

# **Timber Development UK Climate Report**

The purpose of the report is to increase the understanding of what is driving the company's greenhouse gas emissions, set targets to reduce these emissions, and ensure transparency and traceability on the journey towards net-zero.

# Methodology

The emissions or greenhouse gas accounting is based on the Greenhouse Gas (GHG) Protocol's corporate and value chain standards (ghgprotocol.org).

The GHG Protocol defines emissions in three scopes:

- Scope 1 The company's direct emissions from vehicles, combustion, processes, or leakages
- Scope 2 The company's indirect emissions from energy purchased and consumed (electricity, heating, cooling).
- Scope 3 Greenhouse gas emissions that occur upstream and downstream in the company's value chain, as a consequence of the company's operations. Examples of scope 3 emissions are purchased goods and services, transport, use and disposal of products, business travel and employee commuting.

Total greenhouse gas emissions are quantified in carbon dioxide equivalents (CO2e), which take into consideration that different greenhouse gases (carbon dioxide, nitrogen oxides, methane etc.) have different global warming factors.

# 📮 Introduction 📍

REPORTING YEAR \* 2022

ANNUAL REVENUE IN THE REPORTING YEAR \* 1991678 GBP

NUMBER OF EMPLOYEES IN THE REPORTING YEAR \*

13

NET ZERO TARGET YEAR \*
2050

# BASE YEAR \* 2022

# COMMENT ON YOUR NET ZERO TARGETS

WE ARE WORKING WITH THE INDUSTRY AT LARGE TO REDUCE SCOPE 1, 2 AND 3 EMISSIONS TO NET ZERO BY 2050. TARGETS INCLUDE: -REDUCE ROAD GOING TRANSPORT EMISSIONS INTENSITY BY 25% BY 2030, AND 50% BY 2035 - REDUCE PROCESSING/MANUFACTURING EMISSIONS INTENSITY BY 50% BY 2030 - REDUCE FORESTRY EMISSIONS INTENSITY BY 50% BY 2040 - REDUCE SCOPE 1 & 2 CARBON INTENSITY OF THE INDUSTRY BY 90% BY 2045 - REDUCE SCOPE 3 CARBON INTENSITY OF THE INDUSTRY BY 90% BY 2050 - NATURE-BASED SOLUTIONS (COMBINED WITH THE ABOVE REDUCTIONS) FOCUSED ON PERMANENT CARBON REMOVALS TO BE USED FOR OFFSETTING - THE INDUSTRY WILL SUPPORT TARGETS/INITIATIVES TO INCREASE DOMESTIC PRODUCTION AND EXPANSION OF THE DOMESTIC WOODLAND STOCK. THE TDUK EMISSIONS REPORTED HERE ARE A VERY SMALL PART OF THE INDUSTRY EMISSIONS, HOWEVER WE BELIEVE WE MUST LEAD BY EXAMPLE AND REPORT ON THE SAME TOPICS AS THE WIDER INDUSTRY.

NEAR-TERM SCOPE 1 TARGET *	TARGET YEAR *
50	2030
NEAR-TERM SCOPE 2 TARGET * 50	target year * 2030
NEAR-TERM SCOPE 3 TARGET 50	TARGET YEAR 2030

#### COMMENT ON YOUR NEAR-TERM TARGETS

WE ARE WORKING WITH THE INDUSTRY AT LARGE TO REDUCE SCOPE 1, 2 AND 3 EMISSIONS TO NET ZERO BY 2050. INTERIM TARGETS INCLUDE: - REDUCE ROAD GOING TRANSPORT EMISSIONS INTENSITY BY 25% BY 2030, AND 50% BY 2035. TRANSPORT ACCOUNTS FOR OVER HALF OF THE TIMBER INDUSTRY'S EMISSIONS. - REDUCE PROCESSING/MANUFACTURING EMISSIONS INTENSITY BY 50% BY 2030. THESE ARE OUR SECOND LARGEST SOURCE OF EMISSIONS AS AN INDUSTRY. - REDUCE FORESTRY EMISSIONS INTENSITY BY 50% BY 2040. NOT EASY TO ELECTRIFY THIS REMOTE ACTIVITY, HENCE THE LONGER IMPLEMENTATION PERIOD.

