

MANMOEL WIND



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POWERING A GREENER FUTURE

CENIN is delighted to share its plans to develop Manmoel Wind Farm, an innovative scheme that will bring a wide range of benefits to the local Tredegar/Ebbw Vale area.

Manmoel Common has been identified by Welsh Government as an area pre assessed as suitable for wind energy. The common has fantastic capacity for wind energy owing to its valuable wind resource. Ebbw Vale was a hugely important part of the Industrial Revolution with the area being mined for coal, iron ore and limestone. We're excited to now be at the forefront of the Electric Economy Revolution, where sustainable locally produced power is generated and used locally.

CENIN is already in discussions with Blaenau Gwent County Borough Council to see how this power made in the borough can be used locally. Investigations and research are underway to see how the power could be used in council buildings, local industry and enable cost effective sustainable electric transport.



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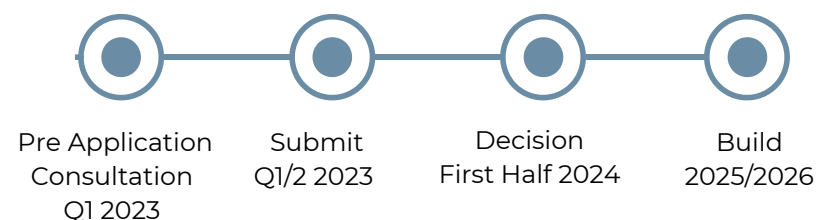
Communications Partner
avenue-creative.co.uk



Land Agents
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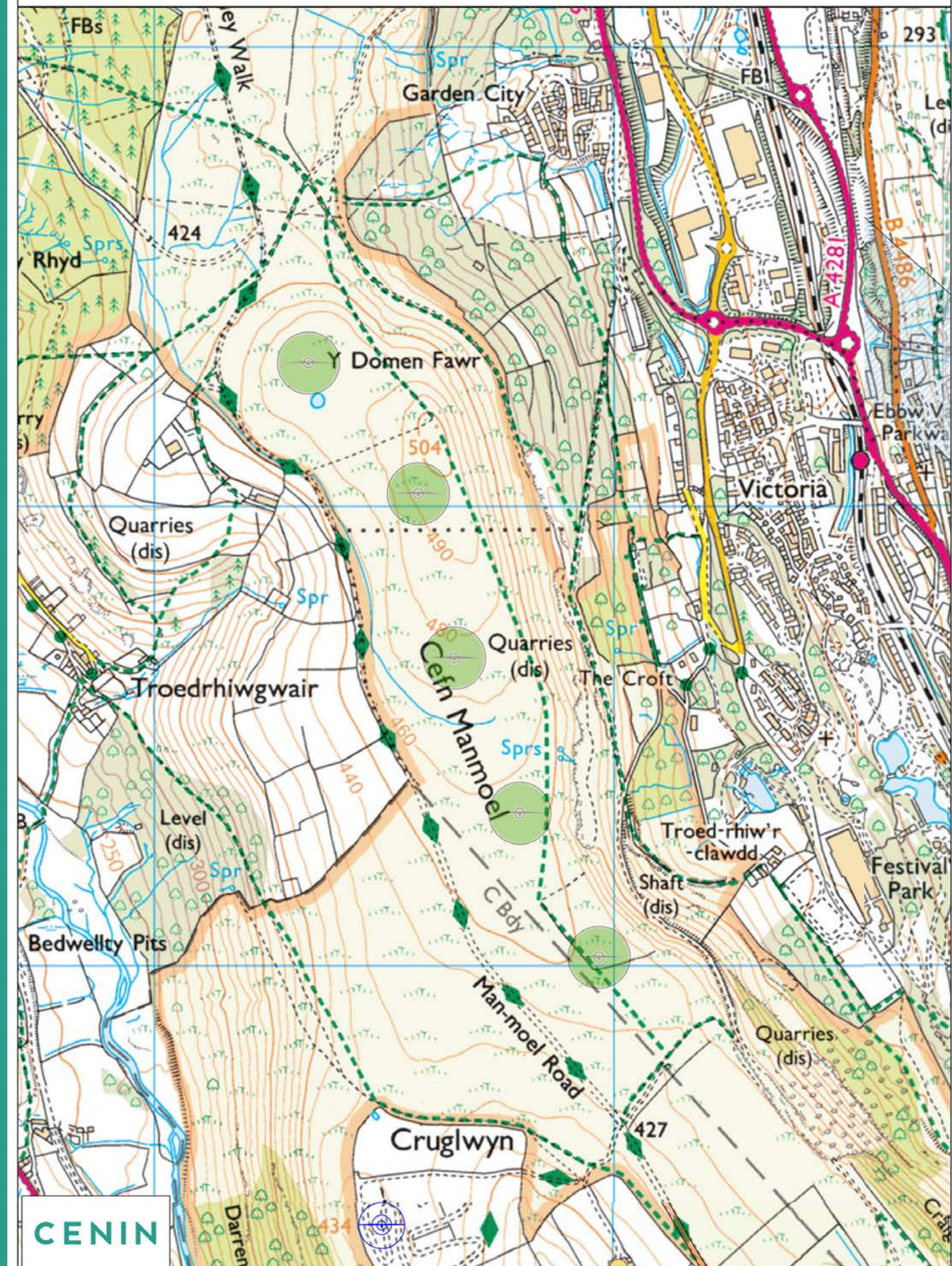


