Anjuna Emissions Screening Report

Financial year 2019 - 2020

Total footprint 412.9 tCO2e
Number of recorded units manufactured: 39648
Total vinyl & CD discs produced: 64071
Total individual CD discs produced: 41238
Total individual vinyl discs produced: 22833

Overview

Produced using the IMPALA Carbon Calculator, this is our first label GreenhouseGas (GHG) emissions screening report for recording and distribution activities including associated and ancillary measurable activities connected to the Anjuna Label brands such as Label branded events. We have used the calculator as part of an industry initiative, with other labels partaking including Beggars Group, Ninja Tines, !k7, and more.

The calculator is not aligned to the Greenhouse Gas Protocol, or ISO standards. While not a detailed assessment, nor a legislative or compliance exercise, the screening report is a first step and more detailed reporting may need to be done in future. The screening findings illustrate hotspots for action and where to start taking action. Guidance from the internationally recognised Greenhouse Gas Protocol states a screening report helps companies understand which business activities have the most significant greenhouse gas emissions, offer the most significant reduction opportunities, and are most relevant to the company's business goals. Consequently there are limitations to this report around the granularity and level of data quality of the emissions calculated. These are summarised in the '**Report Limitations' section.**

Measuring and monitoring our emissions enables us to work towards creating a carbon footprint baseline of our business activities, and informs how we prioritise our sustainability efforts. Carbon footprint analysis is not a perfect science (yet!); calculations are based on best estimates and assumptions in some cases. Through industry engagement, leaning into the latest science, and updating estimates as available carbon emission conversion factors (EFs), data quality, and assessment processes improve, we will build an increasingly accurate picture of our business impacts.

The calculator has been developed by Julie's Bicycle and the IMPALA Sustainability Taskforce, using funds raised by the IMPALA membership including Anjunabeats. IMPALA's Carbon Calculator helps reduce the complexity of GHG emissions accounting. The calculator generates reports, which provide insight on where to focus emissions reduction efforts.

Method

The calculator methodology has been developed with label industry specific parameters led by Julie's Bicycle with input from the IMPALA Sustainability Taskforce. Unlike the Greenhouse Gas Protocol, which breaks emissions into scopes 1, 2, and 3 and categories within each scope, the calculator splits

data into business impact areas described in the **'Report Scope'** section. The calculator automates the process of converting units of business activity into tCO2e (UK tonnes carbon dioxide emissions equivalent), by multiplying the units of business activity by an emissions conversion factor. All EFs have been prepared by Julie's Bicycle. This report utilises EF methodology for 2021.

Where available, primary data is used as this data type comes from a verified source. Examples of primary data sources include usage data, such as meter readings for units of energy consumed per hour (kWh). Spend data is used where usage data is unavailable. However, EFs relating to spend data get increasingly less accurate. Using spend data helps to create an illustrative overview of our business emissions and where data quality can be improved. Future reporting efforts will aim to close gaps in missing data, and improve data collection methods.

This report covers the financial year period April 2019 - March 2020, unless specified otherwise. Data for this report was supplied from various stakeholders within Anjuna and from third parties.

Report Scope

Our reporting covers our Recording and Distributions businesses (and aspects of associated activities such as label branded events and promo). However, Involved Group also includes Involved Publishing and Involved Management for which employee emissions are covered under the same report, but does not include client (artists represented by Involved Management) emissions. This report covers emissions from the following label-related business impact categories based on available data.

Buildings
This report covers Involved Productions owned and operated properties including Office Headquarters, and Unit 27 Recording Studio. Carbon emissions resulting from buildings are calculated from energy and water consumed, as well as waste and wastewater generated.

Business Travel
Staff and Artist Business Travel data comprises passenger kilometre (km) data compiled by third party travel operators, and travel expenditure statements. Artist travel and accommodation paid for by Involved Productions for promotional and non-performance related purposes.

Commuter Travel
Commuter travel data is derived from a staff survey, Staff input mode of transport and distance travelled in kilometres (km). Commuter travel emissions are based on the 2019 calendar year.

Manufacturing - Recorded Products
Recorded product manufacturing was carried out in Germany, and the UK. Recorded product data set comprises the total number of manufactured products including vinyl, and CDs.

Manufacturing - Non-Recorded Products
Non-recorded product manufacturing is carried out in several global locations including China, Bangladesh, Vietnam, the UK and the USA, depending on the complexity of the garment for example, if a 'cut-and-sew' approach is required. Non-recorded product data set comprises the total number of t-shirts manufactured, and based on product manufactured during the 2019 calendar.