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🚆 Own emissions 📍
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SCOPE 1 EMISSIONS

SCOPE 1 EMISSIONS (METRIC TONS CO2E) \*

OWN FACILITIES \*

N/A

OWN VEHICLES \*

OWN PROCESSES \*

N/A

# SCOPE 2 EMISSIONS

SCOPE 2 EMISSIONS (METRIC TONS CO2E) \* 1.38

TOTAL ENERGY CONSUMPTION (KWH) 7140.75

PURCHASED ELECTRICITY \* 1.38 metric tons CO2e RENEWABLE ELECTRICITY (%) 40

purchased steam \* N/A

RENEWABLE ELECTRICITY (%)

PURCHASED HEATING \* N/A RENEWABLE ELECTRICITY (%)

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PURCHASED COOLING \* N/A

RENEWABLE ELECTRICITY (%)

# COMMENT ON YOUR ENERGY CONSUMPTION

WE HAVE NO SCOPE 1 EMISSIONS, AS ALL OPERATIONS ARE RUN FROM THE TDUK HEAD OFFICE WHICH ONLY USES ELECTRICITY. ELECTRICITY FOR TDUK HEAD OFFICE IS BASED ON PERCENTAGE OF BUILDING CENTRE CONSUMPTION USING THE GHG PROTOCOL CALCULATION FORMULA [8.2]: (REPORTING COMPANY'S AREA (M2)) / (BUILDING'S TOTAL AREA (M2) × BUILDING'S OCCUPANCY RATE (E.G., 0.75)) × BUILDING'S TOTAL ENERGY USE (KWH). ALL SPACE HEATING FOR THE TDUK OFFICES IS FROM ELECTRICITY.

RENEWABLE ENERGY 40

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# SCOPE 3 EMISSIONS

SCOPE 3 EMISSIONS (METRIC TONS CO2E) 162.64

### supply chain related – upstream emissions

PURCHASED GOODS AND SERVICES 129.53 metric tons CO2e

CAPITAL GOODS 22.52 metric tons CO2e

FUEL AND ENERGY RELATED ACTIVITIES

TRANSPORTATION AND DISTRIBUTION (UPSTREAM) N/A

WASTE IN OPERATIONS

BUSINESS TRAVEL 3.8 metric tons CO2e

EMPLOYEE COMMUTING 6.79 metric tons CO2e

LEASED ASSETS (UPSTREAM)

#### customer related - downstream emissions

TRANSPORTATION AND DISTRIBUTION (DOWNSTREAM) $N/A$
PROCESSING OF SOLD PRODUCTS N/A
use of sold products N/A
END-OF-LIFE TREATMENT OF PRODUCTS N/A
LEASED ASSETS (DOWNSTREAM) N/A
FRANCHISES N/A
INVESTMENTS N/A

IF YOU HAVE EXCLUDED OR HAVE NOT MEASURED ANY RELEVANT SOURCES OF VALUE CHAIN EMISSIONS, PROVIDE YOUR ESTIMATE OF THE % OF YOUR TOTAL EMISSIONS THAT IS REPRESENTED BY THESE SOURCES.

1

LIST ANY SOURCES OF EMISSIONS EXCLUDED:

## WASTE

DESCRIBE THE CALCULATION METHODOLOGY AND COMMENT ON ACCURACY: PURCHASED GOODS AND SERVICES BASED ON SPEND. BUSINESS TRAVEL BASED ON MILEAGE/KM DATA AND AVERAGE EMISSIONS FOR THE TRANSPORT MODE. COMMUTING BASED ON AVERAGE FOR EMPLOYEE LOCATION.

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### 🖗 Actions and plans to reduce emissions \*

TO REDUCE EMISSIONS IN LINE WITH MY COMMITMENT, MY COMPANY HAS A PLAN AND IS TAKING ACTION: \* YES

SCOPE 1 ACTIONS

OWN FACILITIES N/A TEXT NO SCOPE 1 EMISSIONS AT OUR OWN FACILITIES. OWN VEHICLES N/A TEXT NO OWN VEHICLES.

OWN PROCESSES N/A TEXT NO PROCESS EMISSIONS.

# SCOPE 2 ACTIONS

PURCHASED ELECTRICITY

YES TEXT

NEWLY REFURBISHED OFFICES INCLUDE PIR OCCUPANT DETECTION FOR LIGHTING. SUITABILITY FOR SUB-METERING TO BE INVESTIGATED TO OBTAIN MORE DETAILED DATA. HEATING/AIR CONDITIONING TO BE INVESTIGATED FOR EFFICIENCIES. ALL COMPUTER EQUIPMENT ENERGY EFFICIENCY RATED.

