Abstract: Sustainability and environmental impact are areas of growing importance to many of Ford’s fleet customers. In recent years, many new green vehicle technologies have emerged, which present organizations with an opportunity to increase the fuel economy of their fleets. “Fleet Purchase Planner (FPP)” (patent pending) is a software system we’re developing to assist Ford’s fleet customers in planning their purchases. This talk will introduce FPP, the modeling framework we use and the underlying mathematics.