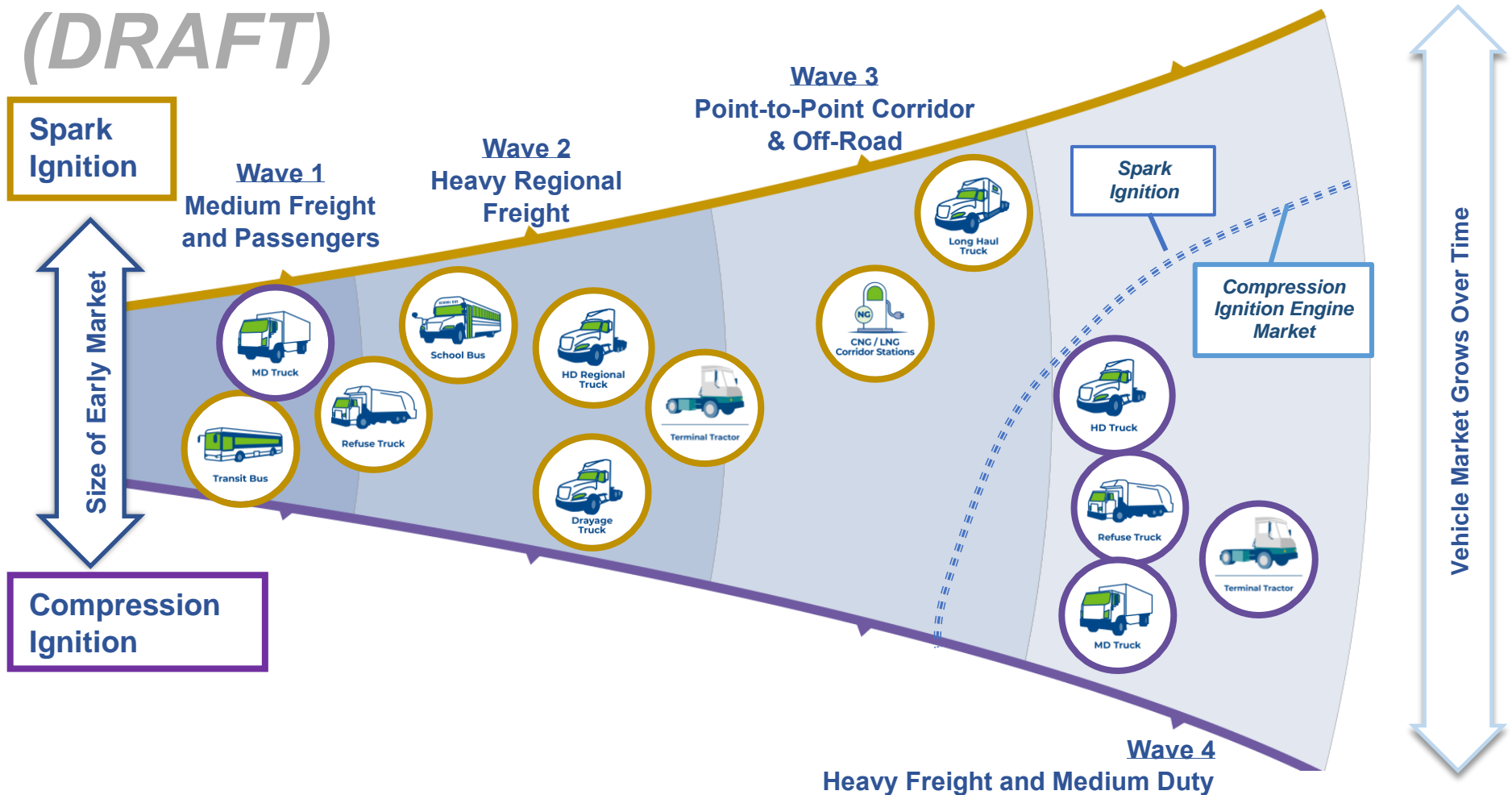


The Beachhead Model: Low NOx Pathway

(DRAFT)



Market Progress Over Time

Technology upgrades and infrastructure installations enable heavier spark ignition applications

Medium duty vehicles make best initial applications for spark ignition engine families

Compression engine market grows rapidly at time of regulation, impacting high volume heavy applications