PURCHASED STEAM N/A TEXT NONE USED

PURCHASED HEATING N/A TEXT NONE USED

PURCHASED COOLING N/A TEXT NONE USED upply chain related (upstream)

PURCHASED GOOD AND SERVICES YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ CAPITAL GOODS YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ FUEL AND ENERGY RELATED ACTIVITIES YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ TRANSPORTATION AND DISTRIBUTION (UPSTREAM) YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ WASTE IN OPERATION YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ BUSINESS TRAVEL YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ EMPLOYEE COMMUTING YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ UPSTREAM LEASED ASSETS YES

TEXT

SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/

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TRANSPORTATION AND DISTRIBUTION (DOWNSTREAM) YES	
TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/	
PROCESSING OF SOLD PRODUCTS YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/	
USE OF SOLD PRODUCTS YES TEXT	
SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/	
END-OF-LIFE TREATMENT OF PRODUCTS YES TEXT SEE TDUK NET ZERO ROADMAP: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/	
LEASED ASSETS (DOWNSTREAM)	
N/A TEXT	
-	
FRANCHISES	
N/A TEXT	
-	
INVESTMENTS	
N/A TEXT	
-	

I HAVE ASKED MY SUPPLIERS TO HALVE EMISSIONS BEFORE 2030 AND JOIN THE UN-BACKED RACE TO ZERO CAMPAIGN NO

#### **Climate Solutions**

DO YOU CLASSIFY ANY OF YOUR EXISTING GOODS AND/OR SERVICES AS LOW CARBON PRODUCTS OR PRODUCTS THAT ENABLE A THIRD PARTY TO AVOID GHG EMISSIONS IN THEIR VALUE CHAIN, HERE NAMED "CLIMATE SOLUTIONS"?

YES

WHAT PERCENTAGE OF YOUR TOTAL REVENUE COMES FROM SALES OF CLIMATE SOLUTIONS?

70

PROVIDE DESCRIPTIONS/NAMES OF YOUR CLIMATE SOLUTIONS:

ALMOST ALL OUR TIMBER INDUSTRY MEMBER'S PRODUCTS ARE LOW CARBON TIMBER PRODUCTS, THAT WILL ENABLE OTHERS IN THE VALUE CHAIN TO REDUCE THE EMBODIED CARBON OF THEIR PRODUCTS, MOST NOTABLY THE BUILT ENVIRONMENT. THE REMAINING MEMBERS ARE DESIGNERS WISHING TO USE THESE LOW CARBON PRODUCTS.

METHODOLOGY USED TO ASSESS THESE AS CLIMATE SOLUTIONS:

TIMBER PRODUCTS ARE ASSESSED THROUGH ENVIRONMENTAL PRODUCT DECLARATIONS (EPDS) PRODUCED IN ACCORDANCE WITH BS EN 15804.

THIRD PARTY WHICH HAS VALIDATED THE ASSESSMENT, IF ANY: VARIOUS THIRD PARTY ORGANISATIONS HAVE VERIFIED THESE EPDS INCLUDING ENVIRONDEC AND EPD HUB.

HOW MUCH OF YOUR RESEARCH AND DEVELOPMENT BUDGET IS ALLOCATED TO CLIMATE SOLUTIONS? 100

ARE YOU INVESTING IN CLIMATE AND/OR NATURE OUTSIDE YOUR VALUE CHAIN?

