

Period covered by this Communication on Engagement

From: 30th June 2020 To: 28th September 2022

Part I. Statement of Continued Support by the Chief Executive or Equivalent

28th September, 2022

To our stakeholders:

I am pleased to confirm that The Net Zero Technology Centre reaffirms its support to the United Nations Global Compact and its Ten Principles in the areas of Human Rights, Labour, Environment and Anti-Corruption. This is our Communication on Engagement with the United Nations Global Compact. We welcome feedback on its contents.

In this Communication of Engagement, we describe the actions that our organization has taken to support the UN Global Compact and its Principles as suggested for an organization like ours. We also commit to sharing this information with our stakeholders using our primary channels of communication.

Sincerely yours,

Mary Thorogood

Government, External Affairs and Communications Director

Mary.thorogood@netzerotc.com

Part II. Description of Actions

Please use the box below to describe the actions your organization has taken in support of the Global Compact. It is strongly recommended that the actions taken are related to one or more of the specific activities suggested. *Please refer to the complete list of suggested activities for your type of organization found [here](#).*

- **Internalize the Global Compact and engage companies**
- **Participate in global, regional, and local events**
- **Join and/or propose partnership projects**

Internalise the Global Compact and engage companies

As part of our commitment to the UN Global Compact and delivery of the 17 SDGs, in June 2021 our organisation reorganised our delivery functions, team structure and assessed our technology project portfolio and investment support to align with the goal of achieving net zero in the UK by 2050.

When we reorganised to achieve net zero targets, we also restated our purpose - to develop and deploy technology to accelerate an affordable net zero energy industry. We completed the reorganisation by rebranding to reflect our purpose in June 2021 – from OGTC to the Net Zero Technology Centre.

Participate in global, regional, and local events

Net Zero Technology Centre participation in COP26

The role of technology to drive net zero targets was a major theme at COP26 and Glasgow was a platform for launching innovative sectoral partnerships and new funding to support innovation, with the aim of reshaping every sector of the economy at the scale necessary to deliver a net-zero future.

In the first week of COP26 the Net Zero Technology Centre hosted an international Technology Summit, bringing research and technology centres together from across the globe to share best practice in industrial decarbonisation technologies and explore areas for collaboration.

In the run up to COP26 the Net Zero Technology Centre launched a global Clean Energy Start-up Pitch Battle competition, hosted by the Centre's award-winning business accelerator team, TechX.

Twenty-nine technology start-ups developing clean energy solutions submitted pitches. Ten finalists were given the chance to pitch their technologies at the final event in Glasgow during the Centre's COP26 programme - ['The Road to Glasgow: Destination Net Zero'](#). The start-up crowned winner received prizes including expert mentoring and pitching opportunities for investment.

The participating start-ups are developing a range of clean energy technologies; from solutions that utilise green and blue hydrogen, CCUS and digitisation, to those that offer alternative energy storage and seek to decarbonise offshore operations. More than 50% of the pitching companies are represented by gender-diverse teams, further backing TechX's call to see more entrepreneurial diversity in the energy industry.

Participating start-ups were nominated by the Net Zero Technology Centre and the Pitch Battle's supporters: bp ventures, Greenbackers Investment Capital, Hydrogen Accelerator, ion Houston, the Offshore Renewable Energy (ORE) Catapult, Repsol and Scottish Development International.

Join or Propose Partnership Projects

Against the backdrop of COP26, the Net Zero Technology Centre brought together a group of internationally recognised research and technology organisations to launch a collaborative

technology study, with the intention to identify the national and international technology-led opportunities to decarbonise fossil fuel basins globally.


This study has been developed by a collaboration of research organisations and technology centres from all over the world (hereby referred to as 'centres'), representing traditionally fossil fuel-producing basins in Australia, Brazil, Canada, Egypt, Japan, the Netherlands, the United Kingdom (UK) and the United States of America (USA).

All centres listed below provided information on their own region, attended group workshops and provided valued technical analysis. The Net Zero Technology Centre (NZTC) and the Netherlands Organisation for Applied Scientific Research (TNO) were the co-authors who developed the study.

