

Public Document Pack



Gareth Owens LL.B Barrister/Bargyfreithiwr
Head of Legal and Democratic Services
Pennaeth Gwasanaethau Cyfreithiol a Democraidd

To:

Councillors: Gwyneth Ellis, Dave Healey,
Dave Hughes, Barry Mellor, Dafydd Meurig, Nicola
Roberts, Geoff Stewart, Dafydd Rhys Thomas and
Dafydd Wyn Williams

CS/NG

Tuesday 24th October, 2023

Nicola Gittins 01352 702345
nicola.gittins@flintshire.gov.uk

Dear Sir / Madam

A meeting of the **NORTH WALES RESIDUAL WASTE JOINT COMMITTEE** will be held in the **VENUE CYMRU, LLANDUDNO** on **MONDAY, 30TH OCTOBER, 2023** at **2.00 PM** to consider the following items.

Yours faithfully

Steven Goodrum
Democratic Services Manager

AGENDA

- 1 **APOLOGIES**
- 2 **DECLARATION OF INTEREST**
- 3 **APPOINTMENT OF CHAIR AND VICE CHAIR TO THE JOINT COMMITTEE**
- 4 **APPROVAL OF PREVIOUS MINUTES** (Pages 3 - 6)

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The Council welcomes correspondence in Welsh or English
Mae'r Cyngor yn croesawau gohebiaeth yn y Cymraeg neu'r Saesneg

5 **MATTERS ARISING FROM PREVIOUS MEETING**

6 **SERVICES UPDATE REPORT** (Pages 7 - 20)

To update Members on the operational aspects of the Parc Adfer contract.

7 **CARBON CAPTURE PROJECT REPORT** (Pages 21 - 30)

To inform Members on the developments relating to Carbon Capture, presentation to be given by enfinium.

**LOCAL GOVERNMENT (ACCESS TO INFORMATION) ACT 1985 - TO
CONSIDER THE EXCLUSION OF THE PRESS AND PUBLIC**

The following item is considered to be exempt by virtue of Paragraph(s) 14 of Part 1 of Schedule 12A of the Local Government Act 1972 (as amended).

The reports contain details relating to the financial affairs of the 5 councils. Those details are commercially sensitive and the public interest in protecting that commercial position outweighs the public interest in revealing the information during the lifetime of the contract.

8 **COMMERCIAL ITEMS** (Pages 31 - 36)

To update Members on the commercial, legal and contractual aspects of the Parc Adfer contract.

9 **ANY OTHER BUSINESS**



NORTH WALES RESIDUAL WASTE JOINT COMMITTEE

Thursday, 3rd November 2022 at 10.30am via Zoom video conferencing

Present:

Cllr Barry Mellor	Denbighshire County Council
Cllr Gwyneth Ellis	Denbighshire County Council
Cllr Geoff Stewart	Conwy County Borough Council
Cllr David Healey	Flintshire County Council
Cllr Dave Hughes	Flintshire County Council
Cllr Dafydd Rhys Thomas	Isle of Anglesey County Council
Cllr Nicola Roberts	Isle of Anglesey County Council
Cllr Dafydd Meurig	Gwynedd Council

Also Present:

Sharon Thomas (host)
Gwawr D - Cyfieithu (interpreter)
Alasdair C Grainger (Grant Thornton)
Laura Whiteway-Bell (Pinsent Mason)
John Bruce (Pinsent Mason)

Flintshire County Council

Neal Cockerton (Chief Executive)
Gareth Owens (Chief Officer (Governance))
Katie Wilby (Chief Officer (Streetscene and Transportation))
Tina Roberts (Project Accountant)
Gill Ainscow (Parc Adfer Administrative Officer)
Marlena Masel (Principal Accountant)

Denbighshire County Council

Jamie Lees (Waste and Recycling Manager)
Tony Ward (Corporate Director of Environment & Economy)

Conwy County Borough Council

Andrew Wilkinson (Head of Neighbourhood Services)

Gwynedd Council

Dafydd Wyn Williams (Head of Environment Department)

Isle of Anglesey County Council

Meirion Edwards (Chief Waste Management Officer)

North Wales Residual Waste Treatment Project

Steffan R Owen (Regional Contract Manager)

1. Apologies

Cllr Mike Priestly (Conwy County Borough Council)

2. Declarations of Interest

No declarations of interest were raised

3. Approval of Previous Minutes

The minutes of the meeting of the North Wales Residual Waste Joint Committee held on 10th October 2022 were submitted for approval, which were accepted and seconded by members.

Actions:

- a. SRO confirmed that the actions on the visitor centre and education suite were being taken forward and that progress was being made with the community benefit fund
- b. In response to questions, TR advised that the balance for the Community Benefit Fund is currently just over £500k

4. Appointment of Chair and Vice Chair

Councillor Dave Hughes (Flintshire County Council) was nominated and seconded to preside for the purposes of this meeting, which was supported by the Joint Committee.

Resolution under Paragraph 14 Schedule 12A Local Government Act 1972 to exclude the press and public

5. Commercial Items (pages 7 – 20)

The main purpose of the meeting was to provide the Joint Committee with the full background to and details of the commercial proposals received from Enfinium, noting that the previous meeting held on 10th October 2022 was not quorate, and therefore no recommendations could be formally approved at the previous meeting. At that meeting, the need for a second meeting was discussed and agreed, hence this meeting on 3rd November 2022.

SRO updated the Committee and outlined the latest position and went through the papers as issued.

A detailed discussion on the proposals followed, including input from the Partnership's legal and financial advisors.

Resolved:

- a) That delegated authority be granted subject to a lower limit***
- b) That the Joint Committee have sight of a written report (not a JC meeting) before signing.***
- c) That the mechanism for the proposals be subject to a later decision by the Joint Committee and shared in accordance with Inter- Authority Agreement.***

6. Any Other Business

SRO provided an update on the recently launched Community Benefit Fund:

1. Successful Meet the Funder event held on 24.10.2022
2. 13 application packs sent out following enquiries
3. 1 completed application received to date

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REPORT TO: **NWRWTP JOINT COMMITTEE**

DATE: **30th OCTOBER 2023**

REPORT BY: **CONTRACT MANAGER**

SUBJECT: **SERVICES UPDATE REPORT**

1. PURPOSE OF REPORT

- 1.1. To update the Joint Committee on progress on the operational aspects at Parc Adfer.

2. BACKGROUND

- 2.1. Parc Adfer has been fully operational for close to 4 years and has reached a settled operational status. Operational procedures and communication between Parc Adfer's operators, enfinium, and the Partnership are working well with no disruptions to Partner Authority waste deliveries.
- 2.2. This report provides a summary of the operational performance of Services at Parc Adfer for the Services period.

