open Online Applications**

Anyone within the NG+ region will be able to submit a project idea for funding via a simple online form. This will be written in **plain English**, designed to be straightforward and accessible for all – not just those familiar with traditional grant processes.
- Open to Individuals and Groups**

Applications can be submitted by **individuals or organisations**. We welcome ideas that benefit the wider community – whether it's a local group running an event or an individual with a creative proposal to improve village life.
- Independent Panel Decision-Making**

All submissions will be reviewed by an **Independent panel** appointed by the foundation. The panel will assess applications using a **clear and published scoring framework**, with decisions based on impact, feasibility and community value.
- Local Voices on the Panel**

One place on the panel will always be reserved for a **resident from a GNR village**, with this role rotating regularly to ensure **every community** has a **chance to take part in decision-making**.

As we move closer to consent, we'll share more information on how to get involved – including example projects, application guidance, and timelines.

## Now it's your

## Help Shape NG+

We want to hear about any initiatives you have that we can support or help you deliver.

TAKE SURVEY

## Contact Us

Got an enquiry we're in touch as soon as possible.

Tell us what you're enquiring about:

Get involved with NG+

Name

Email\*

Message

☐ I consent to Elements Green contacting me by email with relevant information about Great North Road Solar Park and the NG+ community benefit scheme.

☐ I have read and agree to the Great North Road Solar Park [Privacy Policy](#), which explains how my personal data is collected and used.

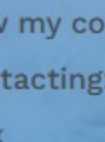
☐ I agree to allow Elements Green to collect and process my personal data for the purpose of responding to my enquiries.

☐ I understand that I can withdraw my consent and opt out of communications at any time by contacting: [info@greatnorthroadsolarpark.co.uk](mailto:info@greatnorthroadsolarpark.co.uk)

SEND MESSAGE

## Keep In Touch

Contact [community@ngplus.uk](mailto:community@ngplus.uk) and let's make a difference.



### Join The List

Email\*

☐ I consent to Elements Green contacting me by email with relevant information about Great North Road Solar Park and the NG+ community benefit scheme.

☐ I have read and agree to the Great North Road Solar Park [Privacy Policy](#), which explains how my personal data is collected and used.

☐ I agree to allow Elements Green to collect and process my personal data for the purpose of responding to my enquiries.

☐ I understand that I can withdraw my consent and opt out of communications at any time by contacting: [info@greatnorthroadsolarpark.co.uk](mailto:info@greatnorthroadsolarpark.co.uk)

SIGN ME UP





As of 13 May 2025:

**Projects Delivered or Completed (NG+ funded):**

Carlton on Trent Village Hall – Newsletter printer  
Moorhouse Church – Electrical safety testing  
Norwell Primary School – Raised plant beds  
Egmanton Village Hall – Kitchen floor replacement  
Muskham Cougars – Football kit (U13 team)  
Maplebeck – Flood shed

ASI Newark – “Living Garden” initiative

Newark Business Club – Sponsored July 2024 meeting

Newark Rugby Club – Pitch signage

**Projects in Planning or Procurement Stage:**

Carlton on Trent Village Hall – Hall carpeting  
Ossington Hut – Low-energy lighting and redecoration  
Moorhouse Church – Safe flameless gas heater replacements  
Sutton-on-Trent Sports Club – “Sit to be Fit” class equipment  
Bathley - Village defibrillator and Owl boxes for properties

NG+ is committed to supporting all parishes in the host area.

As of this update, we are continuing to identify suitable projects in the following communities: Cromwell, Cauntton, Hockerton, Little Carlton, Kneesall, Kersall and Ompton.

Funding has been reserved for these areas and engagement is ongoing to ensure any proposed projects reflect local needs and deliver long-term benefits.

