



REPORT TO: NWRWTP JOINT COMMITTEE

DATE: 10th JUNE 2021

REPORT BY: CONTRACT MANAGER

SUBJECT: AREAS OF DEVELOPMENT REPORT

1. PURPOSE OF REPORT

- 1.1. To provide the Joint Committee with a summary on progress on the various areas of development related to the Parc Adfer facility.

2. BACKGROUND

- 2.1. There are several areas of development related to Parc Adfer where work is currently on going, which are summarised in this report.

3. CONSIDERATIONS

Utilisation of Heat from Parc Adfer

- 3.1. Energy from Waste facilities such as Parc Adfer produce electricity which is exported to the National Grid. They also produce heat as a by-product of the process (in the form of steam / hot water), which, under the right circumstances, can be utilised to heat nearby buildings. Facilities that provide this heat are often referred to as Combined Heat and Power (CHP) facilities. When such systems can be put in place, they can increase the efficiency of the plants, as well as providing low carbon energy for the nearby heat customers and therefore, in turn, provide environmental and some potential economic benefits.
- 3.2. There are, however, many challenges for the successful implementation of such schemes, both in technical / practical terms and also in commercial / financial terms and as a result they have historically been very difficult to implement in the UK.
- 3.3. Both Parc Adfer's operators, Enfinum (formerly Wheelabrator Technologies Inc (WTI)) and the Partnership have been supportive of investigating the opportunities of utilising the heat from Parc Adfer, and have been working in partnership on the issue. The Partnership commissioned specialist advisors to investigate the possibility of the use of heat during the procurement process of the Parc Adfer contract.



- 3.4. Since Parc Adfer became operational, Flintshire County Council, as lead authority, were successful in securing funding from the Heat Network Distribution Unit (HNDU) of the Department of Business, Energy and Industrial Strategy (BEIS). The purpose of the funding was to secure specialist consultants to investigate the possibility of the use of heat from Parc Adfer (taking into account the findings of the historical report referred to above).
- 3.5. The procurement process for the appointment of the advisors will start in June 2021, with the work to begin later in the summer of 2021. Enfinium have also committed to not only work with the consultants but also providing internal resources to the project.
- 3.6. Whilst there are significant challenges in relation to developing a successful heat network, it is clear that the drive and commitment is present with all parties to give the project its best chance of success.

Developments with Deeside Industrial Park – Deeside Parkway Rail Station and Deeside Hydrogen Hub

- 3.7. The Welsh Government (WG) are in the process of developing a new railway station in Deeside Industrial Park on the Wrexham – Bidston rail line. The new station would enable employees to get to the Deeside Industrial Park by train and at the same time provide easy access from the network of dual carriageways to park and ride facilities for rail services to Birkenhead, Liverpool, Wrexham and beyond.
- 3.8. The location of the site is adjacent to the Parc Adfer site just to the North, and team behind it have started discussions with Enfinium in relation to the development. Enfinium have stated their willingness to work proactively with the developers given its close proximity to the Parc Adfer site.
- 3.9. Another development in Deeside Industrial Park is a project for the development of a hydrogen hub. This project is part of the work of the North Wales Economic Ambition Board, and using funds from the Growth Deal to drive the project forward.
- 3.10. As with the Deeside Parkway rail station, Enfinium have been engaged by the project's leaders, and have again stated their willingness to work proactively with the developers, including any potential role Parc Adfer may be able to play as part of the Hydrogen Hub.

Environmental Improvements at Parc Adfer

- 3.11. As noted above, Enfinium has made clear their commitment to improving the efficiency and environmental performance of all their UK Energy from Waste facilities, including Parc Adfer. As well as working positively on all the above projects, they have stated that they are investing in the resources to achieve those aims, and are developing medium and longer term plans. New and innovative technologies and developments are being considered such as carbon capture.



Visitor Centre and Educational Programme

3.12. Joint Committee Members will be aware that the creation of a fully interactive, modern and innovative Visitor Centre was part of the development of the Parc Adfer site. Whilst the Visitor Centre was completed as part of the build in December 2019, it has been unable to be utilised as intended due to the Covid-19 pandemic in early 2020.

3.13. The Contract Manager has started planning the development of a range of educational materials for the Visitor Centre and planning for the re-opening of the visitor centre when restrictions allow. This will mean working with various stakeholders including the Education Department of Flintshire County Council, the partner authorities, Enfinium and Parc Adfer itself as well as other relevant stakeholders.

Parc Adfer Community Recovery Fund

3.14. As part of the procurement process of the Parc Adfer project it was agreed that a Community Benefit Fund (CBF) would be set up. It is not unusual for community benefit schemes to be introduced in conjunction with large high-profile developments.

3.15. The Fund was approved by this Joint Committee and all five partner authorities during the approval of WTI as the Preferred Bidder in early 2014, with the purpose of supporting environmentally beneficial projects in the locality of the site in Flintshire.

3.16. Due to the impact of the Covid-19 pandemic as the CBF was in the late stage of development, it was decided in late summer 2020 to utilise the CBF funds for a Parc Adfer Community Recovery Fund (CRF). It was launched in late 2020.

3.17. The Parc Adfer Community Recovery Fund is a short term interim fund to help local organisations support the community through the challenges faced as a result of the Covid-19 pandemic. The Fund will run until autumn 2021, when the main, long term Parc Adfer Community Benefit Fund will become live.