PLANNING TIMELINE



Manmoel Wind Farm Layout

Drwg: ML2-3a
March 2022



PLAN FOR COMMON EXCHANGE LAND

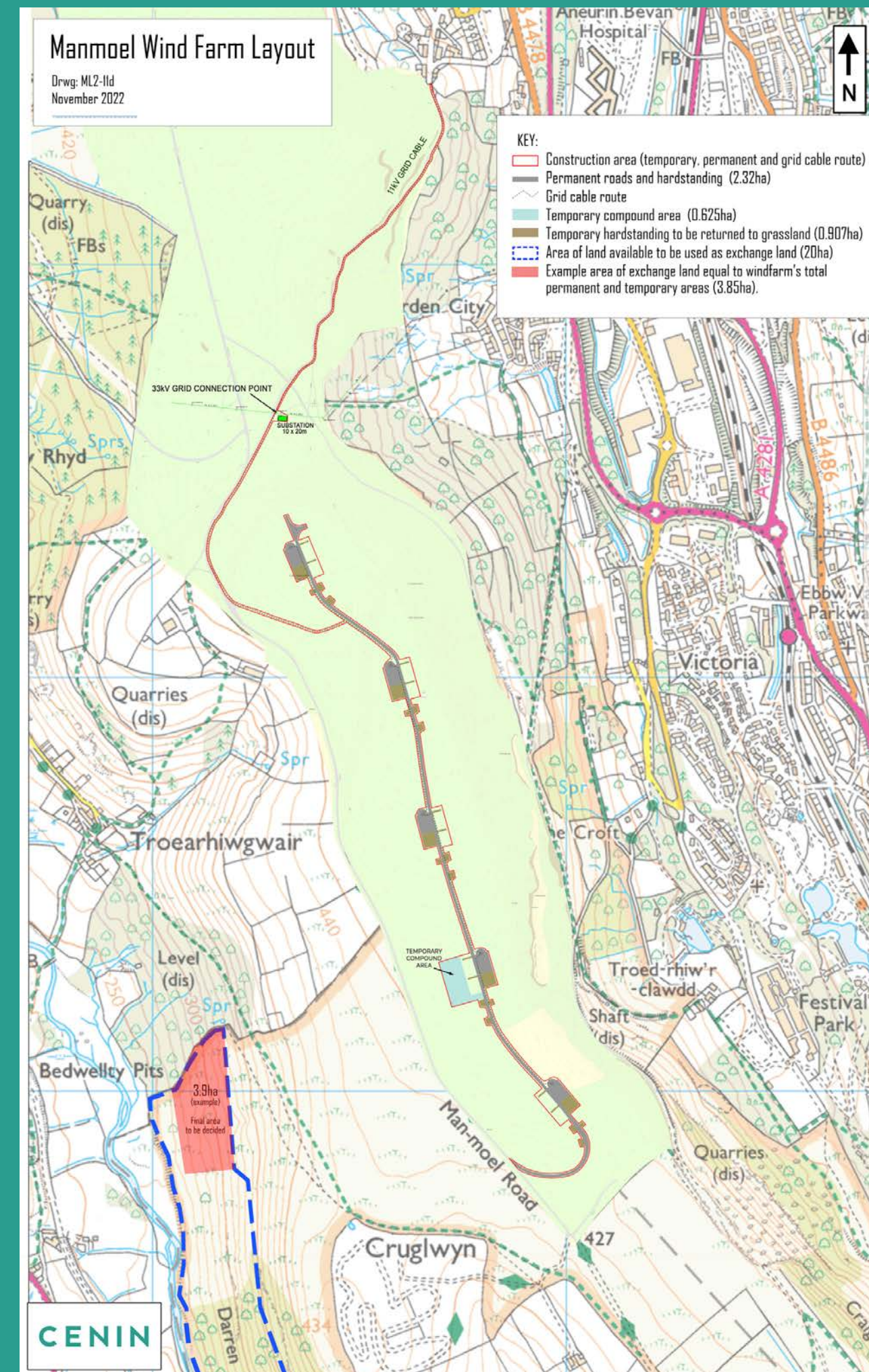
Manmoel Wind Scheme is made up of 5 wind turbines on Manmoel Common. Building on common still maintains open access to the public, however the land permanently removed from the common for example the turbine bases has to be exchanged for replacement land.

