



PARC
DYFFRYN
POWERING A GREENER FUTURE



cenin
renewables

OUR VISION

Cenin Renewables is committed to developing Parc Dyffryn, a combined renewable energy and biodiversity management area, and has assembled a progressive team which I am proud to lead.

Solar energy is now a cost-effective means of generating electricity in a region with one of the best solar resources in the UK.

Wales is seeking low-carbon energy generation with the nation's target of 1GW of locally owned energy production. Which we, as a Welsh developer are assisting to deliver. We know this change is driven both by Welsh Government's ambition on tackling the climate challenge and promoting sustainability, exemplified by the Well-being of Future Generations (Wales) Act 2015.

As the costs of renewable energy generation continue to fall, householders and industry will soon, more and more, support the flexible and modern forms of energy generation. We are in a new global industrial era and we want to be at the forefront, Wales cannot be left behind.

All of our energy projects require a unique biodiversity management plan, considering the existing flora and fauna on the site, and allowing it to thrive further. Our previous work on projects such as Home Farm demonstrates our commitment to allowing natural environments to flourish.

At Parc Dyffryn we will manage significant areas of woodland and meadows while creating multi-use paths giving the public the opportunity to see how nature and energy generation can wonderfully intertwine.

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 view our plans passionately and hope you will too.

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Harnessing the sun's energy is one of the key ways in which we're fighting climate change and its effects



Martyn Popham
Director





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.



