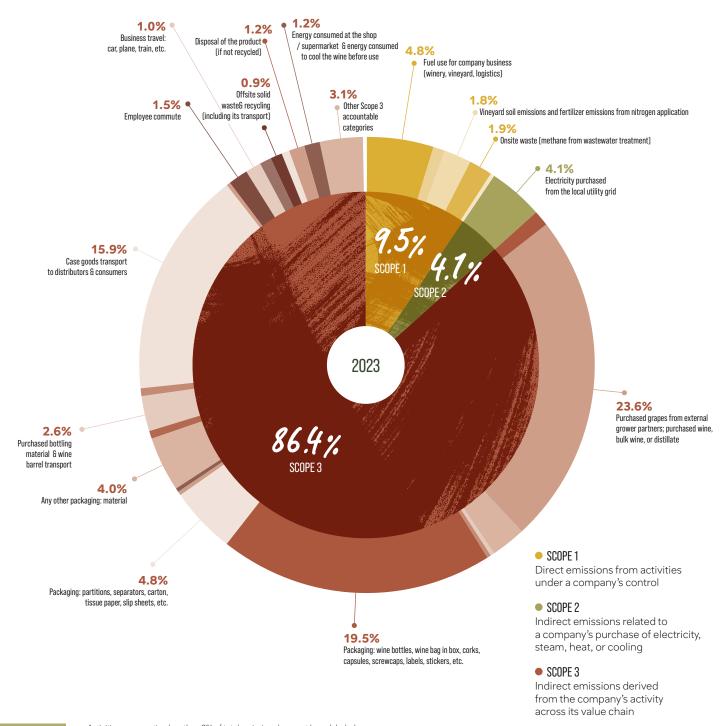
## **IWCA Average Winery Emissions 2023**

We crunched the SCOPE 1, 2 and 3 numbers across the IWCA membership to understand the sources of emissions from throughout the entire wine value chain.

The averages displayed here are calculated from 39 IWCA member wineries' baseline GHG inventory data, third-party audited and adhering to ISO-14064 standards.



Activities representing less than 2% of total emissions have not been labeled.

See all emissions categories that must be accounted for by IWCA Members' inventories here.

Scope 2 data include a mix of location-based and market-based emissions.