Logistics - Recorded Products
Logistics emissions include where Involved Productions pays for shipping. This includes:

- Freight of records from pressing plants to third party storage facilities based in Milton Keynes, UK and Burlington, US, for D2C fulfilment
    - From these locations recorded products are shipped directly to customers worldwide by land or air. These mail orders are not included in this report.
- Freight of records from pressing plants to third party retail distribution storage facilities based in Kent, Czech Republic, and USA.
    - In the UK and USA recorded products are shipped directly to stores from the respective central distribution centre. In Europe these products are shipped to 15

sub-distributors in the continent, who then deliver to stores.
- Distribution of mail orders from warehouse to customers.

Logistics - Non-Recorded Products
Logistics emissions include where Involved Productions pays for shipping. This includes:
- Distribution of mail orders from warehouse to customers.

'Other' / Capital goods
Spend data is used, covering computers purchased, office supplies and equipment purchased, and office repairs and refurbishment

Report Limitations

Using the IMPALA Carbon Calculator, we encountered limitations which are listed in the table below. The conversion factor methodology used to generate this report dates back to 2021. Best practice would utilise EFs from the corresponding year. However, as we are partaking in this industry initiative we are using EFs within the IMPALA calculator created using various non-verified sources and unvalidated methodologies so as to align with other labels involved in the initiative.

Impact category	***Limitation***
Commuter Travel	The IMPALA calculator does not distinguish between different types of rail travel, and uses the same EF. However there is a difference in emissions per km for national rail and London underground.
Manufacturing Recorded Product	EFs for CDs and vinyl not created using audited LCAs or EFs specific to where records are pressed or other physical products made.
Manufacturing Non-Recorded Products	The IMPALA calculator data input field for soft merchandise products is limited to the total number of t-shirts manufactured. EFs for other 'soft' merchandise products are not currently available in the calculator, however Involved Productions merchandise business manufactures other product types beyond t-shirts. Manufacturing data for non-recorded products, excluding t-shirts, is challenging to obtain owing to the limited availability of EFs for products manufactured in various global locations. As and when EFs become available, we will endeavour to include additional non-recorded product data in our reports.
Logistics	The IMPALA Calculator does not currently include EFs for spend data derived from mail order shipping financial statements, therefore we have sourced from the UK Government website.

Other limitations

A Sustainability and Environment Officer was hired in August 2021. Therefore some accuracy challenges resulted from collecting data retrospectively, and gaps in data are present owing to lack of data availability. The table below highlights key data exclusions from this report, and how we intend to work towards closing these gaps for future reporting efforts.

Impact category	*Key exclusions and assumptions*
Energy	Energy accounts for Unit 27 Recording Studio and Unit 28 residential opened in April 2020, and will be included in future reports
Business Travel	Where spend data is used, 'Economy' class is assumed for flights taken. Where number of rooms per number of nights data is unavailable, it is assumed the price per night of hotel accommodation is £150. Commuter travel is excluded owing to limitations found in the internal survey used for data collection, as there are inconsistencies around how data has been submitted. Future reporting efforts will aim to address inconsistencies and include commuting travel data.
Commuter Travel	The survey was completed by 38 staff members out of total 42 employed during the reporting year. The results have been extrapolated to reflect actual workforce size, although it is based on assumptions as to mode of transport used and distance travelled by non-respondents. Daily total km travelled per transport mode is multiplied by the average number of work days per year (approx 253 based on averages from the Office for National Statistics). Assumes petrol fuel used for own-vehicle or travel by car.
Logistics	Emissions resulting from non-recorded manufacturer to distribution centres currently unavailable
Streaming	Data available to calculate emissions from digital distribution is limited, and excluded in independent label sector reporting.

Appendices

Data sources

- Energy data is collected from energy bills and meter readings, with energy provided on green business and flexible tariffs from Octopus Energy.
- Waste generated data is derived from loads of landfill and recycling waste collected from our buildings, and obtained from waste management contractor bills.
- Data from volumetric water, or the volume of water consumed and disposed, obtained from water utility bills
- Travel data from third party operators is split into invoice date and date of travel. IMPALA reports use the date of invoice to determine which financial year the flight will be included in.
- Total nights of hotel accommodation are derived from financial statement spend data or number of rooms per number of nights data where available.
- Mail order shipping financial statements provide spend data from postage for logistics data for recorded and non-recorded products.