3.18. Organisations that can apply must all be based or serve residents/communities within the Deeside Partnership Area (close to the Parc Adfer site). Groups must also be not for profit groups, community or voluntary organisations, community and social enterprises (e.g. co-operatives, development trusts); or local charities based within the defined Deeside Partnership Area

3.19. There are seven main activities that the Parc Adfer CRF can support, which are outlined below:-

1. Co-fund minor building works for the safe re-opening of community buildings;
2. Co-fund equipment purchase for the safe-reopening of community building and services;
3. Co-fund community activities to support vulnerable groups;
4. Support the development costs of a new community organisation;
5. Support volunteering activities which will aid community recovery;



6. Co-fund local environmental schemes which promote public access to and use of the open space for health and well-being;
7. Compensate for the loss of income during the lockdown period

A table summarising the projects funded by the CRF is provided in Appendix 3 below.

4. RECOMMENDATIONS

- 4.1. The Joint Committee is asked to:-
 1. Note the content of the report.
 2. Provide support if necessary for the developments outlined above.

5. FINANCIAL IMPLICATIONS

- 5.1. As outlined within this report.

6. ANTI-POVERTY IMPACT

N/A

7. ENVIRONMENTAL IMPACT

The environmental impact of the Parc Adfer facility has previously been reported to the Joint Committee.

8. EQUALITIES IMPACT

N/A

9. PERSONNEL IMPLICATIONS

- 9.1. As described in the body of this report

10. CONSULTATION REQUIRED

None.

11. CONSULTATION UNDERTAKEN

- 11.1. As outlined in the report.

LOCAL GOVERNMENT ACCESS TO INFORMATION ACT 1985

Background Documents:

None

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North Wales Residual Waste Treatment Project

Appendix 3 – summary of projects funded by the Parc Adfer Community Recovery Fund

Applicant	Type of organisation	Project Title	Summary of project / use of funds	Grant Amount
Ysgol Bryn Deva - Foyle Library Scheme	School	Foundation Phase Playground Development	Purchase of Galleon ship for school playground to support outdoor learning	£ 10,000
Enbarr Foundation CIC	Company Limited by Share or Guarantee	Beacon of Hope	Re-establish the John Summers Steel works historic Victorian gardens & surrounding site into a sustainable wild meadow, gardens, wetlands and woodland. Key aspects:- <ul style="list-style-type: none"> • Soak away & restore pathways. • drinking water fountains • equipment for clearing Invasive species • Biodiversity Equipment – Beehives, Rainwater Butts, animal Habitats and Boxes, Plants and Seeds and new trees 	£ 6,961.84
Ysgol Tŷ Ffynnon	"Other - Playgroup within school hall being established"	Tŷ Ffynnon Playgroup	Purchase of age appropriate resources for two year old children, both indoor and outdoor:- <ul style="list-style-type: none"> • Storage facilities eg. Shed & cupboards. • Wipe clean cushioned seating that can be used indoor & outdoor. • Work tables and seats at appropriate age and height. • Trikes and bikes for outdoor use. • Exploration resources indoors eg. Small world, Duplo, jigsaws and water etc. 	£ 4,997.90



Queensferry War Memorial Institute	Registered Charity	N/A	Allow the Institute to continue operating at its present level - provide a financial cushion enabling the Institute to continue providing a venue for community use. To offset the fixed costs of running the building in these times of reduced income. Notably the building insurance and liability cover.	£ 1,079
North East Wales Care & Repair Ltd	Company Limited by Share or Guarantee - "Charitable Community Benefit Society"	A Place for You	<p>The wider aim is to develop the 35-acre site, including sports fields and the adjoining Dee Park and woodland to provide a community hub for Deeside that C&R call 'A Place For You'. The ambition is to provide an exemplar community health and wellbeing and education location with accessible activities for all on our new 35-acre site. The site is located on the River Dee coastal path.</p> <p>C&R want to develop an education package that engages with local schools and sports groups. They have indicated the need to create an online presence with functionality that will allow us to educate, engage, inform and involve a wide range of people that includes schools, community groups and residents of Flintshire about the regeneration the site and increasing function of a 'A Place for You'.</p>	£ 6,750
Deeside Community Trust	Registered Charity	Green Space Hub	Purchase of 5m octagonal outdoor gazebo / shelter, ramp and handrail that will become a permanent part of the land.	£ 7,700
Connah's Quay Town FC	Other - "grass roots football club"	Dock Road Project - Barriers	Pitch barrier installation to meet football governing body's criteria	£ 2,025



Can Cook/Well Fed	Company Limited by Share or Guarantee - "also sits within a groups structure that has a charitable status"	Well-Fed at Home Meal Box Service	Delivered box meals to vulnerable (elderly and school children inc pre school) - 100% of grant will be used for food. Other costs will be met by CC/WF	£ 10,000
Groundwork North Wales	Registered Charity	Love your Space	Provide support with gardening tasks to vulnerable people in the Deeside area. Beneficiaries are likely to mainly be people who are older or have disabilities/health conditions, including those on low incomes. Tasks which we will support with could include grass cutting, trimming back overgrown shrubs, weeding, and general tidying/simple repairs. This project will take place over May-August 2021 so that people can enjoy their gardens over the summer. The beneficiaries will be people who could not otherwise afford gardening services, cannot maintain their gardens themselves due to age or health reasons, and/or have no family or friends who can help. We will use our links with housing associations and other local partners to identify and take referrals of clients who need support	£ 5,000



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<p>Cambrian Aquatics</p>	<p>Company Limited by Guarantee</p>	<p>More Changing Rooms</p>	<p>Cambrian Aquatics Ltd requires more changing room to improve social distancing and to enable more customers to use the centre following easing of the COVID-19 lockdown restrictions. After the previous lockdown they reopened but were only able to allow 15 customers through their one-way system for each session. They are hoping with the extra changing rooms they can slowly increase the number of customers back into the centre safely.</p>	<p>£5,896.80</p>
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