Co-authors

Net Zero Technology Centre  (NZTC)



Netherlands Organisation for Applied Scientific Research  (TNO)



Partnering centres

The National Institute of Advanced Industrial Science and Technology (AIST)



The British University in Egypt  (BUE)



The Commonwealth Scientific and Industrial Research Organisation



(CSIRO)



Energy Research and Innovation Newfoundland and Labrador



(ERINL)



The Industrial Decarbonisation Research and Innovation Centre



(IDRIC)



InnoTech  Alberta



National Energy Resources Australia  (NERA)



National Renewable Energy Laboratory  (NREL)



Research Centre for Greenhouse Gas Innovation



(RCGI)



Scottish Carbon Capture and Storage



(SCCS)



Our aim was to assess the strategies being developed to decarbonise energy in regions with traditionally strong oil and gas (O&G) industries and build net zero integrated energy systems. We have joined forces with centres in Australia, Brazil, Canada, Egypt, the Netherlands, the UK, the USA and energy import country, Japan.

This list is not exhaustive and is open to other centres and countries who wish to join the next steps of this collaborative effort. While some relevant O&G basins are not included, this coalition is grouping most of those more active in the energy transition agenda.

Whilst the energy transition is an enormous global challenge, it also represents a mammoth economic opportunity to develop next generation energy economies, and this study aims to illustrate the potential of this opportunity to the global market, to attract innovators and funding to the challenge.

This study will evidence the opportunities available to players across the entire energy ecosystem. Governments and funders will be able to spread costs and investment risk, energy companies will develop a greater understanding of the global transition and possible opportunities to develop pilot projects worldwide, and there will be greater incentive to the supply chain once they are aware of the global applicability of certain technologies and technology solutions.

International collaboration in technology innovation is a fundamental stepping stone in every region's journey to net zero as we share knowledge, best practices and lessons learned. Ultimately, we must work together to eliminate the barriers preventing key transition technologies from being developed and deployed at scale.

The study results will be presented during COP27 in Egypt. The Net Zero Technology Centre has secured participation in the Blue Zone and will be hosting sessions presenting the studies initial findings on the Japanese and Scottish pavilion stands.

It is this group's intention to pool our ingenuity and resources to attract the attention of commercial partners and begin collaborative projects that span international borders, presenting them to investors at COP28 in Abu-Dhabi. These projects will aim to eliminate the technology barriers identified in this study.

Part III. Measurement of Outcomes

Please use the box below to include the most relevant qualitative and/or quantitative indicators to measure the outcome of the activities described in Part II above.

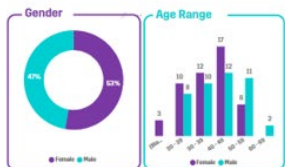
Our values, staff and ESG performance

Our values

We are driven by a curiosity to **INNOVATE**. We are **INCLUSIVE**. We thrive on diversity of thought. We want to **INSPIRE** people with a passion for positive change.



Diversity and inclusion accelerate innovation, and we started with our staff



Our ESG commitments



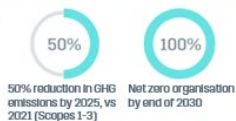
Being an ESG responsible organisation
 We have a range of initiatives that closely align to eight of the UN SDGs. Many form part of our work and values, other highlights are given below

STEM Initiatives (ESG 4)
 53 Interns, 16 career ready students, 9 foundation apprentices and 2 kickstart employees

Sustainability Initiatives (ESG 11)
 sustainability policy & target-setting and annual sustainability report

GHG Emissions Reduction (ESG 13)

Targets for NZTC's Emissions



Performance
 -40%
 40% reduction in 2021 on 2019

COP26 Campaign

Engagement
 We have worked on engaging with your public during the reporting period