Carbon emission conversion factors

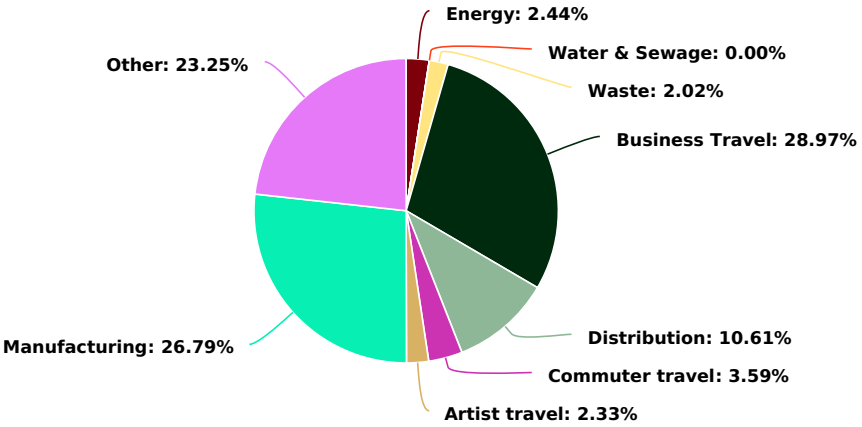
UK Government Spend Based Emission Factors
IMPALA Carbon Conversion Factor Methodology 2021

Carbon Emissions Screening Report

Total Carbon Footprint

Involved Group

2019-20: 413 tonnes CO_2e

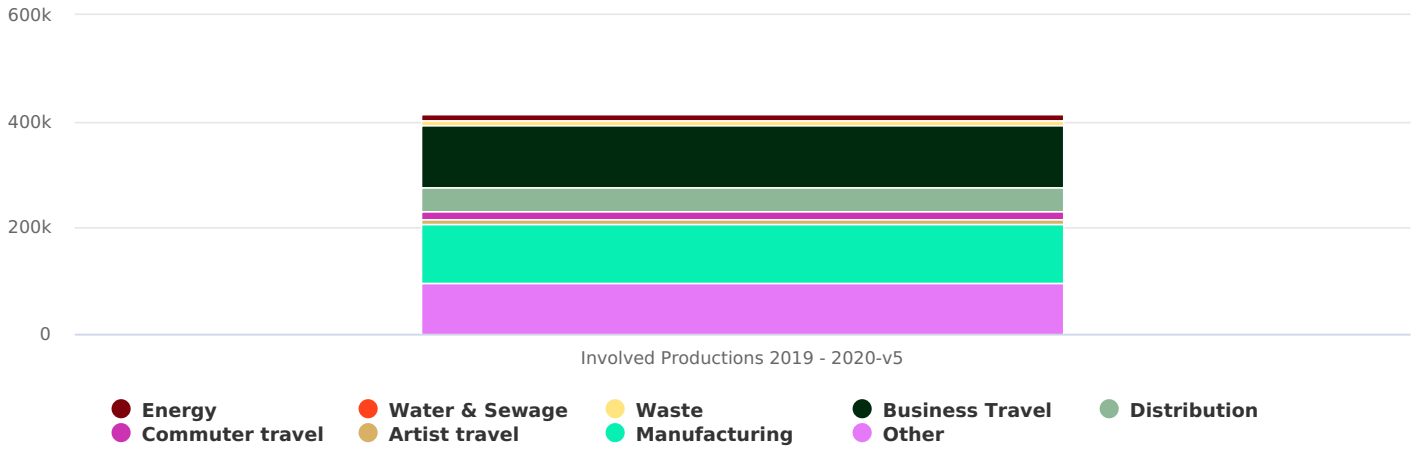


This table presents your organisation's environmental impacts in Consumption and Carbon Dioxide Equivalent (CO2e) terms.