3. CONSIDERATIONS

Operations

- 3.1. Since the last Joint Committee meeting in November 2022, services have continued uninterrupted with no disruptions to authority deliveries, including during the annual maintenance shutdown in June 2023. The annual maintenance shutdown is a two week period in June each year where the plant shuts down and stops processing waste, allowing essential maintenance on the plant to take place. Partner Authority waste is continually accepted during this period.
- 3.2. The operational and communication processes and protocols between the Lead Authority (Flintshire County Council) and enfinium continue to work effectively.
- 3.3. The plant also continues to perform very well in terms of its efficiency and environmental management, including emissions. The plant has continued to operate within it's Environmental Permit as issued and regulated by Natural Resources Wales. Emissions levels have been well below permitted levels (see paras 3.6 – 3.8 below for further detail).



Tonnage throughput

- 3.4. It has been reported to previous Joint Committee meetings that since the Covid-19 pandemic resulted in and increase in tonnages from the Partner Authorities from pre-pandemic levels. The 2022/23 year saw tonnages reduce from those higher levels, with tonnages for 2023/24 tracking at those similar, lower, levels so far.
- 3.5. Tables and graphs showing the comparative monthly tonnage throughput into Parc Adfer are attached in Appendix 1 below.

Environmental Permit and emissions Monitoring

- 3.6. As has been previously reported to the Joint Committee, the monitoring of emissions from any Energy from Waste facility is a critical part of its operation and compliance with the relevant environmental permit, as issued by Natural Resources Wales (NRW) in Wales. There are stringent regulations in place for the monitoring and the levels of all emissions which plant operators must comply with, including new, lower, emissions standards that must now apply going forward.
- 3.7. Parc Adfer has continued to operate within its environmental permit and has consistently demonstrated that it is operating to the highest possible and most modern monitoring and emissions standards.
- 3.8. In December 2022, Natural Resources Wales approved a revised environmental permit, which included updates related to new emissions standards as well as an increase in the permitted throughput in the tonnage from 200,000 tonnes per annum to 232,000 per annum. This brings the permit in line with the Planning Permission capacity of 232,000 that was amended in April 2021. It should be noted, however, that this capacity is a theoretical maximum that is unlikely to ever be reached in reality. Parc Adfer is currently operating at around the 200,000 tonnes per annum, and this it is not anticipated that this is likely to change significantly in the near future.

Other operational matters

- 3.9. As noted in 3.1 above, waste deliveries have continued to site with no significant or recurring or recurring issues, with the site performing within its required parameters. Turnaround Times of vehicles on site have been well below contractual limits throughout the period. For the avoidance of doubt, Turnaround Times refers to the length of time it takes for the vehicles delivering waste to weigh on the weighbridge going into the site, discharge their loads in the waste bunker and get on the “out” weighbridge to leave site. It is a measure of the time it takes the vehicles to empty their loads on site. This is measured using data directly from the weighbridge system on site.
- 3.10. In addition to Turnaround Times, another measure that is important is “Queueing Times”. This is a measure of how long vehicles are waiting on site before being allowed over the weighbridge to unload. The Partnership and enfinium are now monitoring this metric for Refuse Collection Vehicles and are planning on



undertaking a trial of measuring the queueing times of the bulker vehicles (larger articulated heavy goods vehicles that haul waste from Anglesey, Gwynedd, Conwy and Denbighshire to Parc Adfer. The Queueing Times are measured using a GPS tracking system on the vehicles, where a “geofence” zone has been set up in the system to measure how long each vehicle has been within that zone. This zone covers from the site entrance to the start of the “in” weighbridge.

3.11. Together, the Turnaround Times and the Queueing Times provide a full picture of how long it takes vehicles to arrive on site, deposit their loads and leave site. These are both important operational metrics for the Partnership, the hauliers and enfinium.

Recycling and waste diversion performance

3.12. Parc Adfer contributes to the Partner Authorities’ recycling and landfill diversion figures through the recycling Incinerator Bottom Ash (IBA), which includes metals. For the year 2022/23, the overall recycling level achieved was 21.3%, which is entirely in line with expectations. For the 2023/24 year to date, the levels are 23.1%, again entirely in line with expectations, and previously reported these figures contribute approximately 7% to the partner authorities’ recycling levels.

Heat Study

3.13. It was reported to the Joint Committee that the Partnership were successful in being awarded a grant from the Heat Network Delivery Unit (HNDU) of the Department for Business, Energy and Industrial Strategy (BEIS) of the Westminster Government for specialist consultants to carry out a study into the use of heat from Parc Adfer for nearby buildings within Deeside Industrial Park.

3.14. The objective of the study is to verify whether a heat offtake arrangement for Parc Adfer is environmentally beneficial and theoretically possible, based on an assessment of likely user demand, offtake revenues, capital expenditure and operational. Following a tender process, Ramboll UK Ltd were commissioned to undertake the study.

3.15. The study is split into two phases. The first phase would conclude by setting out where certain options would be impractical or unachievable and ranking any remaining options based on economics and environmental benefit. The second part of the study - the feasibility stage - would only proceed if the above indicates that there is one or more viable opportunities to be pursued. These are outlined below:-

- Work Package 1 (WP1) – Energy Mapping and Masterplan study
- Work Package 1 (WP2) – Detailed Techno-Economic Feasibility Assessment of Recommended Scenarios

3.16. Ramboll completed Phase 1 of the study in January 2023, which was reported to the Project Board. The study identified 3 scenarios that could be investigated further in WP2. The scenario that was determined as the recommended scenario to be investigated further and optimised as part of WP2 (Detailed Techno-Economic analysis) included potential heat users to the North of the River Dee (Deeside



Industrial Park), as well as in the south of the River Dee (some public buildings, Deeside College etc).

- 3.17. Ramboll have begun the second phase of the study (WP2), and are at the information gathering stage. The outcome of WP2 will be reported to the Joint Committee at a future meeting.

Education and Visitor Centre

3.18. Due to unforeseen issues, the tender process for the education programme was delayed earlier in 2023, however this has now been restarted. The tender is for:-

- A comprehensive education programme that not only outlines Parc Adfer itself and Energy from Waste, but where that sits within the waste hierarchy;
- Educational materials to support site visits, and to support schools across the Partnership if they are unable to visit the site;
- Interactive on-line content to support the education programme.

3.19. Progress on the development of the education programme will reported to the Joint Committee.

3.20. Site visits to Parc Adfer have now also been restarted, with several visits by groups and some “test” visits by a small number schools over the next few months.

Operational Summary

3.21. In summary, operations and performance at Parc Adfer have continued to do well, despite the on-going Covid pandemic. There have been no disruptions to Partner Authority deliveries, low overall turnaround times with minimal delays to deliveries, emission levels have been well below permitted levels and other performance measures have been good.

