

## Opencast Carbon Reduction Targets

Opencast Software is committed to achieving Net Zero emissions by 2040.

At the start of 2023, Opencast made a firm commitment to transforming all aspects of our business operations to ensure that we would accelerate meaningful sustainable change and align ourselves with the UN 2030 Decade of Action agenda.

As a business, we had acknowledged that previous efforts to reduce our negative environmental impact were not delivering the progress we had wanted – and that we needed greater ambition to drive long-lasting change internally and externally.

As part of this renewed focus, we worked during 2023 to bring us in closer alignment with global frameworks and develop a time-bound plan of action for the whole business.

Key changes in 2023:

1. We have set SBTi-aligned yearly reduction targets for scopes 1, 2, and 3 that will enable us to achieve netzero by 2040
2. We have set our baseline year to 2021, in line with international frameworks and current best practice
3. Our time-bound plan of action covers near-term, medium-term and long-term activities and has Executive level buy-in and oversight
4. We have implemented an Impact Purchasing Policy and a Supplier Code of Conduct focused both on sustainability and human rights.

We have also reviewed our trends overtime and the work done to date to reduce emissions:

- Scope 1 and 2 - Direct Emissions
  - Scope 1 emissions from natural gas use have already been almost phased out by converting the heating in the Newcastle head Office to electric. There are refrigeration gases to be taken into account in the 2023 emissions inventory and these will be included in the 2023 footprint. The refrigerant gases can be switched to those with a lower global warming potential or phased out by 2030.
  - Scope 2 emissions from electricity use should be reduced over time in line with an energy use per floor area of the building, which takes into account energy efficiency improvements in the building.
  - Scope 3 emissions from the value chain have been increasing and this is an area which needs particular focus now in order to halve emissions by 2030 and reach Net Zero by 2040. Particular hot spots include: purchased goods and services, employee work from home, equipment purchased, employee commute and business travel.

## Progressive reduction targets as of December 2023

The targets shown below as accurate as of December 2023 based on 2022 emissions calculations. They will be reviewed during the first half of 2024 once the 2023 emissions calculations have been completed. We will publish the most up-to-date reduction targets following yearly emissions calculations.

**Overall Goal:** To decouple carbon emissions from business growth

### Baselines and Overall Targets

Baseline year:	2021	Scope/s	Type of target
Short term target year:	2030	Net Zero Scope 1 and 2	Absolute
Long term target	2040	Net Zero scopes 1,2 and 3	Absolute
2050 target:	2050	Absolute net zero	



**SCOPE 2**

**Electricity purchased**

**There are two track options: switch to renewables and absolute reduction.**

a. Reduction and energy generation

Location based

Net Zero target	C02e t
90% reduction	0.093

% reduction

Scope 2
Through reductions or own generation
100.0

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
C02 (t)	0.87	0.93	7.98	8	4	2	1	1	0	0	0
Tonnes change		0.06	7.1	0	4	2	1	1	0	0	0
Target % reduction				0	45	45	45	45	45	45	100
% change			858.06	0	4	2	1	0.6	0.3	0.2	0.2

Solar generation

b. Switch to renewables providers

Net Zero target C02e t

Renewable tariff switch

Scope 2
80% renewables
2025

% reduction

Scope 2
Net Zero
100.0

Market based

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
C02 (t)	0.87	0.93	7.98	3	1	0.64	0	0	0	0	0
Tonnes change		0.06	7.1	5	2	1	0.26	0	0	0	0
Target % reduction				60	60	50	40	40	40	40	100
% change				5	2	1	0	0.2	0.1	0.1	0.1

**SCOPE 3**

Net Zero target	C02e t
50% reduction	161
90% reduction	32.2

Scope 3
Net Zero
42.0

% reduction

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
C02 (t)	159.07	322.01	515.58	516	477	441	408	377	349	323	299
Tonnes change		162.94	193.6	0	39	36	33	31	28	26	24
Target % reduction				0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
% change from previous year				0	39	36	33	30.6	28.3	26.2	24.2
% change from base year					7.50%	14.44%	20.85%	26.79%	32.28%	37.36%	42.06%

Scope 2
Net Zero
90.0

% reduction

	2031	2031	2033	2034	2035	2036	2037	2038	2039	2040
C02 (t)	251	211	177	149	125	105	88	74	62	52
Tonnes change	48	40	34	28	24	20	17	14	12	10
Target % reduction	16	16	16	16	16	16	16	16	16	16
% change from previous year	47.8	40.2	33.7	28.3	23.8	20.0	16.8	14.1	11.8	10.0
% change from base year	51.33%	59.12%	65.66%	71.15%	75.77%	79.65%	82.90%	85.64%	87.94%	89.87%