IMPACT	CONSUMPTION	CARBON
Energy	36,368 kWh	10 tonnes CO_2e
Water & Sewage	1 m^3	1 kg CO_2e
Waste	37 tonnes	8 tonnes CO_2e
Business Travel	40,438 km	120 tonnes CO_2e
Distribution	0 km	44 tonnes CO_2e
Commuter travel	325,097 km	15 tonnes CO_2e
Artist travel	0 km	10 tonnes CO_2e
Manufacturing		111 tonnes CO_2e
Other	183,319 GBP	96 tonnes CO_2e
	Emissions Total	413 tonnes CO_2e

Emissions

2019-20

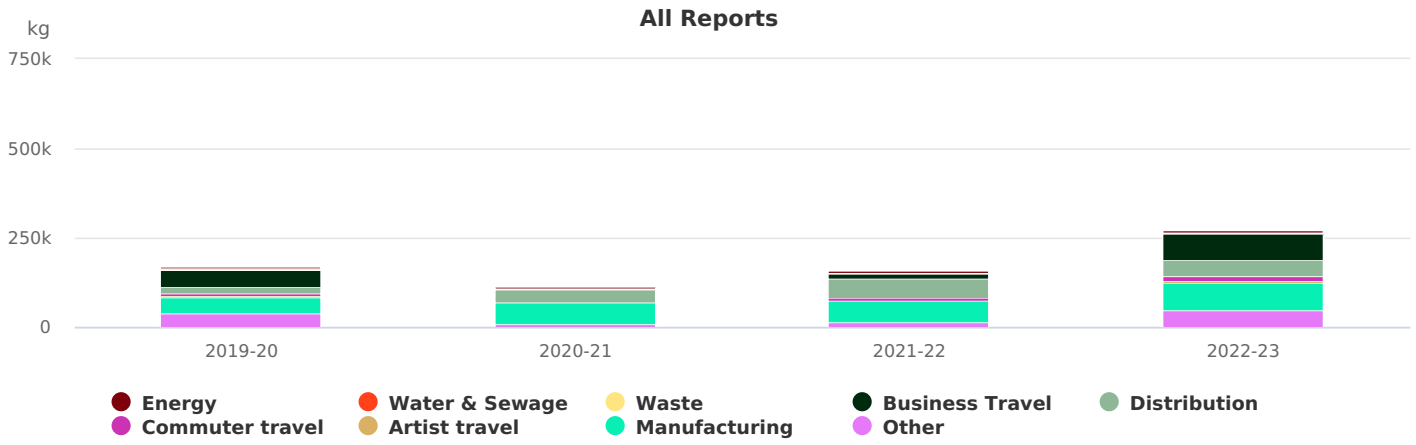


This table presents your organisation’s environmental impacts in Carbon Dioxide Equivalent (CO2e).

FOOTPRINT	ENERGY	WATER & SEWAGE	WASTE	BUSINESS TRAVEL	DISTRIBUTION	COMMUTER TRAVEL	ARTIST TRAVEL	MANUFACTURING	OTHER	TOTAL
Involved Productions 2019 - 2020-v5	10 tonnes CO_2e	1 kg CO_2e	8 tonnes CO_2e	120 tonnes CO_2e	44 tonnes CO_2e	15 tonnes CO_2e	10 tonnes CO_2e	111 tonnes CO_2e	96 tonnes CO_2e	413 tonnes CO_2e

Your emissions over time

Involved Group



This table presents your organisation’s environmental impacts in Carbon Dioxide Equivalent (CO2e) year-to-year.

YEAR	ENERGY	WATER & SEWAGE	WASTE	BUSINESS TRAVEL	DISTRIBUTION	COMMUTER TRAVEL	ARTIST TRAVEL	MANUFACTURING	OTHER	TOTAL
2019-20	10 tonnes CO_2e	1 kg CO_2e	8 tonnes CO_2e	120 tonnes CO_2e	44 tonnes CO_2e	15 tonnes CO_2e	10 tonnes CO_2e	111 tonnes CO_2e	96 tonnes CO_2e	413 tonnes CO_2e
2020-21	13 tonnes CO_2e	58 kg CO_2e	429 kg CO_2e	3 tonnes CO_2e	88 tonnes CO_2e	897 kg CO_2e	0 kg CO_2e	150 tonnes CO_2e	19 tonnes CO_2e	275 tonnes CO_2e
2021-22	14 tonnes CO_2e	35 kg CO_2e	1 tonnes CO_2e	34 tonnes CO_2e	133 tonnes CO_2e	19 tonnes CO_2e	0 kg CO_2e	150 tonnes CO_2e	32 tonnes CO_2e	384 tonnes CO_2e
2022-23	14 tonnes CO_2e	635 kg CO_2e	2 tonnes CO_2e	177 tonnes CO_2e	113 tonnes CO_2e	31 tonnes CO_2e	12 tonnes CO_2e	191 tonnes CO_2e	118 tonnes CO_2e	659 tonnes CO_2e