

# MULTIPLEX

13<sup>th</sup> April 2021

## **RE: CLC Co2nstruct Zero Business Champions initiative – Multiplex**

In response to the Construction Leadership Council (CLC) Co2nstruct Zero Business Champions initiative, Multiplex is pleased to submit our commitment and look forward to the opportunity for further proactive and collaborative engagement.

It is worthwhile noting that the Multiplex Europe Net Zero Carbon Pathway is being released on the 21<sup>st</sup> April 2021. We therefore have various communications that are currently being finalized, and once they are ready we can send them to Build UK / CLC in support of the Co2nstruct Zero Business Champions initiative.

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## **MULTIPLEX - Co2nstruct Zero Business Champions initiative**

### ***Why Progress on Net Zero Carbon is important to Multiplex***

The built environment is responsible for a staggering 38% of global energy-related carbon emissions, which means the construction industry must play a key role in tackling the climate emergency. As a leader in the construction industry, our goal is to use our position of influence to maximise the positive impact we have on carbon reduction.

We are committed to taking a leadership role that empowers our supply chain and our clients to join us on the journey to net zero because we know it is the only sustainable way forward.

### ***Net Positive Sustainability Strategy***

Our Net Positive Sustainability Strategy for 2019 to 2022 is designed to foster an environment for a healthy planet, happy people, and a strong business. It contains targets and actions across five key areas:

1. Positive climate impact
2. Zero waste and circular economy
3. Net positive biodiversity and air quality
4. Responsible supply chains free from modern slavery
5. Building in sustainability and wellbeing

Our Net Positive Sustainability Strategy puts the climate emergency and carbon reduction at the heart of our business strategy, making it intrinsic to the way we operate.

## ***Net Zero Carbon Commitments & science-based targets***

We work closely with recognised industry bodies and third-party experts to educate ourselves, share knowledge and best practice, set targets, and make public commitments to achieving them.

In December 2018, Multiplex became one of the first contractors in the world to set a science-based target in line with limiting global warming to just 2 degrees by 2050 and have it approved by the Science Based Targets initiative. This represented the culmination of several years of data gathering and research.

When the Intergovernmental Panel on Climate Change (IPCC) released its special report in October 2018 recommending that global warming increase should be limited to just 1.5 degrees, we revised our initial 2 degree target. Our new target was approved by the Science Based Targets initiative in September 2019, making Multiplex the first contractor in the world to commit to the new 1.5 degree target verified by the Science Based Targets initiative.

In September 2019, we also signed our global operations up to the World Green Building Council's Net Zero Carbon Buildings Commitment – making a public commitment to only own and operate net zero carbon assets by 2030. Also in September 2019, we endorsed the World Green Building Council's report 'Bringing Embodied Carbon Upfront,' which recommends that all new buildings contain at least 40% less embodied carbon by 2030.

In June 2020, Multiplex and a number of other leading construction contractors (representing over £15 billion in annual turnover) formed UK Contractors Declare – joining a global movement to declare a state of climate and biodiversity emergency.

In November 2020, Multiplex joined SteelZero, a global initiative that brings together organisations from a range of sectors to make a public commitment to procure only 100% net zero carbon steel by 2050.

## ***Carbon Targets & Goals***

In 2019, we publicly set science-based targets through the Science Based Targets initiative, aligning with the trajectory to limit global warming to 1.5°C. Our science-based targets are:

- Reduce absolute scope 1 and 2 greenhouse gas emissions 55% by 2030 from a 2017 base year
- Key suppliers representing 95% of emissions from purchased goods will set a science-based emission reduction target by 2023.

Our Multiplex Net Zero Carbon Pathway (being released 21<sup>st</sup> of April 2021) sets out the actions we will undertake between now and 2030 to help our European operations achieve net zero carbon by 2050. This will involve advancing our business practices and influencing our peers, clients and subcontractors, so that our projects contribute to a net a zero carbon economy.