Joint Committee Annual Return for 2022-23

3.22. The Joint Committee is classed as a smaller relevant body as its gross income and expenditure is less than £2.5m in the year of account. The type of accounts that a smaller body is required to produce is an Annual Return provided by the Wales Audit Office.

3.23. The Annual Return must be signed by the Responsible Finance Officer and approved by the Joint Committee, due to timing of this annual meeting, approval was provided by Katie Wilby on behalf of the Joint Committee to meet audit commencement dates.

3.24. The Annual Return for 2022/23 is available in Appendix 2 for members information. The expenditure, as in previous years, is minimal however due to statutory requirements the return must be produced.



4. RECOMMENDATIONS

- 4.1. The Joint Committee is asked to:-
- Note the content of the report.

5. FINANCIAL IMPLICATIONS

- 5.1. N/A

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

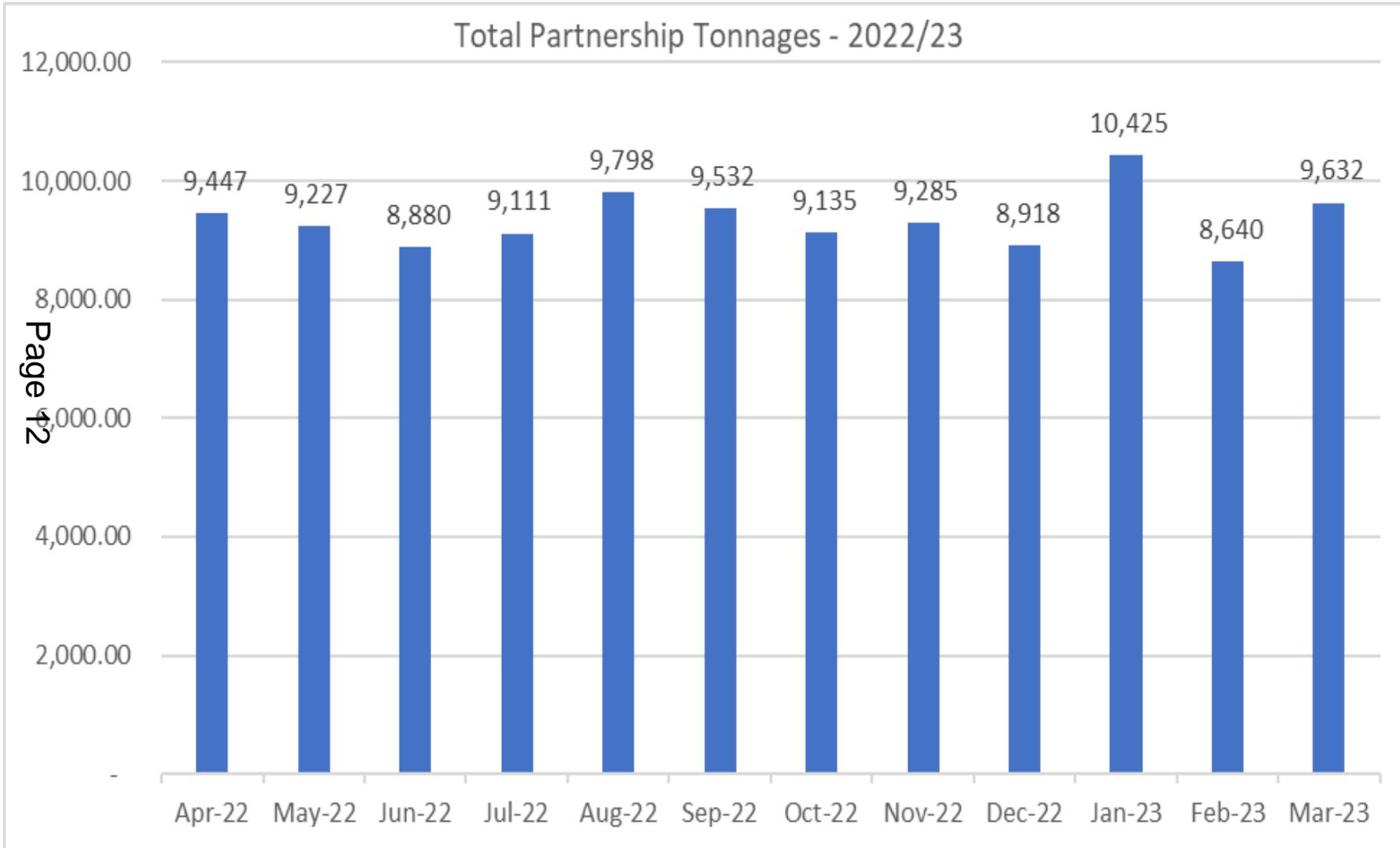
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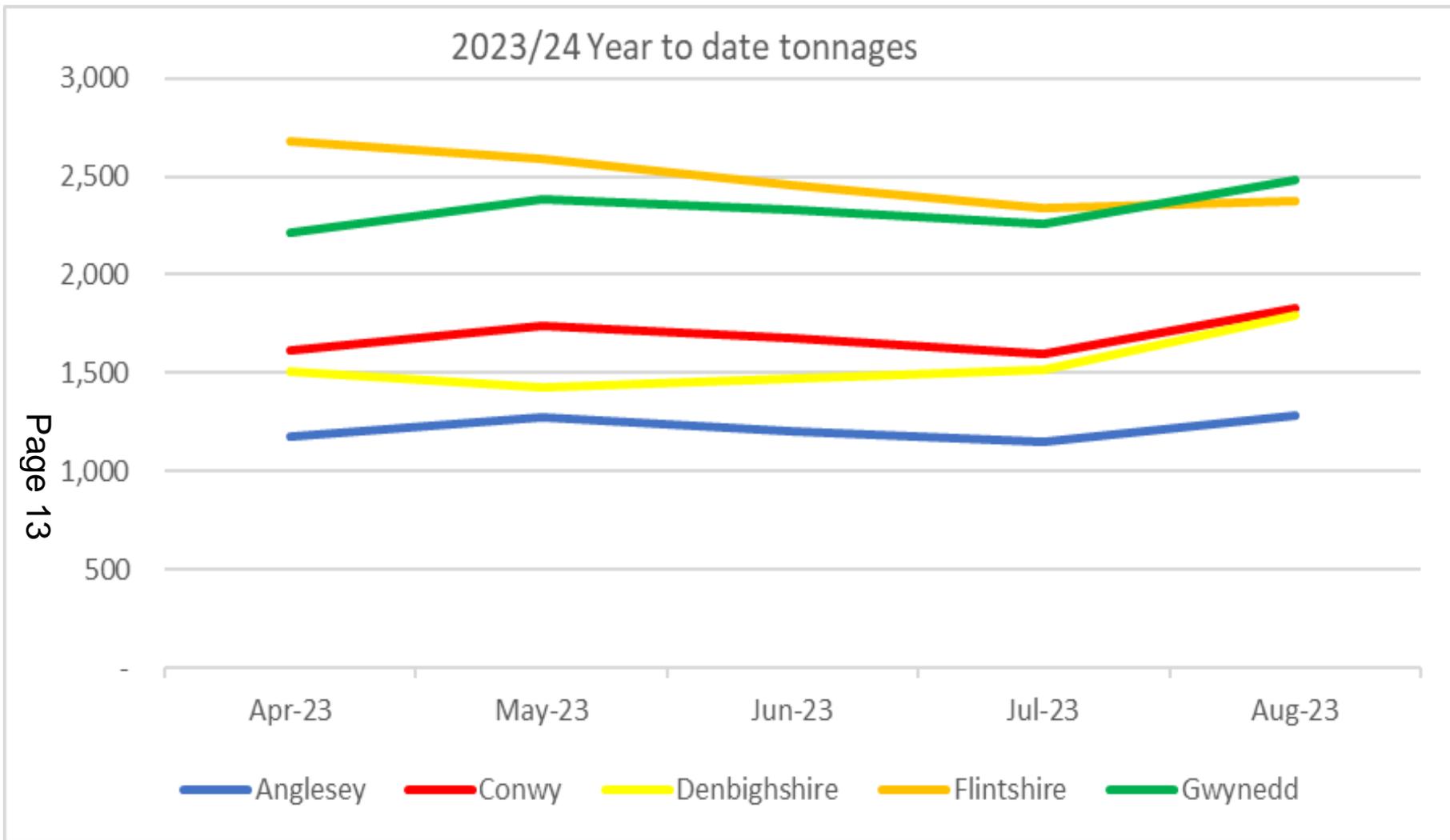
None