This replacement land needs to be adjoining the common and a similar agricultural quality.

This means the land for commoners and graziers remains the same size and value.

The plan shows the site layout, where wind turbines, tracks, substation and compounds will go, you can also see the land proposed for exchange to go into the common.

We have been in continual discussions with the Commoners Association through our Land Agents 'Farm Track' and will be submitting a Commons Application to Welsh Government alongside the full planning application in the first half of 2023.



EBBW VALE ENERGY HUB

Our proposed Ebbw Vale Energy Hub will be powered directly via a private wire from Manmoel Wind. This renewable energy could power rapid EV chargers to support emergency service vehicles, fleets, taxis and more throughout Blaenau Gwent. A bespoke building at the hub will attract businesses looking for green low-cost energy which will, in turn, create vital employment.



KEY CONSIDERATIONS

Whilst planning a project such as Manmoel Wind, we consider a wide range of factors and subject areas, including:



ECOLOGY AND ORNITHOLOGY

Ecology and Ornithology were both key considerations in the planning of the proposed Manmoel Wind Farm development. Natural Power has experience of the site having completed ornithology and ecology survey work for the proposed wind farm since 2019 and undertook several assessments and surveys. Survey and desk study methodologies were used during baseline ecology and ornithology surveys. Assessments followed CIEEM and other relevant guidelines, and effects were assessed as being either significant or not significant in accordance with CIEEM.



NOISE

Noise was also a key consideration and assessments were undertaken by Rappor. Rappor is an independent, multi-disciplinary infrastructure and environmental consultancy who provide pre and post planning noise services, UK-wide throughout the energy sector. The work was carried out in line with ETSU-R-97 The Assessment and Rating of Noise from Wind Farms (1996) and the associated Institute of Acoustics Good Practice Guide (2013). Baseline monitoring was undertaken, using noise-sensitive receptors at 10 noise monitoring locations.



