

# Annual Carbon Footprint Report

Reporting Year 2022

## Organisational Boundaries



We have used the operational control approach to establish the organisational boundary of carbon reporting. As defined by the GHG Protocol, this includes operations where we have the full authority to introduce and implement operating policies. Under this approach, 100% of GHG emissions from all owned and leased facilities over which Jackson Coles has direct operational control are included.\*

## Operational Boundaries

All GHG emissions associated with the organisational boundary operations are included and categorised as Scope 1 (direct), Scope 2 (required indirect), and Scope 3 (optional indirect) emissions.

- Scope 1** Direct Fuel Combustion from boilers and company vehicles, and fugitive emissions from refrigerants.
- Scope 2** Purchased Electricity (Location and Market based)
- Scope 3** All emissions relating to business operations:
  - Transmission and Distribution losses from electricity,
  - Water-use and wastewater,
  - Business travel (all transportation by air, public transport, rented vehicles, business mileage, and taxi), and hotel stays
  - Employee Commute
  - Purchased goods (including electronics and material goods)
  - Paper use
  - Office Waste Generated
  - Food and Drink and Company Events

## Results

<b>Scope 1</b>	7.90 tCO <sub>2</sub> e
<b>Scope 2</b> Market-Based (used in total)	5.60 tCO <sub>2</sub> e
Location-Based (not used in total)	8.91 tCO <sub>2</sub> e
<b>Scope 3</b>	49.08 tCO <sub>2</sub> e
<b>TOTAL</b>	<b>62.59 tCO<sub>2</sub>e</b>

**No emissions have been knowingly excluded.** We will continually re-evaluate our operations and will strive to encompass all emissions under the operational boundary defined.

Alectro Ltd were contracted by Jackson Coles to independently calculate the carbon footprint according to The GHG Protocol Corporate Accounting and Reporting Standard. The project calculated the carbon footprint in units of carbon dioxide equivalent emissions (CO<sub>2</sub>e) over the **period of analysis from 1st January 2022 - 31st December 2022.**

Jackson Coles completed this project with an intention to operate with environmental responsibility in perpetuity. Alectro continue to help drive continuous improvement in day-to-day operations as Jackson Coles aims to align with The Paris Agreement, pursuing efforts to limit the temperature increase this century to below 1.5 degrees Celsius.



## Offsetting Our Emissions

To offset our 2022 emissions we have supported the following offset project :

**300 MW Solar Plant at Bhadla, Rajasthan**



The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 492,382 tCO<sub>2</sub>e per annum, thereon displacing 525,600 MWh/year amount of electricity from the generation-mix of power plants connected to the Indian electricity grid, which is mainly dominated by thermal/fossil fuel based power plant.

### Certified SDG Impacts



### Status



Gold Standard  
Certified Project

\*In line with the World Resource Institute (WRI) GHG Accounting and Reporting Principles, this analysis and report have been conducted to ensure that the information is a true and fair account of JacksonColes and its current situation.