Contact Officer: Steffan Owen
Regional Contract Manager
Steffan.r.owen@flintshire.gov.uk

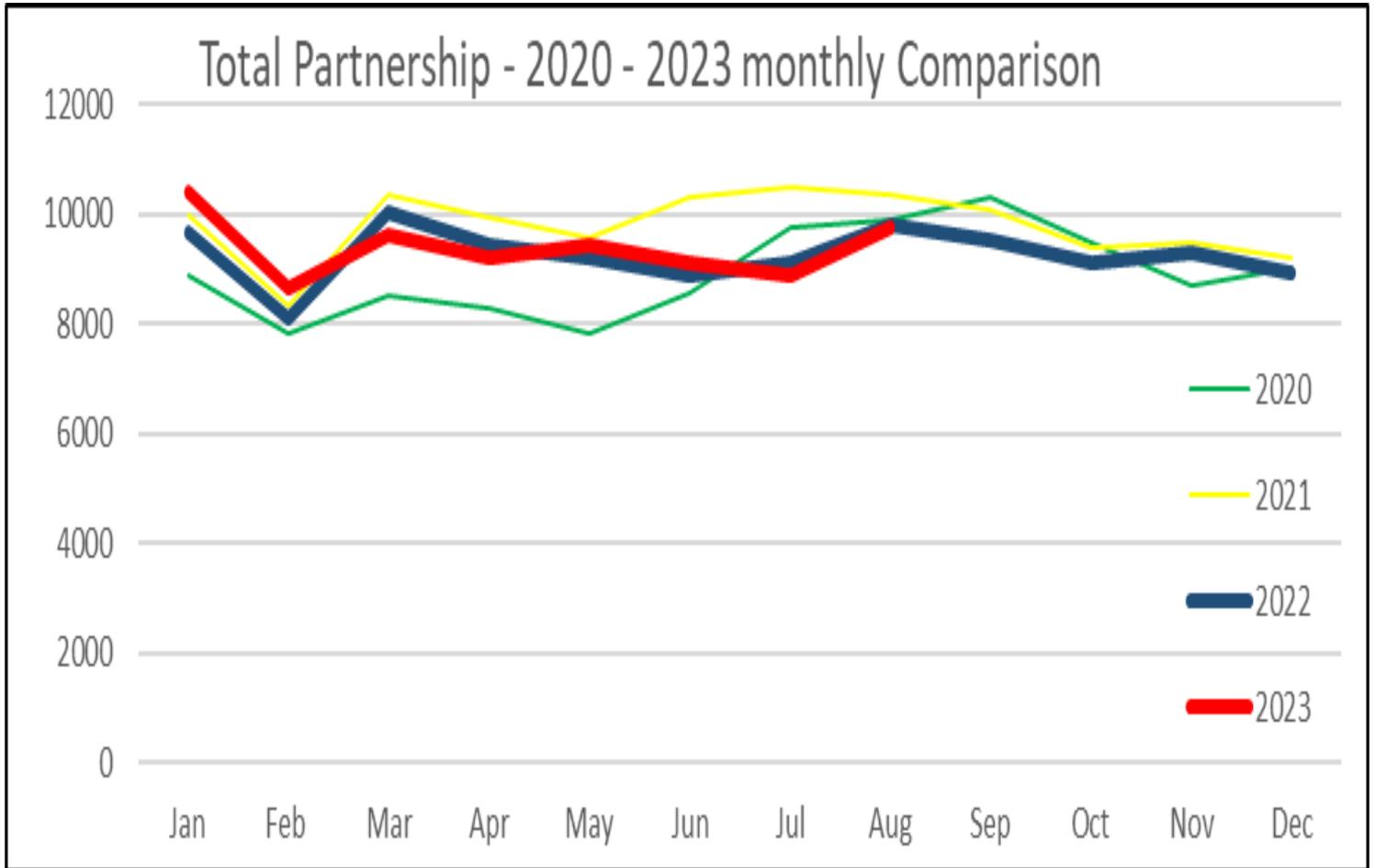


Appendix 1 – NWRWTP Partnership Tonnage inputs into Parc Adfer





2020 – 2023 Monthly Comparison



Minor Joint Committees in Wales

Annual Return for the Year Ended 31 March 2023

Accounting statements 2022-23 for:

