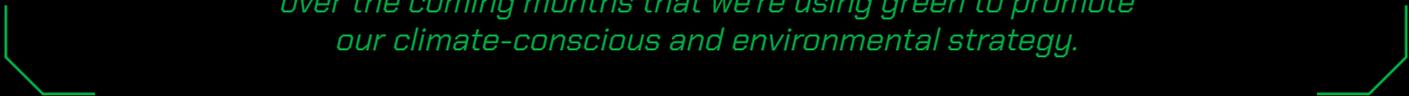


# TEXO TALK

FEBRUARY 2022

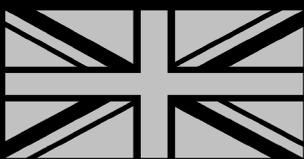


*Don't worry, we haven't changed our branding! You will see over the coming months that we're using green to promote our climate-conscious and environmental strategy.*

## Our commitment to combatting climate change

At the end of last year, following COP26, we made a clear commitment to reducing our current impact on the environment, and putting processes in place to help us reach Net Zero by 2032. This is important to us, our teams, our customers and our communities, and we are serious about changing what we can, where we can, over the next 10 years to be a truly climate-conscious business.

Carbon  
Neutral  
Britain™



So we're delighted to announce that we have been working closely with Carbon Neutral Britain to get certified as a Carbon Neutral Business – the first big step in our environmental journey. In order to receive certification, we are undergoing a detailed assessment of our total Greenhouse Gas (GHG) Emissions produced directly and indirectly from our activities.

Once we have received our calculation we will offset our total carbon footprint from the period covered within the assessment, through internationally-certified carbon offsetting projects which have been selected based on their direct and indirect impact around the world.



*We are delighted to partner with TEXO to help identify their carbon footprint, and work with them to offset their environmental impact for 2021 and beyond.*

– **James Poynter**, Director  
Carbon Neutral Britain

## What happens next?

Once we receive our Carbon Neutral Britain certification, we will continue to monitor and offset our emissions but most importantly, we will start to make changes to our business that will reduce those emissions naturally. We have already ordered an electric vehicle for our Witham facility, where travel is an essential part of the business, and we are looking into ordering other electric vehicles, including for company car options.

Solar panels at our facilities will help us to become more energy-aware and to use renewable sources to provide our energy, so we are looking at the best way to install these at our offices and industrial sites.

Our dedicated image-streaming service, Livestream, helps us and our clients to reduce their impact on the environment, by significantly reducing local, national and international travel to sites and by making projects more efficient in general. You can read more about Livestream in Action on the next page.



*Our aim is to significantly reduce our impact on the environment by changing the way we do things so that we are having less negative impact and actively building a positive approach, and we will keep our staff and customers updated as we go through the year."*

– **Chris Smith**, TEXO Group Managing Director





## Why real-time visibility is the next big thing for unmanned survey projects

James Arnott, Business Development Manager  
– TEXO Survey & Inspection (DSI)

Increasing pressure from public health, cost efficiency and safety concerns are playing a big role in the shift to real-time video for survey and inspection.

Precision survey data is critical to projects of all types. From sea defences and oil and gas platforms to drainage tunnels and listed building maintenance, surveyors, inspectors and planners need to be able to see objects in detail so they can make accurate and informed decisions about what happens next.

Unmanned airborne vehicle (UAV) surveys have already made their mark in this space. Removing people from potentially dangerous survey areas, UAVs collect accurate data and images quickly and efficiently, and work alongside traditional survey methods such as LiDAR to provide a complete picture. Supported by sophisticated software that renders the data in whatever way is best for the client – including interrogable 3D images – this method of surveying is becoming the standard approach for many industrial, environmental and heritage projects.

## The bonus of streaming technology

The next obvious step for state-of-the-art surveying is to produce a real-time video stream so that people who can't get to the site can see exactly what's happening, when it's happening. This type of livestreaming is becoming more common, and brings a number of benefits, which we look at below. The key for UAV pilots is to integrate real-time streaming with standard survey equipment to ensure that the ability to collect precise data is maintained while sending good quality images back to the client that are useful to shape the survey while its occurring.

## The benefits of live streaming technology

Making use of real-time streaming technology brings a number of measurable project benefits:

*Reduced presence on-site* – with live streaming available, clients do not need to send as many people to site when a survey is taking place. This saves time and also contributes to a healthier environment, as people are not travelling as much.

*Improved health and safety* – UAV surveys already improve health and safety on site by reducing the need for working at height or exposing personal to confined spacing for example. Adding a real-time streaming option means that surveyors and project managers can see footage of the parts of sites that are difficult or dangerous to access and significantly reduces the potential for on-site incidents.

**Greater project efficiency** – seeing issues in real-time makes for a significantly more efficient project. Decisions can be made faster, surveys can expand immediately to include new areas of concern or to focus on particular areas, and it reduces the requirement to go back out on site for future inspections.

**Better inspection procedures** – for sites that need regular inspection, real-time image streaming means that inspections are more accurate, faster and more cost-efficient. It streamlines processes, allows key personnel to see inspection images immediately and allows more accurate and useful maintenance and repair plans to be built.