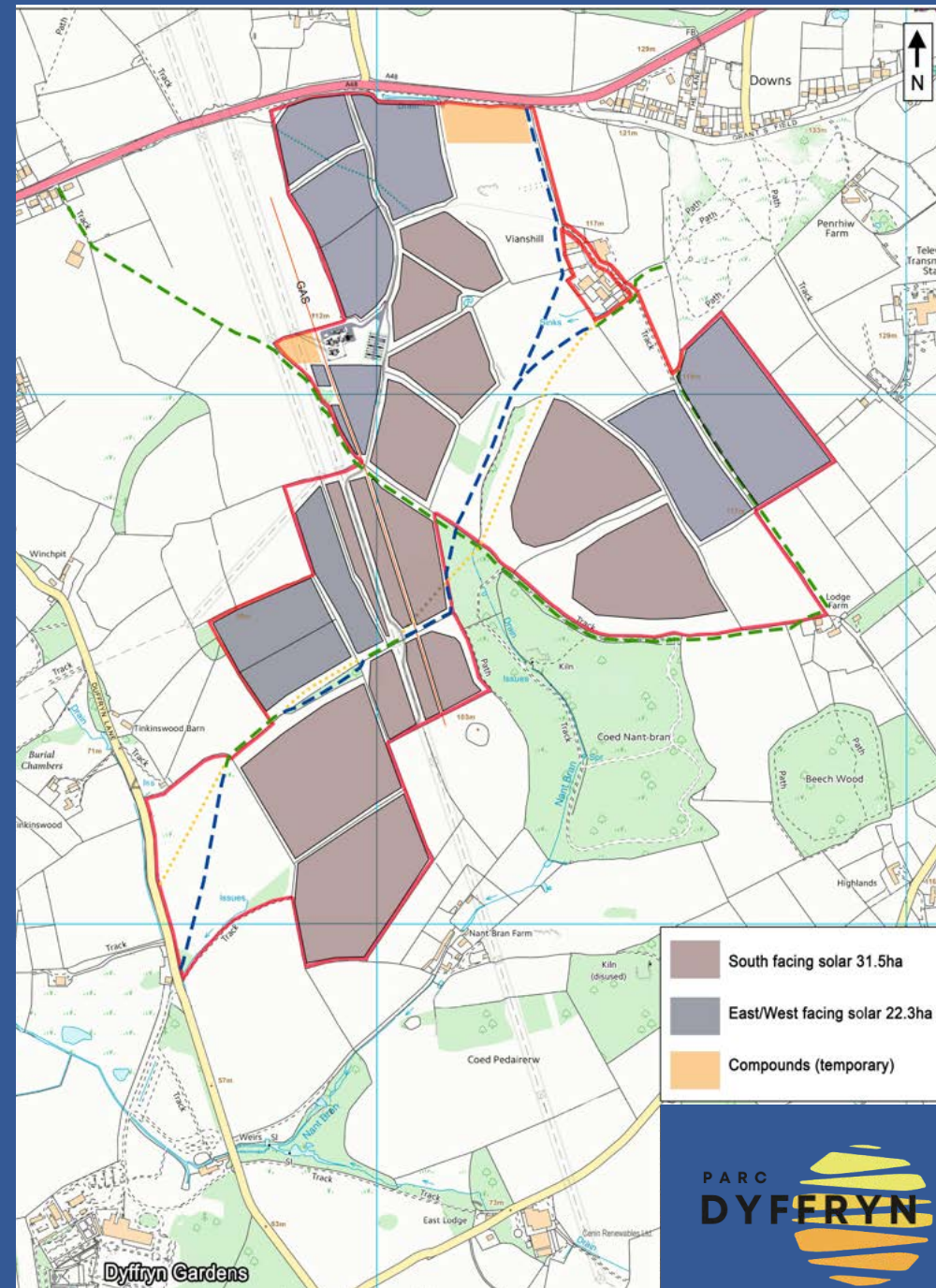
30 local education points

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



Newly created Nature Trails, Bike Paths and footpaths

Providing access to Dyffryn House and Gardens



THE COMMUNITY

Nature Trails

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



Cycle Paths

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



Education

30 local education points, especially curated for Parc Dyffryn, will provide a unique experience for local schools and community groups.



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.

Transport

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



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.



OUR TEAM

Find out more about us at ceninrenewables.co.uk



Martyn Popham
Director



Neil Tapper
Director -
Engineering



Katherine Day
Financial Controller



Jess King
Renewables Project
Assessor



Reuben Hamon
Project Designer



Paul Kelliher
Legal Contracts &
Administration
Manager



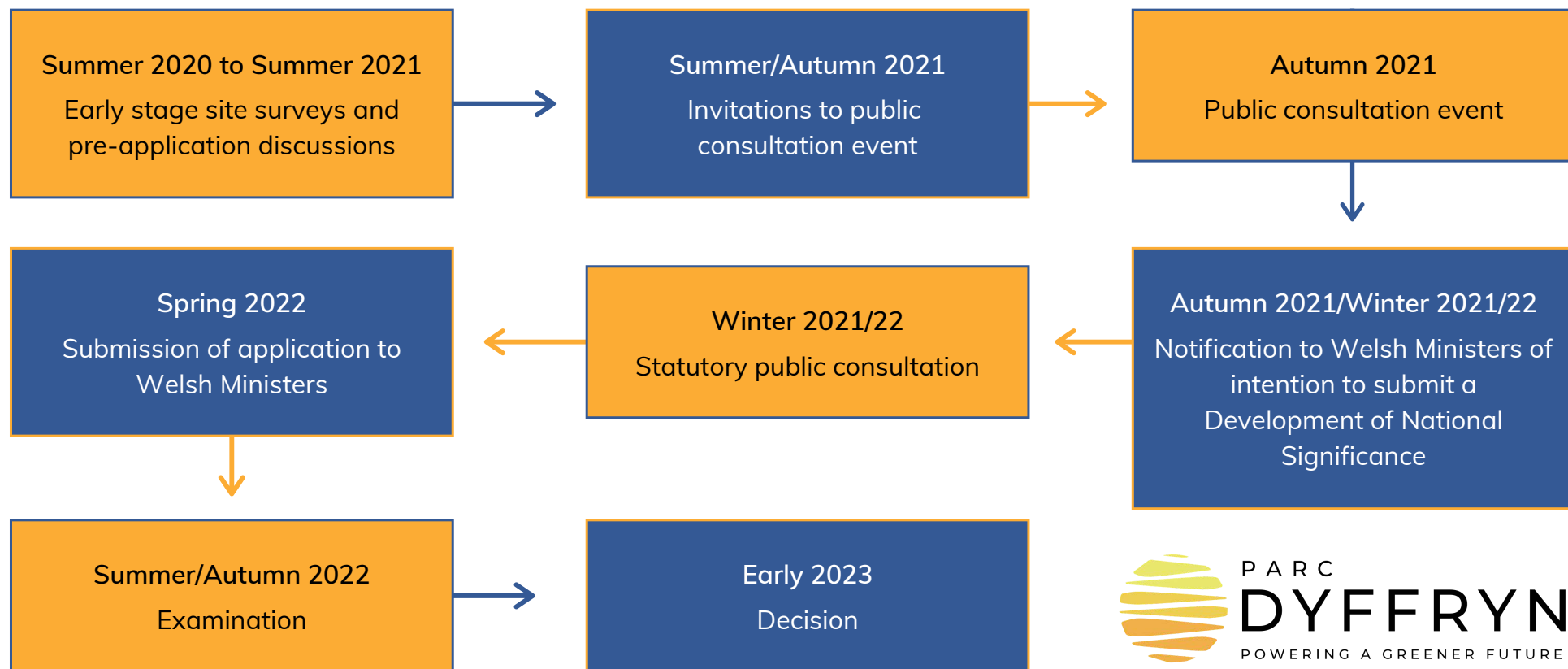
Planning Partner
rpsgroup.com



Communications Partner
redefined.cymru



PROJECT TIMELINE



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.ceninrenewables.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





P A R C

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