Name of body: NORTH WALES RESIDUAL WASTE JOINT COMMITTEE

	Year ending		Notes and guidance for compilers
	31 March 2022 (£)	31 March 2023 (£)	Please round all figures to nearest £. Do not leave any boxes blank and report £0 or nil balances. All figures must agree to the underlying financial records for the relevant year.
Statement of income and expenditure/receipts and payments			
1. Balances brought forward	0	0	Total balances and reserves at the beginning of the year as recorded in the financial records. Must agree to line 7 of the previous year.
2. (+) Income from local taxation/levy	0	0	Total amount of income received/receivable in the year from local taxation (precept) or levy/contribution from principal bodies.
3. (+) Total other receipts	1,599	277	Total income or receipts recorded in the cashbook minus amounts included in line 2. Includes support, discretionary and revenue grants.
4. (-) Staff costs	0	0	Total expenditure or payments made to and on behalf of all employees. Include salaries and wages, PAYE and NI (employees and employers), pension contributions and related expenses eg termination costs.
5. (-) Loan interest/capital repayments	0	0	Total expenditure or payments of capital and interest made during the year on external borrowing (if any).
6. (-) Total other payments	1,599	277	Total expenditure or payments as recorded in the cashbook minus staff costs (line 4) and loan interest/capital repayments (line 5).
7. (=) Balances carried forward	0	0	Total balances and reserves at the end of the year. Must equal $(1+2+3) - (4+5+6)$.
Statement of balances			
8. (+) Debtors	920	550	Income and expenditure accounts only: Enter the value of debts owed to the body.
9. (+) Total cash and investments	0	0	All accounts: The sum of all current and deposit bank accounts, cash holdings and investments held at 31 March. This must agree with the reconciled cashbook balance as per the bank reconciliation.
10. (-) Creditors	920	550	Income and expenditure accounts only: Enter the value of monies owed by the body (except borrowing) at the year-end.
11. (=) Balances carried forward	0	0	Total balances should equal line 7 above: Enter the total of $(8+9-10)$.
12. Total fixed assets and long-term assets	0	0	The asset and investment register value of all fixed assets and any other long-term assets held as at 31 March.
13. Total borrowing	0	0	The outstanding capital balance as at 31 March of all loans from third parties (including PWLB).

Annual Governance Statement

We acknowledge as the members of the Committee, our responsibility for ensuring that there is a sound system of internal control, including the preparation of the accounting statements. We confirm, to the best of our knowledge and belief, with respect to the accounting statements for the year ended 31 March 2023, that:

	Agreed?		'YES' means that the Council/Board/Committee:	PG Ref
	Yes	No*		
<p>1. We have put in place arrangements for:</p> <ul style="list-style-type: none"> effective financial management during the year; and the preparation and approval of the accounting statements. 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Properly sets its budget and manages its money and prepares and approves its accounting statements as prescribed by law.	6, 12
<p>2. We have maintained an adequate system of internal control, including measures designed to prevent and detect fraud and corruption, and reviewed its effectiveness.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Made proper arrangements and accepted responsibility for safeguarding the public money and resources in its charge.	6, 7
<p>3. We have taken all reasonable steps to assure ourselves that there are no matters of actual or potential non-compliance with laws, regulations and codes of practice that could have a significant financial effect on the ability of the Committee to conduct its business or on its finances.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Has only done things that it has the legal power to do and has conformed to codes of practice and standards in the way it has done so.	6
<p>4. We have provided proper opportunity for the exercise of electors' rights in accordance with the requirements of the Accounts and Audit (Wales) Regulations 2014.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Has given all persons interested the opportunity to inspect the body's accounts as set out in the notice of audit.	6, 23
<p>5. We have carried out an assessment of the risks facing the Committee and taken appropriate steps to manage those risks, including the introduction of internal controls and/or external insurance cover where required.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Considered the financial and other risks it faces in the operation of the body and has dealt with them properly.	6, 9
<p>6. We have maintained an adequate and effective system of internal audit of the accounting records and control systems throughout the year and have received a report from the internal auditor.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Arranged for a competent person, independent of the financial controls and procedures, to give an objective view on whether these meet the needs of the body.	6, 8
<p>7. We have considered whether any litigation, liabilities or commitments, events or transactions, occurring either during or after the year-end, have a financial impact on the Committee and, where appropriate, have included them on the accounting statements.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Disclosed everything it should have about its business during the year including events taking place after the year-end if relevant.	6
<p>8. We have taken appropriate action on all matters raised in previous reports from internal and external audit.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Considered and taken appropriate action to address issues/weaknesses brought to its attention by both the internal and external auditors.	6, 8, 23

* Please provide explanations to the external auditor on a separate sheet for each 'no' response given; and describe what action is being taken to address the weaknesses identified.

Additional disclosure notes*

The following information is provided to assist the reader to understand the accounting statements and/or the Annual Governance Statement

Total % Share of JC costs for 22/23				
	Tonnes	%	Expenditure	
Anglesey	14,490.34	12.93%	£	35.87
Conwy	20,017.62	17.87%	£	49.55
Denbighshire	19,401.30	17.32%	£	48.02
Flintshire	31,425.71	28.05%	£	77.78
Gwynedd	26,697.37	23.83%	£	66.08
	<hr/>	<hr/>	<hr/>	<hr/>
	112,032.34	100.00%	£	277.30

2.

3.

* Include here any additional disclosures the Council considers necessary to aid the reader's understanding of the accounting statements and/or the annual governance statement.

Committee approval and certification

The Committee is responsible for the preparation of the accounting statements and the annual governance statement in accordance with the requirements of the Public Audit (Wales) Act 2004 (the Act) and the Accounts and Audit (Wales) Regulations 2014.

<p>Certification by the RFO</p> <p>I certify that the accounting statements contained in this Annual Return present fairly the financial position of the Committee, and its income and expenditure, or properly present receipts and payments, as the case may be, for the year ended 31 March 2023.</p>	<p>Approval by the Council/Board/Committee</p> <p>I confirm that these accounting statements and Annual Governance Statement were approved by the Committee under minute reference:</p>
<p>RFO signature:</p>	<p>Minute ref:</p>
<p>Name: GARY FERGUSON</p>	<p>Chair of meeting signature:</p>
<p>Date: 21.06.23</p>	<p>Name: KATIE WILBY</p>
	<p>Date: 26.06.2023</p>

Annual internal audit report to:

Name of body: NORTH WALES RESIDUAL WASTE JOINT COMMITTEE

The Committee's internal audit, acting independently and on the basis of an assessment of risk, has included carrying out a selective assessment of compliance with relevant procedures and controls expected to be in operation during the financial year ending 31 March 2023.

The internal audit has been carried out in accordance with the Committee's needs and planned coverage. On the basis of the findings in the areas examined, the internal audit conclusions are summarised in this table. Set out below are the objectives of internal control and the internal audit conclusions on whether, in all significant respects, the following control objectives were being achieved throughout the financial year to a standard adequate to meet the needs of the Committee.

