

# TEXO TALK

APRIL 2022

*Don't worry, we haven't changed our branding! You will see over the coming months that we're using green to promote our climate-conscious and environmental strategy.*

## TEXO certified as a Carbon Neutral Business!

TEXO has offset its total carbon footprint for the financial year 2020-21 to become certified as a Carbon Neutral Business by Carbon Neutral Britain.

This certification shows that TEXO's approach has been independently assessed and accredited, using calculations that follow the ISO 14064 and GHG Protocol Emissions Standard's principles of relevance, completeness, consistency, transparency and accuracy.

*"We are delighted to partner with TEXO Group to help identify and offset their environmental impact for 2021 and beyond,"* says James Poynter, Director at Carbon Neutral Britain, which awards certification for 12 months and makes further recommendations to help organisations reduce their carbon footprint.



The Carbon Neutral Britain assessment covers three types of emissions:

### Scope 1 (Direct emissions)

Activities owned or controlled by the organisation that release emissions straight into the atmosphere.

For manufacturing business these would be emissions from equipment and machinery used in production. Businesses that own or lease vehicles are also included within scope 1.

### Scope 2 (Energy indirect)

Emissions being released into the atmosphere associated with the consumption of purchased electricity, heat, steam and cooling. These are indirect emissions that are a consequence of the organisation's activities - but occur at sources that the business does not own or control.

These emissions would be the energy usage by the organisation and staff working at the business, or from home.

### Scope 3 (Other indirect)

Emissions that are a consequence of business activity, which occur at sources which are not owned or controlled, which are not classed as scope 2 emissions.

Scope 3 emissions can be quite broad, including areas such as waste management, business travel, staff commuting, events, data usage, and the emissions produced from delivery to and from the organisation [including third party delivery services].



*It has been a revelation to work with Carbon Neutral Britain. By breaking down our emissions in this way, we can see where we have most negative impact, and that is helping us to plan our journey towards net zero by 2032. Working with Carbon Neutral Britain has given us invaluable insights, and we will continue working with them to offset future emissions and to see how we can change our working practices to reduce them overall."*

**Chris Smith**

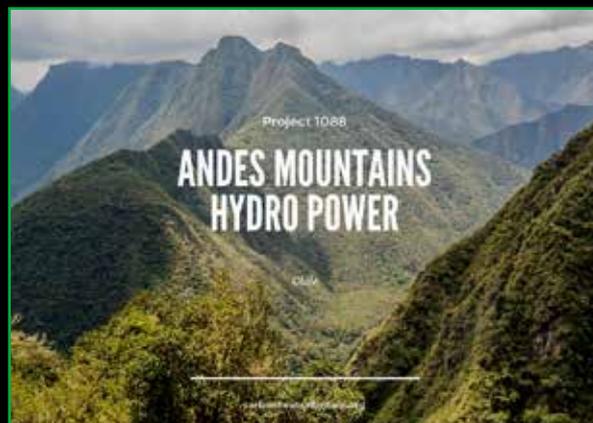
TEXO Managing Director

## Carbon Offsetting Projects

Through the Carbon Neutral Britain Climate Fund™, companies can offset their total carbon emissions through internationally certified carbon offsetting projects.

Certified via the Verra – Verified Carbon Standard (VCS), the Gold Standard – Voluntary Emission Reductions (VER) or the United Nations – Certified Emission Reductions (CER) programmes, the projects have also been selected based on their direct and indirect impact around the world – not just in offsetting, but also in supporting education, employment and clean water, as well as having net positive impact on the local wildlife and ecology.

As the three largest, and most regulated voluntary offsetting standards used by organisations and even countries in their emissions reductions – all measurements and tonnes of CO<sub>2</sub>e offset are accurate, and verified.



## Cambodia

### Project Information:

#### Rice Husk Power Project

The Angkor Bio Cogen (ABC) project is the first renewable energy project to utilize rice husk as biomass fuel for electricity generation in Cambodia, involves the operation of 2 MW new rice husk power generation plant in the Kandal province.

The electricity generated from biomass power plant to the Angkor Rice Mill that, in absence of the project activity, uses diesel oil to generate electricity for the rice mill operation. Besides from this, ABC provides surplus electricity to neighbouring factories and community through the power utility in Angsnoul District that, in the absence of the project activity, use diesel oil or batteries for their uses.



### Project Impact and Secondary Benefits:

#### EMISSIONS REDUCTIONS

The project achieves GHG emissions reduction in three ways:

- 1) The GHG reduction is achieved through the use of rice husk which was previously left to decay in the open space, resulting in methane emissions;
- 2) The generated power is exported to the rice mill, which partially replaces power generated by their captive diesel power generator, contributing to GHG emissions associated with the diesel power plant;
- 3) The surplus generated power is supplied to the local power utility, providing electricity to the community living outside the project premises.