LANDSCAPE & VISUAL IMPACT

A Landscape and Visual Impact Assessment (LVIA) was undertaken for the proposed Manmoel Wind Farm development as a key consideration. Soltys Brewster undertook the assessments and have developed, extensive experience of LVIA and visualisation production for wind farm developments across the UK and Ireland. Desk Based Assessment was undertaken in order to review current statutory and non-statutory national, regional and local landscape policies, designations and planning guidance covering the site and surrounding landscape.



SHADOW FLICKER

"Shadow flicker" is the effect caused when turbine blades cast shadows over neighbouring properties as they turn, through constrained openings such as windows. The magnitude of the shadow flicker depends on several environmental conditions coinciding at a given time, including the position and height of the sun, wind speed, wind direction, cloud cover, position of the turbine relative to a sensitive receptor, and the position of any windows together with intervening line-of-sight screening (e.g. trees or buildings).

[DOWNLOAD OUR FULL KEY CONSIDERATIONS DOCUMENT FROM THE MANMOEL WIND WEBSITE](#)

SITE VISUALS



COMMUNITY BENEFITS VIDEO



OUR COMMITMENT TO THE COMMUNITY

Thanks to the Mammoel Wind scheme, we've been delighted to be able to welcome a number of schools, local to the Manmoel area, to our Parc Stormy site where they were able to:

- go inside our sustainable eco house designed by Cardiff University
- walk through our 2,940 solar panels
- stand underneath a 100m + tall operational wind turbine
- look inside our state of the art minerals research lab
- learn how the food waste you put out each week turns into renewable electricity

All of our school tours are led by a team of sustainability experts and are relevant to the school curriculum. We have offered, and will continue to offer for the lifetime of the project, all Year 6s from the schools below the opportunity to visit Parc Stormy each year for free:

- All Saints RC Primary School
 - Beaufort Hill Primary School
 - Bryn Awel Primary School
 - Bryn Back Primary School
 - Coed y Garn Primary School
 - Cwm Primary School
 - Deighton Primary School
 - Ebbw Vale Primary
 - Ebbw Fawr Learning Community
- Glanhowy Primary School
 - Glyncoed Primary School
 - Idris Davies School
 - Phillipstown Primary School
 - Pontlottyn Primary School
 - Rhos y Fedwen Primary School
 - Roseheyworth Road Primary Campus
 - Willowstown Primary School
 - Ysgol Gymraeg Bro Helyg
 - Ystruth Primary School

On the adjacent map and table, you can see schools that have already visited and we would welcome contact from any other schools within the red circle on the map to contact us to arrange a visit. As part of our ongoing commitment, these free visits would also include complimentary transport to and from our Parc Stormy site.