We have set targets both for our own emissions and those of our supply chain. These targets are based on a number of external factors spanning across government policies and regulations, industry commitments, academic research and science, and best practice benchmarks. They are also based on the learning journey we have been on to date, and the extensive data gathering and research we have carried out. Our targets culminate in five goals for our European operations, to be achieved by 2030:

1. Zero onsite carbon emissions by 2025
2. 50% reduction in embodied carbon intensity by 2030
3. Net zero building operational carbon s by 2030
4. Zero transport carbon emissions by 2030
5. Zero avoidable waste by 2030

Achieving these goals by 2030 will put us in the best possible position for becoming entirely net zero carbon, including supply chain emissions, by 2050.

As is evidenced above, the Multiplex Net Zero Carbon five goals span across Co2nstruct Zero's priorities for Transport, Buildings and Construction Activity, since all priorities are in some way connected. We are willing to be flexible and support either of the 9 priorities as required by the Co2nstruct Zero Business Champions initiative, however based on our assessment we believe that the Priorities are most material to our business:

- Priority 6 – Energy performance of new and existing buildings
- Priority 7 – Implementing carbon measurement
- Priority 8 – Designing our carbon and the adoption of circular economy principles
- Priority 9 – Innovative low carbon materials

### ***Climate Action Framework***

To support our Net Zero Carbon Pathway, we have developed a framework that sets out how we manage the action we take against climate change – our Climate Action Management Framework. We have designed the framework to help us to:

- Develop targets that are founded on climate science, data and regulatory obligations
- Empower our workforce and collaborate with our clients and supply chain to help us meet our targets
- Establish practical and effective actions for our projects
- Track our performance against our targets and adapt our actions where required

Our Climate Action Management Framework incorporates the key principles of the following initiatives:

- Task-Force for Climate Related Financial Disclosures (TCFD)
- Science Based Targets initiative
- World Green Building Council's Net Zero Carbon Buildings Commitment
- UK Green Building Council's Net Zero Carbon Buildings: A Framework Definition

### ***Supply Chain Collaboration, Engagement & Influence***

Focusing not just on our own business, but on our sphere of influence is the basis for our approach – Educate, Engage, Empower – championing cultural and behavioural change with our people, clients and our supply chain. Taking this action now is of fundamental importance not just to our business, but to our planet and the generations to come. This involves early engagement with our clients and informing and upskilling our supply chain, bringing them into the conversation on climate action and equipping them with the knowledge, resources and tools to eliminate carbon.

For example, we called over 100 of our supply chain business leaders to action because we want to help them to decarbonise. We are actively engaging with our supply chain through webinars, CPD events and one-to-one workshops, and we share our knowledge across the industry through articles and presentations. We are advising on building the business case, measuring carbon and setting

science-based targets so that we can encourage other companies to start progressing towards net zero carbon too.

### ***Project Case Study***


By engaging in a collaborative and proactive manner early on in the project lifecycle, collective decisions can be made to ultimately support the decarbonisation of the built environment. On our 80 Charlotte Street project, the early and proactive engagement of the team has led to a building that is all electric and has nearly a third less embodied carbon than the industry benchmark. Like all of our previous projects, at 80 Charlotte Street we have carried these learnings forward into our approach to design and construct net zero whole life carbon buildings. See here for more information: <https://www.multiplex.global/eu/news/the-journey-to-net-zero/>

### ***Multiplex Representative(s)***

For all correspondence and engagements for the Co2nstruct Zero Business Champions initiative please contact:

- Pavan Patel, Senior Sustainability Manager for Multiplex Europe
- Stephen Smith, Executive Director – SHEQ for Multiplex – Europe, Middle East & Canada

Kind regards,

A handwritten signature in brown ink, appearing to be 'S. Smith', written over a light blue horizontal line.

**Stephen Smith**

Executive Director – SHEQ

Multiplex – Europe, Middle East & Canada