	Agreed?				Outline of work undertaken as part of the internal audit (NB not required if detailed internal audit report presented to body)
	Yes	No*	N/A	Not covered**	
1. Appropriate books of account have been properly kept throughout the year.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text
2. Financial regulations have been met, payments were supported by invoices, expenditure was approved and VAT was appropriately accounted for.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text
3. The body assessed the significant risks to achieving its objectives and reviewed the adequacy of arrangements to manage these.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text
4. The annual precept/levy/resource demand requirement resulted from an adequate budgetary process, progress against the budget was regularly monitored, and reserves were appropriate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text
5. Expected income was fully received, based on correct prices, properly recorded and promptly banked, and VAT was appropriately accounted for.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text
6. Petty cash payments were properly supported by receipts, expenditure was approved and VAT appropriately accounted for.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text
7. Salaries to employees and allowances to members were paid in accordance with minuted approvals, and PAYE and NI requirements were properly applied.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text – No Salaries paid
8. Asset and investment registers were complete, accurate, and properly maintained.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert text

	Agreed?				Outline of work undertaken as part of the internal audit (NB not required if detailed internal audit report presented to body)
	Yes	No*	N/A	Not covered**	
9. Periodic and year-end bank account reconciliations were properly carried out.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Insert text
10. Accounting statements prepared during the year were prepared on the correct accounting basis (receipts and payments/income and expenditure), agreed with the cashbook, were supported by an adequate audit trail from underlying records, and where appropriate, debtors and creditors were properly recorded.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Insert text

For any risk areas identified by the Council/Board/Committee (list any other risk areas below or on separate sheets if needed) adequate controls existed:					
	Agreed?				Outline of work undertaken as part of the internal audit (NB not required if detailed internal audit report presented to body)
	Yes	No*	N/A	Not covered**	
11. Insert risk area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Insert text
12. Insert risk area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Insert text
13. Insert risk area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Insert text

* If the response is 'no', please state the implications and action being taken to address any weakness in control identified (add separate sheets if needed).

** If the response is 'not covered', please state when the most recent internal audit work was done in this area and when it is next planned, or if coverage is not required, internal audit must explain why not.

During 2022/23 NWRW did not have its own separate book of accounts, bank account etc as they were part of the Flintshire Financial systems. During 2022/23 Internal Audit reviewed Financial Management Accounting, Corporate Grants, CIPFA FM Code and MTFs Supporting method statements. NWRW Risk Register was not covered. The Annual Internal Audit report is formed based on the overall work completed during 2022/23 which was presented to the Governance and Audit Committee on the 14th June 2023.

Internal audit confirmation

I confirm that as the Committee's Internal Auditor Manager, I have not been involved in a management or administrative role within the body (including preparation of the accounts) or as a member of the body during the financial years 2021-22 and 2022-23. I also confirm that there are no conflicts of interest surrounding my appointment.

Name of person who carried out the internal audit:	Lisa Brownbill
Signature of person who carried out the internal audit:	
Date:	19.06.2023

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The CCS Opportunity at Parc Adfer

30 October 2023

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Agenda Item 7



The CCS opportunity at Parc Adfer



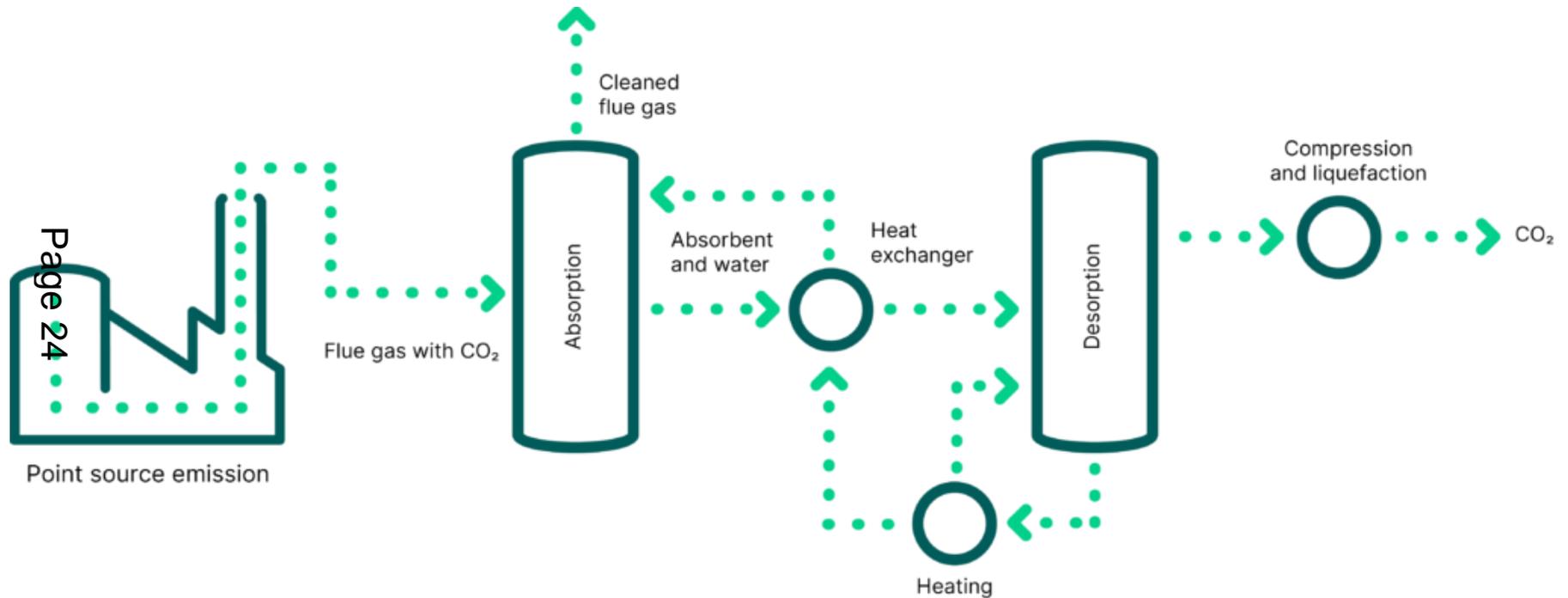
By installing carbon capture technology at Parc Adfer, we could:

- **Decarbonise unrecyclable waste** produced across North Wales, both now and in the future.
- Support **economic growth, skills and employment in the green economy** both during the construction phase and the operational phase of the project.
- Generate **carbon negative power** that can support the Welsh Government's ambition to have 100% zero carbon power by 2035.
- Produce **~100,000 tonnes of 'carbon removals' or 'negative emissions' per year** from our captured biogenic CO₂, offsetting emissions elsewhere in Flintshire.

