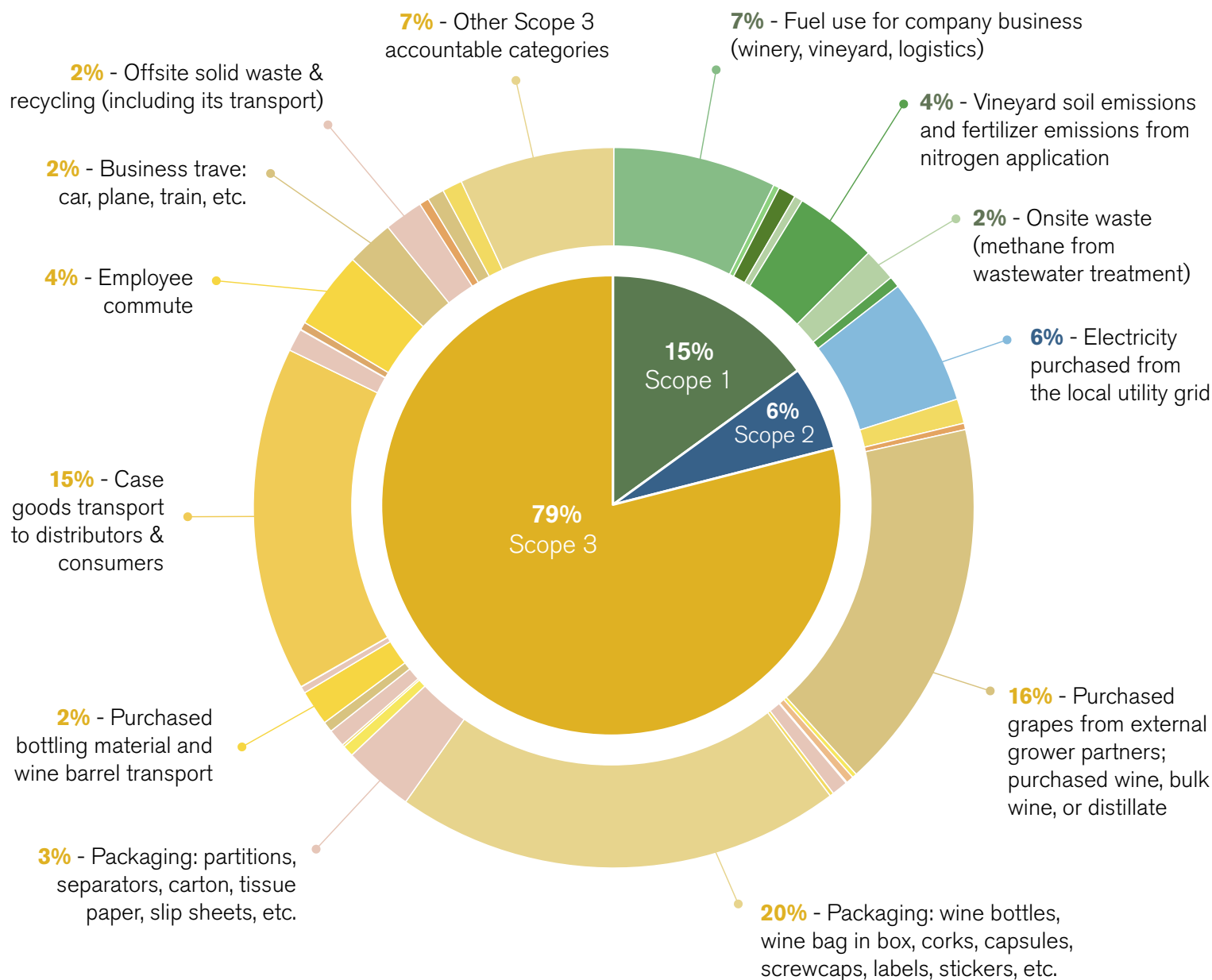


Greenhouse Gas Emissions (GHG) “Hotspots”



Where do GHG emissions come from in the wine value chain? Shown below is a proportional breakdown of GHG emissions by category in the wine value chain. The averages displayed here are calculated from 34 IWCA member wineries’ baseline GHG inventory data, which have been third-party audited and adhere to ISO-14064 standards.



SCOPE 1: Direct emissions from activities under a company’s control

SCOPE 2: Indirect emissions related to a company’s purchase of electricity, steam, heat, or cooling

SCOPE 3: Indirect emissions derived from the company’s activity: that is, any emissions not under the direct responsibility of the firm that are spread across the company’s value chain

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

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