#### Social Development

The Project has contributed to the improvement of economic, social and environmental well-being of the community through providing reliable electricity access to the rice mill as well as the neighbouring business and community.



## TEXO announced as Aberdeen FC's new shirt sponsor

Aberdeen FC has announced that TEXO will be the Club's new shirt sponsor for the next three seasons, starting from season 2022/23. TEXO has signed this unique deal to become the Club and Youth Academy sponsor from 1 July 2022.

Already a long-term advertiser at the Club, TEXO will benefit from having its logo adorned on the Club's shirts as well as on prominent areas of Pittodrie, including the dugout and advertising behind the goals.

Under the new deal, TEXO will enjoy high profile branding on the shirts and training kits worn by all the Club's professional teams and youth academy teams – excluding Aberdeen Women who have a separate sponsor – as well as all replica shirts for sale to the public from July 2022 onwards. The prominent X of the TEXO logo will also feature on the rear of all matchday playing shorts used by the first team.



*TEXO is a strong and dynamic brand, committed to the local market, and we are thrilled they have chosen to increase their support for the Club, starting this summer.*

*It's already evident that we have common goals and shared values and we are looking forward to working together to ensure both parties derive maximum value from this partnership when it gets underway later this year.*

*Like the Club, TEXO has ambitious plans for the future and believes in working flexibly, imaginatively and responsibly to deliver results.*

*The rights package from the Club, that underpins this deal, will undoubtedly help TEXO achieve its goals as the business expands both in Aberdeen and beyond."*

**Rob Wicks**

AFC's Commercial Director

# TEXO TALK



*We are proud to be the official sponsor of Aberdeen FC from next season. The Club is steeped in history and sits at the heart of the community to which TEXO is committed.*

*There are many parallels between TEXO and AFC particularly in terms of how we build dynamic, multi-disciplinary teams, with creative thinkers, service-givers and problem solvers.*

*We are excited about this new future partnership with the Club and look forward to kicking-off next season.*

**Chris Smith**  
TEXO Managing Director



*The official shirt sponsor is an important contributor to the Club and a significant investment for an organisation. At Aberdeen, we've been fortunate to secure some great brands over the years and to work with them in genuine partnership. We are looking forward to enjoying a strong and meaningful relationship with TEXO from next season.*

*Rob and the commercial team must be congratulated for building a relationship with TEXO which has culminated in this, our most ambitious sponsorship deal.*

**Dave Cormack**  
AFC Chairman





## How a combined survey approach can reduce time and improve data quality

A good quality survey, dimensional or inspection based is essential to any project. From improving sea defences to building new homes, no project can progress confidently without reliable survey information on which to base decisions.

That's why a combined approach to project surveys is so valuable. By using both ground-based and air-based survey and inspection methodologies, we can offer more complete, more interactive and more useful datasets, giving project managers clearer insight into the nature of their site and supporting more informed decision making.

### Ground-based surveys

These traditional surveys, carried out with equipment such as Total Stations & Terrestrial Scanners allow surveyors to observe and record accurate locations of objects and features such as drainage covers, buildings and ditches. Ground-based surveyors will also aid UAV teams in marking Ground Control Points – markers that are used to tie in both ground and aerial data to the same control network, a critical part of providing seamless integration between datasets for clients.

The importance of having a ground-based survey team can never be overlooked, it provides valuable insight into features that may otherwise be obscured from UAV data collection. Our surveyors feed this information to our UAV team who can tailor flight paths to collect what otherwise might be missed.

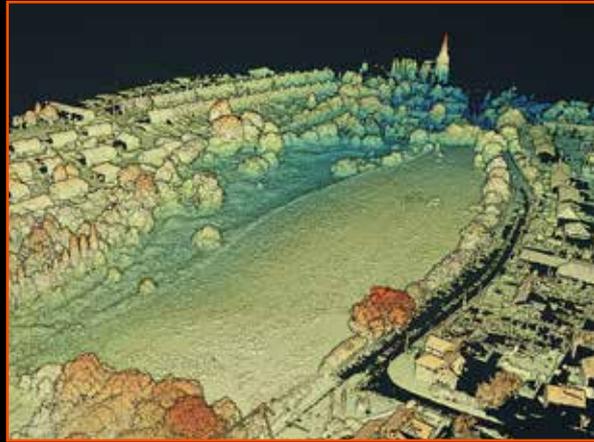
### Air-based surveys

Usually undertaken using unmanned air vehicles (UAVs), commonly known as drones, air-based surveys gather data from a different perspective and can survey areas where it might be difficult, dangerous, and even impossible for a ground-based survey team to access, a problem often encountered in this industry. This includes particularly dense vegetation, quarries or steep cliffs and even underground features like old tunnels. TEXO are able to mount LiDAR sensors and various camera payloads on UAV platforms which enables collection of accurate 3D point cloud data / photogrammetric data which can then be integrated with traditional ground-based observations to provide a more comprehensive survey.