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- For more than a year, enfinium has been exploring the potential to install carbon capture and storage (CCS) technology at Parc Adfer.
- Installing CCS at Parc Adfer would enable us to capture at least 90% of the carbon dioxide (CO₂) the facility currently produces when transforming unrecyclable waste into energy.
- Once captured, the CO₂ would be safely transported via pipeline to Liverpool Bay for permanent storage under the sea.
- The capital investment and operational costs associated with building and running the carbon capture equipment could be supported by the UK Government.
- The next round for projects to bid into the UK Government's CCS project selection programme is set to open up in November/December 2023 and close in March 2024.
- **Based on our work to date we believe a CCS project at Parc Adfer would be very competitive from a bidding perspective, highly deliverable and would transform the waste sector in North Wales.**

What is Carbon Capture and Storage?



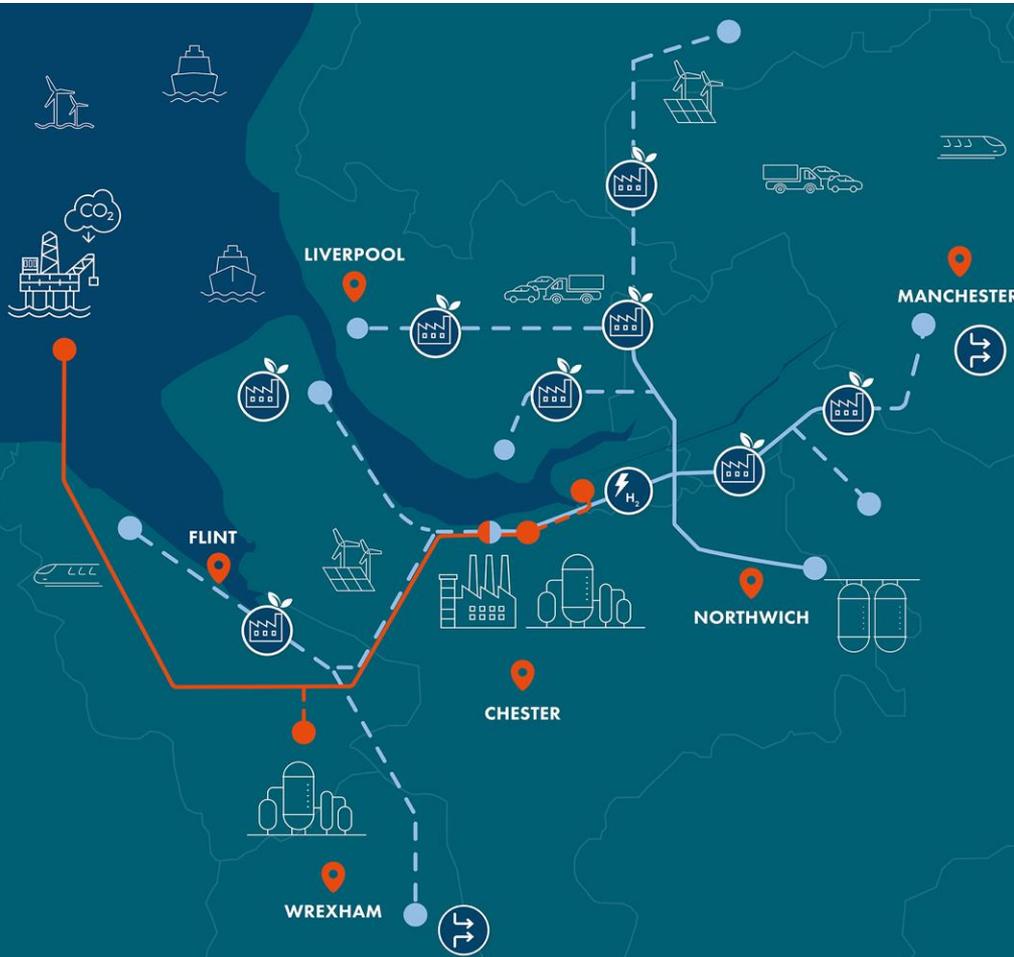
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Source: Aker Carbon Capture