Engagement by Day

9
 Videocasts

COP26 Road to Glasgow: Destination Net Zero

COP26



Channel	Date	Detail	Results
Website	3 rd Sep – 11 th Nov	COP Landing Page	5,396 page views 3,455 unique visitors Average of 1.34 minutes spent on the page
Website	3 rd Sep – 11 th Nov	Pitch Battle Landing page	8,804 page views 6,762 unique visitors Average of 3.34 minutes spent on the page
Website	3 rd Sep – 11 th Nov	Pitch Battle page with videos	27,658 page views 21,859 unique visitors Average of 3.32 minutes spent on the pages
Website	3 rd Sep – 11 th Nov	Technology Driving Transition Global Summit	992 views 841 unique visitors Average of 2.54 minutes spent on the page
Website	3 rd Sep – 11 th Nov	Technology Showcase	839 views 513 unique visitors Average of 1.21 minutes spent on the page
LinkedIn, Instagram and Twitter	1 st Sep – 4 th Nov	Social media campaign	52 posts 73,104 impressions 210.5 average reach per post 1,215 click throughs 771 reactions 224 shares Average 3.4% engagement rate

COP26 Road to Glasgow: Destination Net Zero

COP26



Channel	Date	Detail	Results
Social	Sept – Dec	32 social posts	
Press	20 th September	Pitch Battle launch	AVE: £467 OTS: 15,200
Blog	27 th Sep	Let the Pitch Battle Commence: Shining a light on upcoming clean energy start-ups	XX unique page views Average session duration
Press		100 days of Hope - The Herald	AVE: OTS:
Press	2 nd Nov	Mineral Carbonation International announced as winner of COP26 Clean Energy Start-up Pitch Battle	AVE: £4,977 OTS: 217,14
Press	4 th Nov	International collaboration study will accelerate global path to net zero	AVE: OTS:
Website	11 th Nov -	Post event COP26 Landing page	
Event	1 st Nov – 3 rd Nov	The Road to Glasgow: Destination Net Zero	Registered online 685 Attended online 486 Registered in person 263 Attended in person 115
Email	21 st Sep	Announcement of programme of events	367 unique opens 129 click-thrus
Email	16 th Nov	Round up of programme of events	389 unique opens 925 click-thrus
Podcast	9 th Feb – 4 th Oct	The Road to Glasgow Transition Talks	12 episodes Over 1000 downloads 25 countries

Podcast

12 episodes published

1164 Downloads

26 countries reached

Episode Title	Publish Date	All Time Plays
Welcome to OGTC Podcast - Energy on the move!	February 01, 2021 13:00	59
Transition Talks - Achieving Net Zero with Mike Berners-Lee, Author of "There Is No Planet B"	February 10, 2021 08:00	122
Transition Talks - Renewable Energy with Claire Mack, Scottish Renewables	February 09, 2021 14:00	80
Transition Talks - CCUS with Mike Smith, NECCUS	February 10, 2021 08:00	101
Transition Talks - Policy & Economics with Professor Graeme Roy, The Fraser of Allander Institute	February 10, 2021 08:00	68
Transition Talks - All things digital with Gillian Docherty OBE, CEO of The Data Lab.	March 04, 2021 09:00	65
Transition Talks - Energy Policy with Karen Turner, Professor & Director of the Centre for Energy Policy, University of Strathclyde	April 23, 2021 07:00	73
Transition Talks - "Aberdeen net zero and hydrogen strategy with Councillor Jenny Laing, Co-Leader of Aberdeen City Council	June 15, 2021 12:00	98
Transition Talks - Reusing oil and gas infrastructure with Crondall Energy	June 24, 2021 14:00	121
Transition Talks - Hydrogen in homes: the future of heat with Dr Angela Needle, Director of Strategy at Cadent Gas Limited	July 07, 2021 09:00	101
Transition Talks & Pawprint: Empowering employees to fight climate change at work, home and beyond	August 11, 2021 09:00	100
Transition Talks & Energy Systems Integration with Richard Halsey, Capabilities Director, Energy Systems Catapult	October 04, 2021 08:00	86
Transition Talks - Industrial Decarbonisation with Mercedes Maroto-Valer, IDRIC	September 29, 2021 14:00	39