**Training** – this technology offers a fantastic opportunity to train new staff. There are times, of course, when being on site is beneficial, but in terms of understanding the survey and inspection process, learning what to look out for and how to diagnose and approach particular problems, having access to live video footage is an incredibly useful training and learning tool. Also, our team's competency can be assessed in real life situations with reducing the need of travelling to sites.

**Remote worker protection** – this is a critical health and safety responsibility for companies of all types. With accurate GPS built into the system, live streaming equipment allows you to make sure your lone workers are safe when they are working in remote or hazardous areas. Most importantly, you will be able to see immediately if your worker is injured or has any issues, allowing you to alert emergency services faster.

## Livestream in action: Emergency Inspection of bridge and buildings post storm

TEXO Survey & Inspection (DSI) was commissioned to mobilise within 24 hours to a farm bridge near Hull. The bridge and an adjacent house had suffered from erosion and other damages during a rise in river levels – the bridge was under risk of collapse and the house was also in danger.

### We delivered:

- Emergency inspection and streaming
- LiDAR survey
- 3D structural scanning
- Photogrammetry
- Orthomosaic

The key for the client was being able to instantly view structure and provide feedback to the site team. This enabled decisions on the course of action to be discussed by multiple parties within the client organisation and stakeholders that were not able to get to site, meaning the client could maximise their internal resources. We delivered the full scope of the project in just one day.



**SURVEY &  
INSPECTION (DSI)**



**LIVESTREAM**

## What to expect from live streaming in industrial projects

With proven technology in place, we expect project managers to add real-time images as a requirement when they ask for survey and inspection support. The built-in time, cost, efficiency and safety benefits, alongside the ability to make faster, more informed decisions, means that this will become a standard part of client tenders in the very near future.

Delivering a wider range of information and able to stream across continents, the best technology will become a 'must' across all sectors – we are already seeing increased demand from the sectors we regularly service, plus additional industries that can see the immediate benefits of real-time streaming.

When looking for a survey or inspection team that offers real-time streaming, it's important to select teams that have experience in integrating live streaming to their UAV or traditional survey methods. Integration is important – it's far more difficult to hire a survey team and a separate live streaming team – so you want to look for partners that understand how to use the technology to your best advantage.

As demand increases, providers will begin to look at live streaming technology and begin to get up to speed on how to deliver the best package. TEXO Survey & Inspection already uses TEXO Livestream technology within its survey options – and works closely with the Livestream team to innovate and build on our successes to deliver quality images, data and commercial benefits to clients.

To find out more about how we can deliver a full survey and real-time image service to your project, contact us today:

[info@texo.co.uk](mailto:info@texo.co.uk)



## TEXO Design Academy

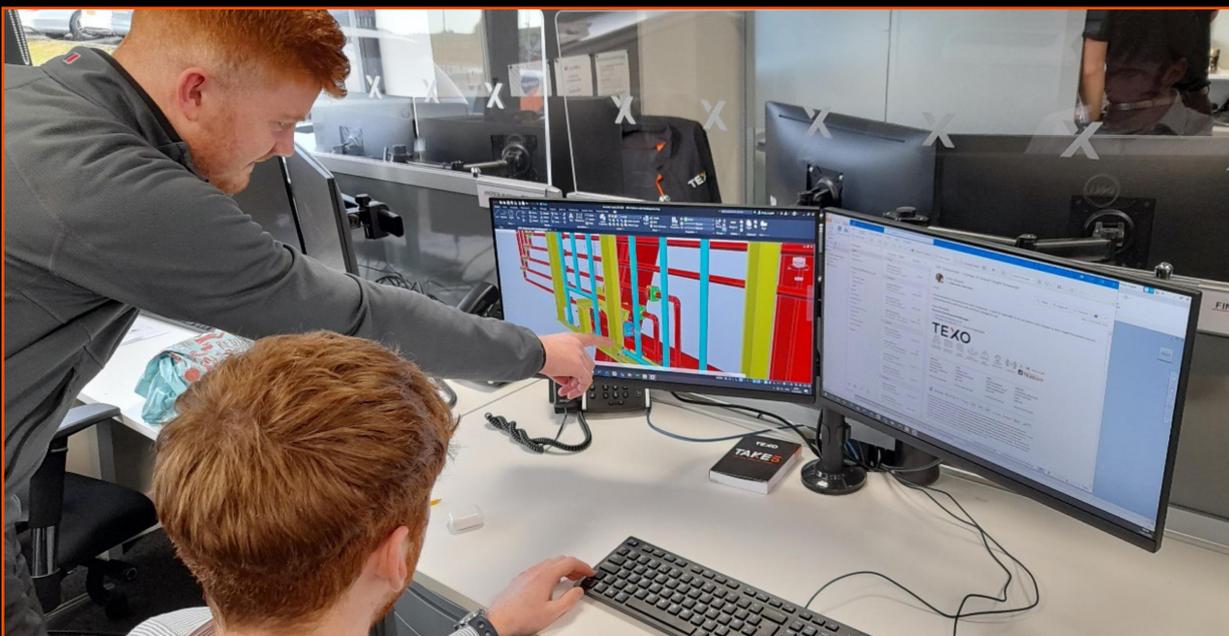
After our successful Graduate Engineering programme which saw Michael Grogan become an Engineer and a nominee for the 'Rising Star' category at the TEXO Annual Awards, in October 2021 TEXO Engineering & Fabrication enrolled two new graduates into the TEXO Design Academy Programme – Finlay Coghil & Thomas Duncan. Starting as Junior Designers, the training and development plan will expose Finlay and Thomas to areas of structural, mechanical and piping design within the first year, with a view to selecting a specific discipline in the second year of training. The Junior Designers each work alongside their discipline mentors to develop their software skills and subject matter knowledge, working on live projects within the sectors of oil and gas, renewables, fabrication and offshore construction.



