



PARC
DYFFRYN
POWERING A GREENER FUTURE

EARLY 2022 UPDATE



We want to hear from you!

Scan the QR code opposite
or visit parcdyffryn.com to
have your say on the
project.

CENIN

Welcome to our early 2022 Parc Dyffryn update.

CENIN is committed to developing Parc Dyffryn, a combined renewable energy, biodiversity management and sustainable transport project that will help deliver a lower carbon and cleaner future for current and future generations. Our team has been busy progressing the necessary consultation and baseline environmental surveys since we sent out our original brochure last year.

If we are to fulfil our vision, we will need further support from a wide range of stakeholders and supporters which is why we're inviting you to support the Parc Dyffryn project.

Become a part of building a sustainable future, powered by renewable, locally produced solar energy.

We are committed to engaging with our local community and would invite any questions to be submitted via e-mail or using the Contact Us section on the website. We continue to view our plans with great passion and hope you will too.

On the next page you will see a reminder of some of the benefits Parc Dyffryn will bring to the local area.

Martyn Popham
Director

CENIN



Martyn Popham
Director



Neil Tapper
Director - Engineering



Katherine Day
Financial Controller



Jess King
Projects Coordinator



Planning Partner
rpsgroup.com



Reuben Hamon
Project Designer



Paul Kelliher
Legal Contracts & Administration Manager



Joanne Goddard
Community Liaison & Education Lead



Communications Partner
redefined.cymru

UPDATED PROJECT TIMELINE

Please see our UPDATED timeline below

In 2021, we ensured all our necessary surveys and consultation with statutory bodies were completed to provide all the information needed to determine the planning application. In the Summer of 2021, we hosted a number of gatherings on the Parc Dyffryn site and walked the fields to demonstrate the vision and explain the key proposals of the project.



THE SITE



1.14 million tonne carbon reduction over the next 40 years

That's the same saving as taking 6,157 cars off the road.



Pioneering Electricity provision

Free from subsidies and without support from public finances powering over 20,000 homes per year with clean, renewable electricity.



30 hectares of woodland designated a natural Habitat Management Area

Showing our commitment to allowing the natural flora and fauna of the site to flourish.



Cutting edge energy storage technology

Providing power to our homes when we need it most.



30 local education points

Especially curated for Parc Dyffryn, providing a unique experience for local schools and community groups.



Newly created paths for increased mobility

Providing access to Dyffryn House and Gardens

THE COMMUNITY

Newly created pathways

Separate to our nature trails, newly created paths will provide an opportunity to exercise as well as providing a direct route to Dyffryn House & Gardens.



Biodiversity

Native species of bird, plant and tree will be protected by our unique biodiversity management plan and a specially selected wild flower mix sown throughout the Parc.



EV Charging

Multiple vehicle charging points will be available on the site, offering people an opportunity to charge their vehicles whilst enjoying the natural habitat throughout the Parc.



Nature Trails

Nature trails will help walkers navigate through 30 hectares of woodland, designated a natural Habitat Management Area.



Education

30 local education points, especially curated for Parc Dyffryn, will provide a unique experience for local schools and community groups. Engagement with local primary schools has already begun.



Transport

On site car parking will provide future sustainable transport links and allow people to leave their vehicles and walk to Dyffryn House & Gardens on our newly created, accessible pathways.





What is Parc Dyffryn?

Parc Dyffryn will comprise a 65 MW Solar PV (which stands for photovoltaic) Farm, which is a series of rows of solar panels (similar to those commonly found on a house roof) mounted just off the ground on a frame and tiled either south or east-west, that convert energy in the form of light from the sun and turn it into electricity. Parc Dyffryn will also have a 30MWh energy balancing unit to store any surplus electricity the panels generate during daylight hours. This electricity can then be released at other times when it is needed to meet consumer demand and avoid the need for high carbon generation to be turned on

What are the benefits of having a Solar PV Farm ?

The site at Parc Dyffryn will supply electricity to the local distribution network by connecting to the overhead power lines that cross Vianshill Farm. Parc Dyffryn will produce 682.5Gw of electricity every year, that's the equivalent total power required for over 20,000 homes each year.

Where is Parc Dyffryn located?

On land at Vianshill Farm, just outside Cardiff located to the south of the A48 between The Downs and St Nicholas. Solar PV panels must be placed in an area where there will be access to as much daylight as possible as the sun moves from East to West. South Wales has some of the best solar resource in terms of irradiance in the UK.

Who is behind the Parc Dyffryn Project Solar PV Farm?

Parc Dyffryn will be delivered by Wales' leading edge renewable energy specialist Cenin Renewables. Visit www.cenin.co.uk to see some examples of its previous, ground-breaking work across Wales. The land is part of the Coedarhydyglyn Estate and forms part of Vianshill Farm, which is farmed by a local tenant. The project is being developed in partnership by the Coedarhydyglyn Estate and Cenin Renewables Limited.

Will there be any activity at night?

The site will be in complete darkness at night with no security lighting.

For more information about the Parc or if you wish to submit a question to us, please visit parcdyffryn.cymru/FAQs

Contact Us

www.parcdyffryn.com

@CENINGreenPower

nextgeneration@parcdyffryn.com

All information correct as of January 2022.