

ABERDEEN CITY REGION DEAL:

Powering Tomorrow's World

Report Name	Net Zero Technology Centre Goals and the Launch of Technology Services Group
Lead Officer	Richard Sweetnam, Chief Officer, ACC
Report Author	Nicola McIntosh, NZTC
Date of Report	18th November 2022
Governance	City Region Deal Joint Committee

1:	Purpose of the Report
1.1	To update Aberdeen City Region Deal Joint Committee on the Launch of Net Zero Technology Services and 2026 Goals presented at 54 Month Net Zero Technology Centre Checkpoint review.

2:	Recommendations for Action
2.1	It is recommended that the Joint Committee notes the content of the report and its Appendix 1, and the progress made.

3:	Summary of Key Information
3.1	Introduction <p>The Net Zero Technology Centre (NZTC) was established as part of the Aberdeen City Region Deal (ACRD) and with a clear remit to maximise the potential of the North Sea and the North East of Scotland, enhance local university R&D capability and create a culture of innovation. We were provided with £180M funding over 10 years by the UK & Scottish government, starting in late 2016 with an agreed drawdown profile.</p> <p>The design of the centre and the programme was driven by the Wood Review which championed a tri-partite (industry, government, research institute) approach to technology development and deployment in the North Sea and we have shown that it works. We have been identified by both UK and Scottish government as an exemplar in the City Region Deal programme in the UK and this is in large part because of our funding model.</p> <p>While an independent company controlled by a Board, NZTC has a reporting requirement to both governments associated with the funding. As part of those discussions, the government representatives have challenged us from the second year to make a plan to be independently sustainable at year 10. The Technology Services proposal is one element of the work ongoing by the NZTC team to build new</p>

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	<p>revenue streams in addition to competing for new funding through EU, BEIS, Scottish Government and other funding opportunities.</p> <p>3.1 NZTC Technology Services</p> <p>The NZTC purpose remains unchanged and we have expanded our strategy to embrace a broader set of opportunities to drive sustainability.</p> <p>NZTC will continue to operate the Solution Centre and TechX, along with the introduction of Net Zero Technology Services. The new offering will provide the energy industry and investors with insights and foresights on current and emerging net zero technologies, helping organisations leverage technology to navigate and accelerate their journey to net zero.</p> <p>Two new solutions are introduced with the launch, Technology Roadmapping and Technology Due Diligence, both of which are powered by the Net Zero Technology Services proprietary NetZeroTS™ database.</p> <p>The Technology Roadmapping solution provides organisations with high carbon emitting plants and assets unmatched insight and foresight into proven, emerging and future technologies across zero emissions power, zero routine flaring, venting and fugitive emissions. It determines which innovative technologies can be adopted and deployed across assets to help achieve decarbonisation goals.</p> <p>Technology Due Diligence provides insight to help investors make better technology investment decisions; ascertaining the legitimacy of a technology, its true technology readiness level, gaps in readiness and scalability, and how investable it is.</p> <p>The new solutions are already being actively used by industry and investors, with a number of successful pilots underway and Technology Due Diligence scopes delivered.</p> <p>The Technology Services team will be supported by the Solution Centre technical experts and will develop a portfolio of solutions/ tools to deliver differentiating high value services to industry in transition, capitalising on NZTC knowledge and relationships. The overall objective of Technology Services is to support high carbon emitting industries to accelerate to net zero by better understanding the potential routes and solutions available to them and the associated costs.</p> <p>NZTC has a strong foundation, powerful partnerships with key players in the net zero transition both industrial and in government, with a strong portfolio and a track record of delivery, NZTC is already delivering both the Scottish net zero industrial transition roadmap and the technology element of the roadmap for the North Sea Transition Deal and has excellent academic and cross sector alliances.</p> <p>3.2 NZTC Original Business Case Targets</p> <p>Delivery to date shows that NZTC is on target to deliver, if not exceed the original targets. Since the original goals were set, the focus of both governments has also</p>

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	<p>extended to net zero ambitions and targets. The NZTC ACRD goals have been updated to reflect an increase in ambition in delivery for the Centre, the addition of the technology services group and net zero goals.</p> <p>Appendix 1 contains a detailed update on Launch of Net Zero Technology Services and 2026 Goals introduced at 54 Month ACRD Checkpoint review in October 2022.</p>

4:	Finance and Risk
4.1	There are no direct financial implications arising from this report.