Integrating North Wales into the HyNet CCS cluster



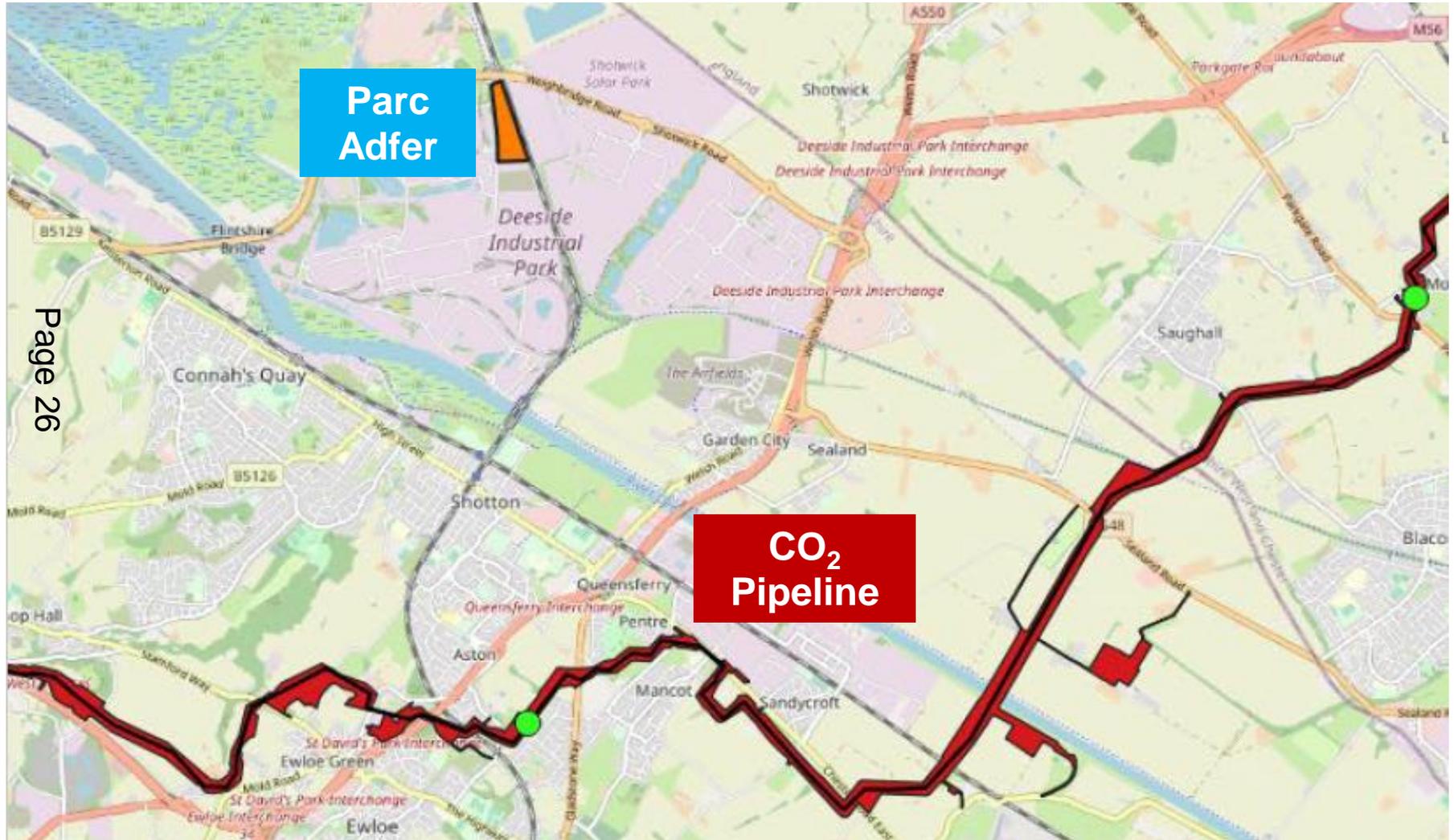
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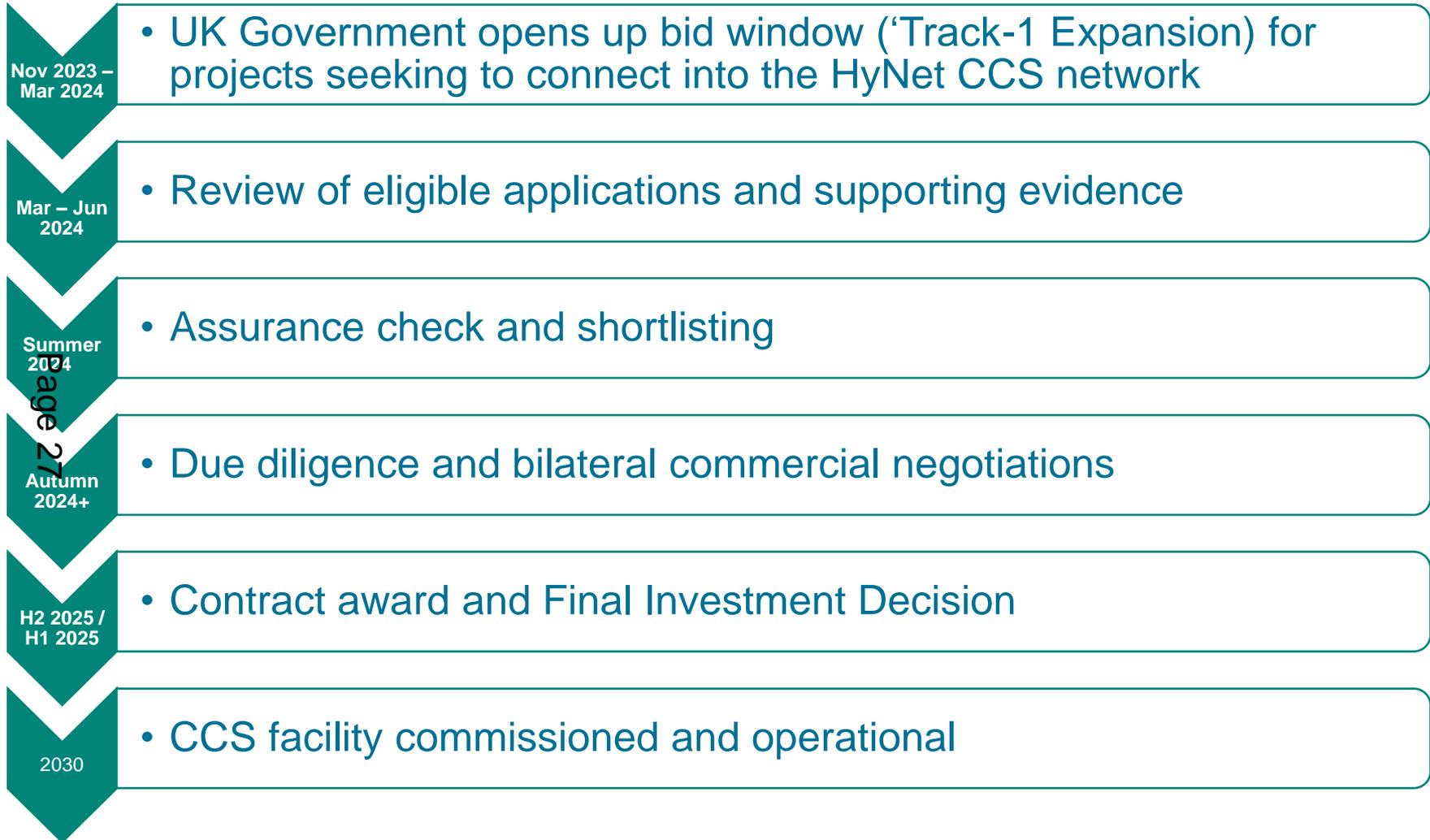
-  INITIAL PHASES OF CADENT'S H₂ PIPELINE
-  FUTURE PHASES OF CADENT'S H₂ PIPELINE
-  CO₂ TRANSPORTATION AND STORAGE SYSTEM
-  FUTURE CO₂ PIPELINE CONNECTIONS
-  INDUSTRIAL CO₂ CAPTURE
-  CO₂ STORAGE
-  LOW CARBON H₂ PRODUCTION
-  UNDERGROUND H₂ STORAGE
-  INDUSTRIAL H₂ USER
-  FLEXIBLE H₂ POWER GENERATION
-  CO₂ SHIPPING
-  H₂ BLENDING FOR HOMES AND BUSINESS
-  H₂ FUELLING FOR TRANSPORT
-  H₂ FROM OFFSHORE WIND
-  H₂ FROM SOLAR AND WIND

Parc Adfer is located a short distance from the planned HyNet CO₂ pipeline



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Pathway for UK Government support for Parc Adfer at CCS



**Timetable based on DESNZ market update on 25 September 2023 and subject to change*

In summary



- Installing CCS at Parc Adfer could **support the delivery of a number of Welsh Government policy goals** on energy, environment and climate change.
- It would also **support the joint authorities** achieving their own climate change strategies, targets and ambitions.
- Page 28 It would contribute towards **economic growth, skills and employment in the green economy** in North Wales.
- The upcoming Track-1 Expansion allocation round represents **a significant window of opportunity** to secure UK Government support for the project.



THANK YOU

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By virtue of paragraph(s) 14 of Part 4 of Schedule 12A of the Local Government Act 1972.

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