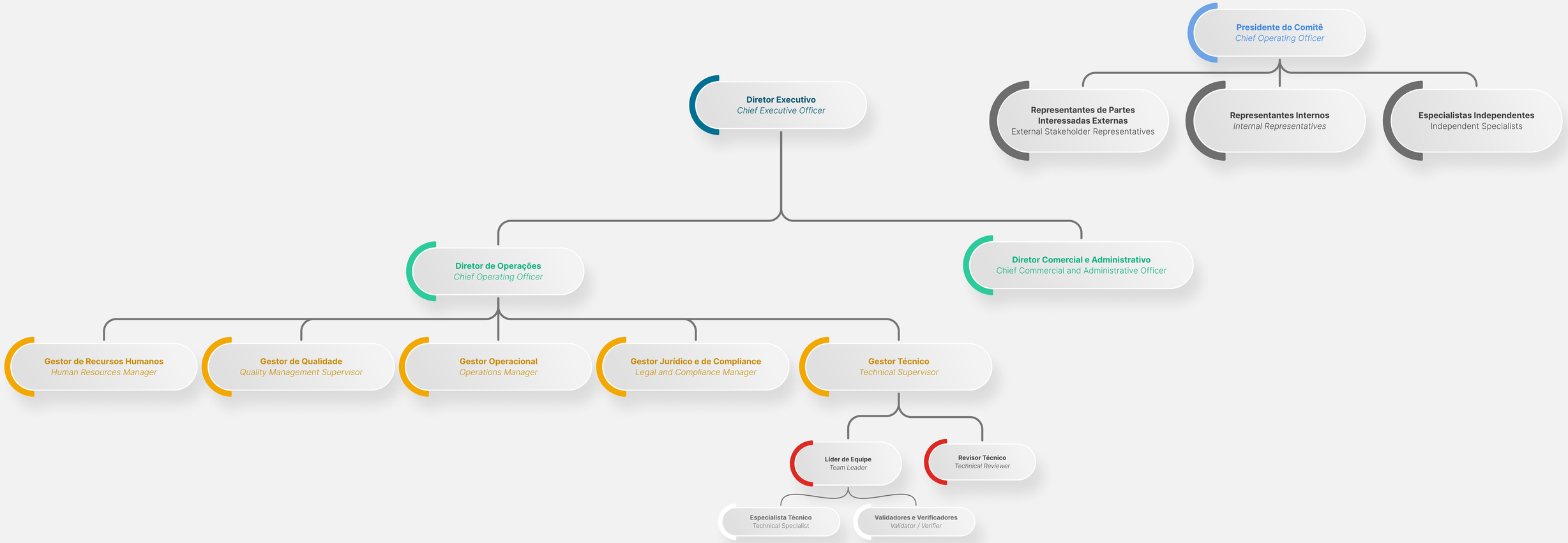DOE SAFECARBON