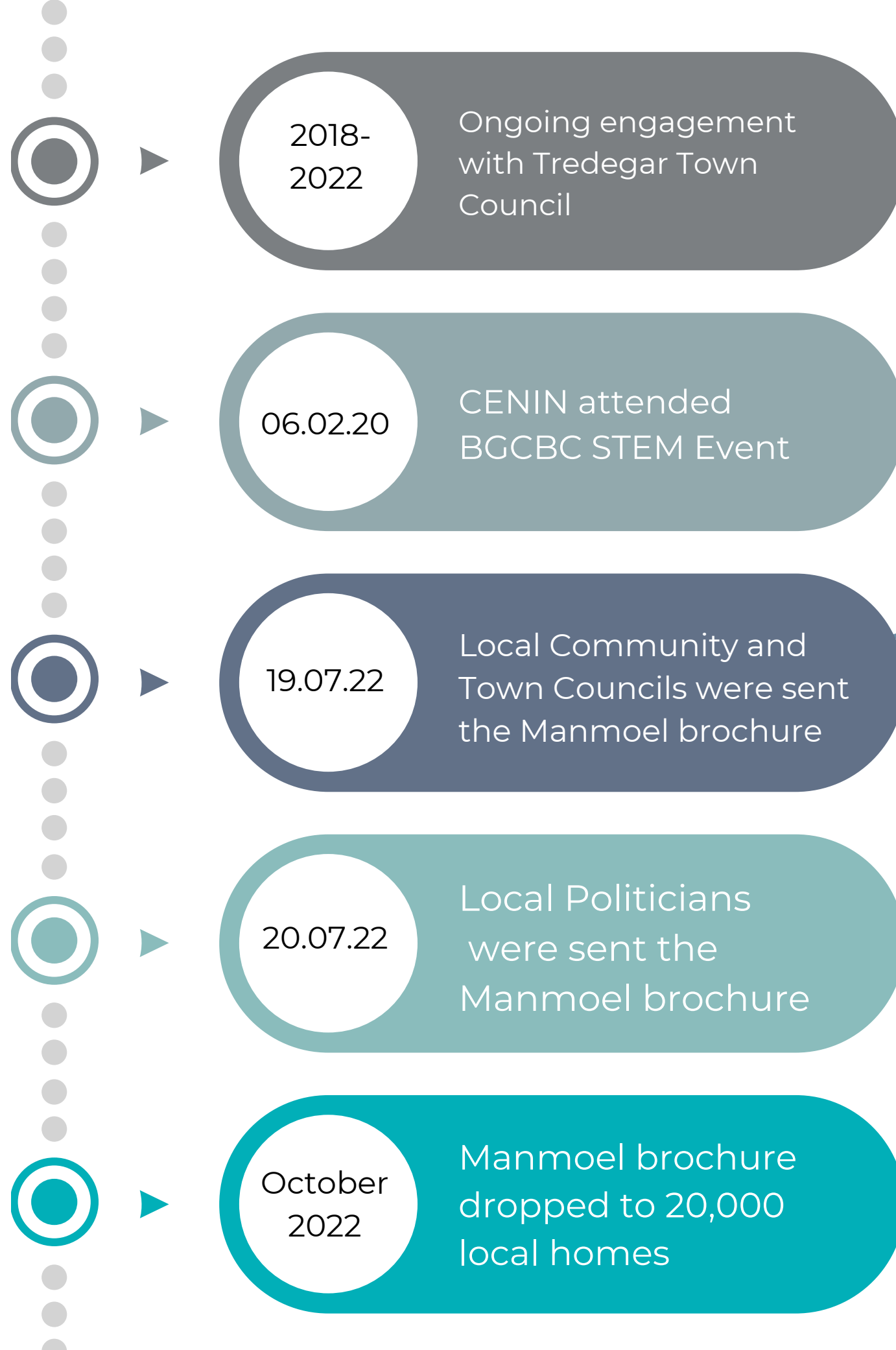


	School	Date of Visit
A	Georgetown Primary School	22.06.22, 11.10.22, 18.10.22
B	Pen y Cwm School	22.11.22
C	Markham Primary School	14.06.22
D	Tredegar Comprehensive	20.06.19
E	St. Joseph's RC Primary School	15.05.19



ENERGY TRILEMMA





- Attended Tredegar Town Council Meeting 05.12.18
- Tredegar Town Council Visited Parc Stormy – 22.02.19
- Provided Tredegar Town Council with a project update 23.11.21
- Provided Tredegar Town Council with a project update 16.03.22
- Discussed with Tredegar Town Council the best way to engage with the local community 25.05.22

- Nantyglo and Blaina Town Council
- Brynmawr Town Council
- Argoed Community Council
- Darren Valley Community Council
- New Tredegar Community Council
- Rhymney Community Council
- Bargoed Town Council
- Tredegar Town Council

DO YOU HAVE A QUESTION FOR US?

Throughout the planning process we have always welcomed open dialogue with the local community, to ensure all our plans have been properly consulted on.

Should you wish to ask us a question about the project or seek further clarification about anything in this exhibition you can submit a question to us via the link on our website.

Alternatively, you can contact:

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