Avoid Shift Improve – Energy Efficiency

Energy efficiency
(More with less)

System efficiency
Organisation of land use, social and economic activities to reduce need for transport

Travel efficiency
Use of energy-efficient modes to reduce energy consumption per trip

Vehicle efficiency
Optimising vehicle technologies to consume as little energy as possible

Avoid
Avoid or reduce travel or the need to travel

Shift
Shift to more energy efficient modes

Improve
Improve efficiency through vehicle technology

Transport activity
Total transport activity of passengers and freight (pkm / fkm)

Modal share
Percentual share of each transport mode (%)

Energy consumption
Energy consumption per kilometer and carbon intensity of fuel mix (MJ/km and CO2/MJ)

Carbon emissions
(Transport activity x modal share x energy consumption)