*TEXO Engineering and Fabrication's culture is to invest in young people, to train and develop these individuals to become an essential part of the business for the future.*

*Good luck to Michael on his progression, and welcome to the TEXO team Finlay and Thomas!*

– **Steven Brown**, Engineering Team Lead  
TEXO Engineering & Fabrication



## TEXO Team Player of the Month



### Steve Milne

Project Manager  
TEXO Engineering & Fabrication

Steve joined us over a year ago and was one of the first to join the transformed TEXO Engineering & Fabrication. He settled in so well and is more than part of the furniture. Steve's attitude, dedication and passion for doing the job is what makes him a very essential part of the team, and what gives our clients confidence in the overall management and delivery of their projects. He is a senior figure for other team members and mentors the juniors by assisting them with their projects and passing on experiences and job knowledge along the way.



*Steve is part of the foundations of TEXO Engineering & Fabrication and delivers exactly what we promise our clients. He's a valued and integral part of the team."*

– **Donny Marshall,**  
Engineering & Fabrication Divisional Director



# TEXO TALK

## Success for Tommy Hodgson against Lee Connolly

Another win for 25-year-old Tommy Hodgson at Ponds Forge in Sheffield on 12th February, against a very tough, durable opponent in Lee Connolly.

Currently unbeaten, Tommy is now looking to move towards 5-0 with a homecoming fight in Newcastle.

The fight will be live on Fightzone TV on 19th March.



*We are very pleased with Tommy's latest outing against a very experienced pro in Lee Connolly, it was a great fight for Tommy's development in the pro ranks. Now all eyes are focused on 19th March in Newcastle when we look to go 5-0 against another worthy opponent that will bring new challenges to our North East prospect!"*

– **Jamie Sheldon**, Managing Director  
One Empire Management



# TEXO TALK

## Dean Sutherland to Defend WBC Title

Undefeated Aberdeen boxer Dean Sutherland will defend his WBC International Silver title with a home city show on 11th March at the Beach Ballroom.

Sutherland won the WBC belt with an impressive eighth-round stoppage of Michele Esposito at the same venue last November. It is the first time Esposito has been stopped in a nine-year career.

One of the hottest rising stars in Scottish boxing, Sutherland boasts a flawless professional record of 12 wins from 12 professional fights.

**Sutherland's fight will be broadcast live on Fightzone TV on 11th March.**



*When we signed our initial three-year deal to sponsor Dean last year, we knew he was something special. Since then, we have been blown away not just by his natural talent, but by his incredible work ethic and the atmosphere he creates around him. We know he's got star potential – he's already demonstrated that in his latest fights – and so we wanted to give him the opportunity to concentrate on his boxing full time.*

– **Chris Smith**, TEXO Group Managing Director



# TEXO TALK

## TEXO Foundation constructing 'station platform' to go with Pacer train classroom at Blyth SEN school

The Dale Specialist School in Blyth has been renovating and converting a former Pacer train into two specialist classrooms. TEXO Foundation are proud to support the school by creating an entire station to go alongside the carriage classroom, which will be used for literacy and STEM subjects.

TEXO have designed the specially constructed platform, and pre-built the structure at the Port of Blyth – where TEXO Port Services is based. The steel structure is 46m in length, standing at two-and-a-half metres tall, giving pupils access to the Pacer classrooms.

The platform will soon be fitted by TEXO's highly skilled engineers and reconstructed around the train using cranes and highly skilled engineers, with children said to be excited to watch the cranes enter the school grounds. We look forward to sharing photos of the completed 'TEXO' station with you soon!



*When we learned about this wonderful project, we immediately realised that it was something for the TEXO Foundation to look at supporting. We are extremely proud to be involved in such community projects, and hope that by taking this project from concept to delivery, we are able to positively affect the lives of others in our local area. I hope this unique library is enjoyed by many for years to come.*

– **Alan Conway**, Divisional Director  
TEXO Port Services

*We are overwhelmed with the generosity of TEXO. I would like to say a big thank you to Chris Smith, TEXO Group Managing Director; Donny Marshall, Divisional Director of TEXO Engineering and Fabrication and Alan Conway for making it all happen and for providing us with such a fantastic resource. Not only will the platform provide access to the train, but it will also help to provide SEND children travel skills for the future, reading enjoyment and career aspirations. We look forward to working with TEXO for STEM projects based around the train.*

– **Dr Susan Fisher**, Headteacher

