HIGHLIGHTS

ECODRIVING PILOT PROJECT
FOR LIGHT-DUTY VEHICLES

ecomobile

A large-scale project

- That features the participation of **93 drivers** from five different organizations;
- That uses **automatic control instruments** in all vehicles such as capture units to record the information serving to quantify and qualify how participants drive;
- That includes a one-day ecodriving **training** course;
- That provides continuous follow-up with respect to real-time operation, energy performance evolution and driving habits for close to **1 year**;
- That can provide pre- and post-training data **comparisons**.

A rigorous methodology

- That collects fuel consumption data **several times per second**;
- That features a **control group** (as opposed to a training group) which is used to extract the incidence of external factors to produce the net effect of training activities;
- application de **tests statistiques** afin de That applies **statistical tests** to keep only the results that are not likely to be produced randomly;
- That contains **no direct interaction** with drivers to minimize potential bias.

Genuine results –
Ecodriving application rate

Among all the drivers who followed the training, **52%** of them applied ecodriving principles on the highway while **56%** of them did so in the city in the first month after training
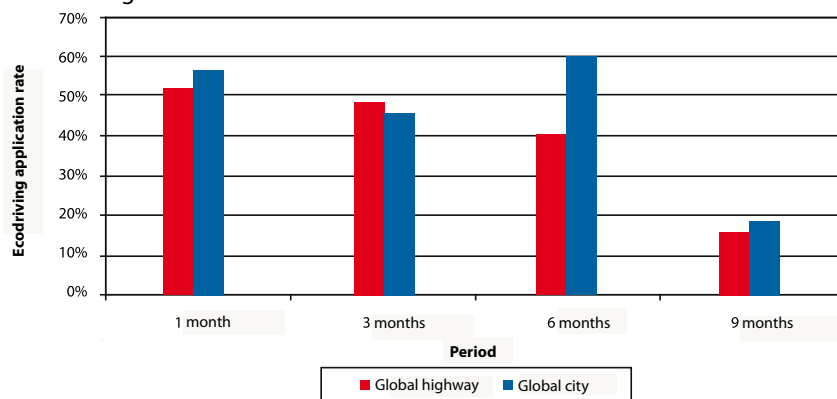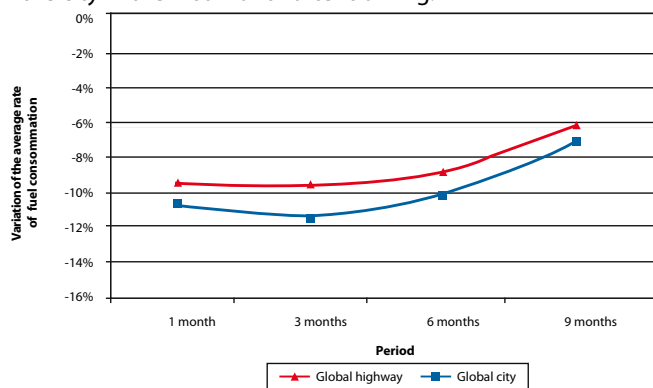

WITH TIME…

The application rate is relatively stable for a period of **6 months** but then it falls significantly due to decreased motivation and lack of feedback.

Genuine results –
Average fuel consumption rate

Ecodrivers reduced their average rate of fuel consumption by **9.5%** on the highway and **11%** in the city in the first month after training.

WITH TIME…

The decrease in the average rate of fuel consumption among ecodrivers is also stable for a period of **6 months** before a drop in the effective application of ecodriving principles is observed.

Ressources naturelles et Faune

Québec