## The benefits of a combined survey approach

Of course, both of these survey approaches can be used independently and will provide the level of data that most projects initially require. It's often the case, however, further surveys may be needed because certain features or details weren't captured on an initial visit as these were not required in the original specification. Using a combined approach can potentially eliminate the need for additional surveys, increases efficiency and quality and most importantly gives project teams more data that they can interrogate and interpret to help their project.

- **Efficient Data Collection** – Ground and air surveys can be conducted at the same time. This allows clients to get data faster, without any delays. Having teams that are multi-disciplinary is key to this offering.
- **Data Quality** – By using both approaches, you improve the quantity and quality of the data collected, so that your project has more information to work with.
- **Survey Completeness** – One solution is not the answer on most projects. A multi-disciplinary approach means you get better coverage across the site. We always promote leaving no stone unturned in terms of data capture.



## A joint approach in action

TEXO were asked to carry out a survey for a large housing development in the Essex area. The overgrown site had dense vegetation throughout, and the client wanted a survey to determine a drainage strategy.

We used traditional survey practices to establish ground control and capture topographic detail in accessible areas, however promoted the use of UAV LiDAR and photogrammetry to capture detail in the otherwise inaccessible areas, enabling production of a topographical drawing that has 100% completeness.

Our client viewed the data using our Texzone software, which gave them access to all the data collected. This allowed them to see the full site in detail, take relevant measurements and share the data within the team to help with internal planning and project design.



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## Port Services



### Case Study:

Successful fabrication of 30-metre spud can and extensions

#### THE CLIENT

TEXO Port Services has completed a number of successful projects with Osbit, a sub-sea engineering and offshore technology company. The client asked us to submit a bid to fabricate a 30-metre spud-can and two 3-metre spud-can extensions for installation on an offshore vessel. The project ran over a five-month period.

#### THE SOLUTION

We worked closely with other subcontractors, as production of a longitudinal submerged arc-welded pipe can only be achieved with specialist suppliers involved. We sub-contracted the rolling and welding portion of this project to a trusted supplier and once the 50mm-thick steel plates were delivered to our fabrication facility, we formed the final can and manufactured a rack and pinion gear which was welded to the external surface.

#### THE RESULT

Once the spud-cans had been successfully fabricated and finished, we needed to transport them to the client. This required an extendable flatbed trailer and managed the associated police permits, route plan and escort.



*TEXO successfully executed the 30-metre spud fabrication for Osbit, performing well against the project's demanding scope and schedule. They were transparent and proactive, providing regular progress updates, as well as welcoming collaborative and creative thinking. Osbit has genuinely enjoyed working with the TEXO team on this project and we are delighted with the outcome delivered."*

**Osbit project representative**



## TEXO TEAM PLAYER OF THE MONTH



**Rory Cadenhead**  
Floorlayer



WORKSPACE  
SOLUTIONS

*Following on from a long spell on board our clients drill ship in Las Palmas carrying out multiple accommodation upgrades, we are pleased to award this month's Team Player to Rory Cadenhead.*

*Keeping it in the family, Rory works alongside his father Keith who is an industry veteran in the world of offshore accommodation upgrades... who better to take him and show him the TEXO way!*

*Across the board at TEXO we believe it is our duty to ensure that the young get a chance. Whether it be offshore, workshop, warehouse or office-based, we have the opportunity to develop a workforce for the future and it's great to see someone like Rory being rewarded for his efforts.*

*"We have had Rory in numerous projects now and he is shaping up to be every bit as good as his Dad Keith. It's not just about quality and safety, a good work ethic and giving due consideration to the clients team on board is just as important and it is these skills that have shone through on this last project."*

**John Diack**

Offshore Operations Manager



ENGINEERING  
& FABRICATION



WORKSPACE  
SOLUTIONS



LIVESTREAM



RECRUITMENT



ASSET  
INTEGRITY



PORT  
SERVICES



SURVEY &  
INSPECTION  
(DSI)

# TEXO

TOGETHER WE ARE ONE