NO

IS RESPONSIBILITY FOR CLIMATE STRATEGY AND ACTION CLEARLY ALLOCATED AT EXECUTIVE & BOARD LEVEL? IF YES, DESCRIBE HOW AND TO WHICH POSITIONS. YES TFXT SUSTAINABILITY DIRECTOR IS THERE BOARD LEVEL OVERSIGHT OF CLIMATE ACTION? IF YES, DESCRIBE HOW. YES TEXT SUSTAINABILITY DIRECTOR IS ON THE MAIN BOARD, AND IS REQUIRED TO REPORT ON CLIMATE ACTION ON A REGULAR BASIS. HAVE YOU ANALYZED WHETHER YOUR STRATEGY, BUSINESS MODEL AND PRODUCT/SERVICE PORTFOLIO ARE ALIGNED WITH THE LATEST CLIMATE SCIENCE? IF YES, EXPLAIN IF/HOW IT FULFILLS THIS AMBITION OR HOW IT NEEDS TO BE TRANSFORMED. YES TEXT WE HAVE RECENTLY PRODUCED A NET ZERO ROADMAP FOR THE TIMBER INDUSTRY WHICH IS ALIGNED TO SCIENCE BASED TARGETS: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ DO YOU IDENTIFY, ASSESS AND MANAGE CLIMATE RISKS? IF YES, DESCRIBE HOW. YES TEXT WE CARRIED OUT A DETAILED ANALYSIS OF THE TIMBER INDUSTRY CARBON EMISSIONS IN 2022, AND PUBLISHED OUR NET ZERO ROADMAP IN JANUARY 2023: HTTPS://TIMBERDEVELOPMENT.UK/RESOURCES/NET-ZERO-ROADMAP/ WE MEASURE OUR CARBON FOOTPRINT AS AN ORGANISATION, AND ENCOURAGE OUR MEMBERS TO IMPLEMENT THE ACTIONS OUTLINED IN THE NET ZERO ROADMAP. HAVE YOU INTEGRATED CLIMATE AND/OR NATURE INTO YOUR MISSION STATEMENT? IF YES, DESCRIBE HOW. YES TEXT OUR MISSION STATEMENT IS AS FOLLOWS: CONNECT THE SUPPLY CHAIN: BY BRINGING TOGETHER THE LARGEST SUPPLY CHAIN BODY IN THE UK, SPANNING FROM SAWMILL TO SPECIFIER, AND ALL POINTS IN BETWEEN. LEAD BEST PRACTICE: BY BUILDING THE LARGEST, COMPREHENSIVE ONLINE LIBRARY OF TECHNICAL SPECIFICATION AND DESIGN GUIDANCE FOR OUR MEMBERS. ACCELERATE A LOW-CARBON FUTURE: BY CREATING THE TOOLS, TRAINING, AND GUIDANCE TO SUPPORT THE SUSTAINABLE TIMBER SUPPLY CHAIN TO LEAD AS A NET ZERO INDUSTRY. DO YOU CONTRIBUTE TO ACCELERATING CLIMATE ACTION IN SOCIETY E.G. BY INFLUENCING PEERS, GOVERNMENTS, EMPLOYEES, AND/OR ALIGNING YOUR MEMBERSHIP IN TRADE ASSOCIATIONS WITH YOUR MISSIONS TO HALVE EMISSIONS BY 2030? YES TEXT WE WORK WITH GOVERNMENT, NGOS AND OUR MEMBERS TO PROGRESS THE USE OF TIMBER IN CONSTRUCTION, THEREBY REDUCING THE EMBODIED CARBON OF THE BUILT ENVIRONMENT. Results, challenges and outlook \* COMMENT ON RESULTS: \* THIS IS OUR FIRST YEAR OF REPORTING OUR CARBON EMISSIONS, SO WE CANNOT COMMENT ON REDUCTIONS AT THIS TIME. KEY EMISSIONS ARE FROM OUR PURCHASED GOODS AND SERVICES, AS WELL AS OUR BUSINESS TRAVEL AND COMMUTING. WE ALREADY PROMOTE ONLINE

DO YOU FACE ANY KEY CHALLENGES IN REDUCING EMISSIONS AND/OR SCALING CLIMATE SOLUTIONS? IF YES, DESCRIBE HOW.

YES

TEXT

WE ARE LIKELY TO SEE AN INCREASED DEMAND FOR OUR LOW CARBON PRODUCTS, WHICH WILL RESTRICT THE OPPORTUNITY TO REDUCE ABSOLUTE EMISSIONS FOR OUR SECTOR, HOWEVER OVERALL EMISSIONS FROM THE BUILT ENVIRONMENT WILL BE REDUCED AS A RESULT OF USING OUR PRODUCTS.

MEETINGS, RATHER THAN PHYSICAL TRAVEL, WHEREVER POSSIBLE, AND WHERE TRAVEL IS REQUIRED, RAIL TRAVEL RATHER THAN DRIVING

WHAT SUPPORT WOULD YOU NEED TO TACKLE THESE CHALLENGES?

WHEREVER POSSIBLE, AND WE WILL CONTINUE TO DRIVE THIS.

MORE RECOGNITION OF LOW CARBON PRODUCTS AND THE FACT THAT THERE MAY BE AN INCREASE OF EMISSIONS FROM THESE SECTORS, HOWEVER THIS WILL RESULT IN OVERALL LOWER EMISSIONS IN THE SECTOR.