

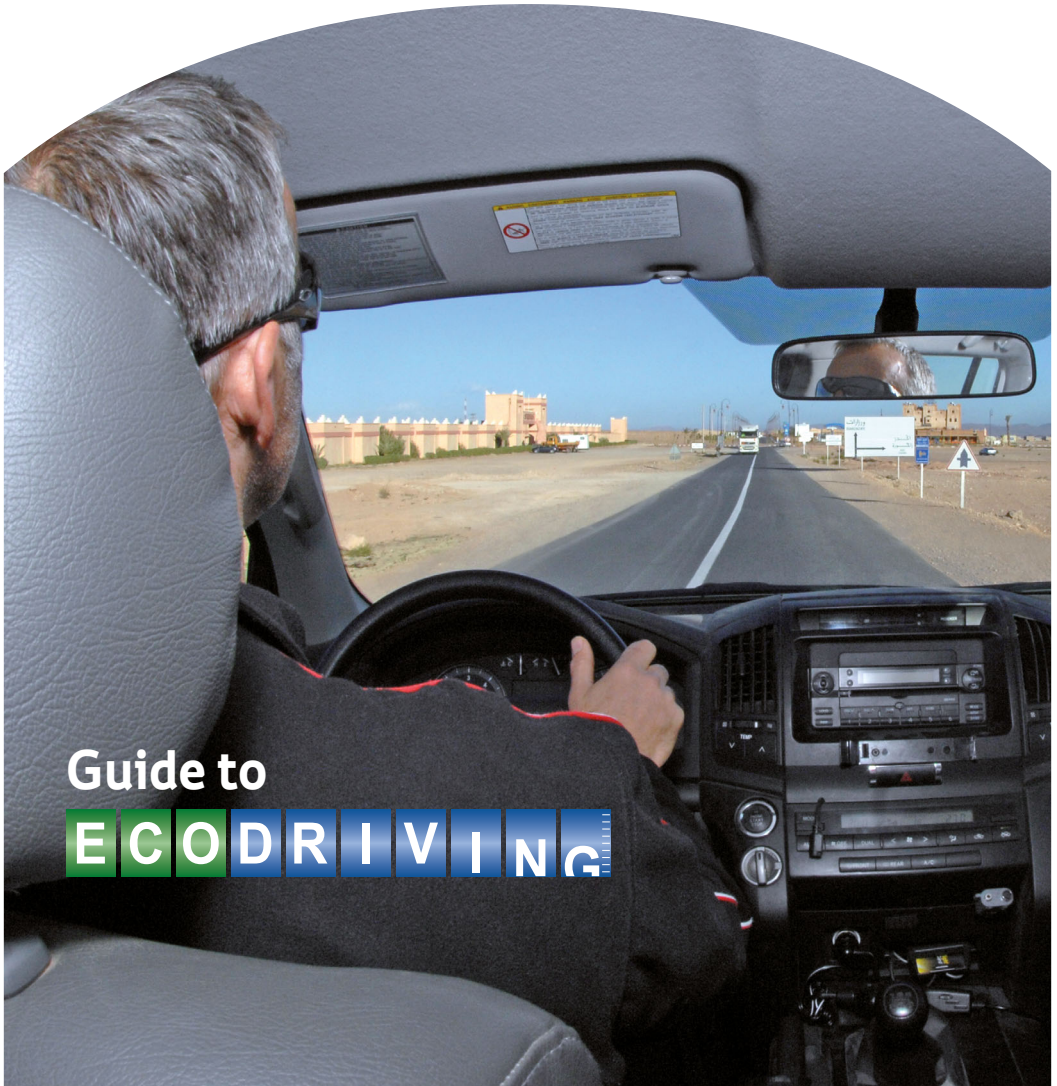


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## Guide to

# ECODRIVING

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# What is eco-driving?

- **Eco-driving** = Safer - driving with anticipation and in a more careful way.
- **Eco-driving** = Greener - reduced environmental impact with less CO<sub>2</sub> emissions and noise pollution.
- **Eco-driving** = Cheaper - reduced fuel and maintenance cost (15% saving according to IFRC Pakistan pilot).

## Eco-driving savings

### Open windows

can increase fuel consumption by an average of 5%

### Air conditioning

can result in 10-25% extra fuel consumption

### Roof load

increases wind drag and therefore consumption:

Roof load (speed of 120 km/h)	Increased consumption
Luggage rack	5-10%
Loaded luggage rack	35-40%

Shifting up gear earlier can result in 8% saving



■ Diesel 1500 - 2000rpm

■ Petrol 2000 - 2500rpm

### Low tyre pressure

results in higher fuel consumption (up to 3% extra from 0.5 bar too low).

Tyre pressure can fall by 2.5-5% after one month, and by 20% after five months

## How to eco-drive

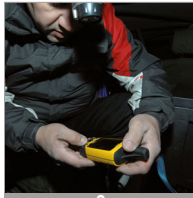
### Starting



1

Remove any extra weight and roof load

An extra 50kg can reduce mileage by 2%



2

Plan your route and avoid detours



1km

3

Avoid using your car for short journeys



4

Check your tyre pressure regularly



5

Service your vehicle according to owner's manual

Change oil and air filters as recommended - can improve fuel consumption by 10%

### Driving



Diesel 1500 - 2000rpm  
Petrol 2000 - 2500rpm

6

Shift up gear earlier

Reving the engine unnecessarily wastes fuel



7

Only use electrical accessories when necessary (e.g. a/c)

Rule of thumb: under 65km/h open windows, over 65km/h use a/c



8

Follow and anticipate the traffic flow

Avoid unnecessary stopping and starting



9

Keep your window closed (use ventilation system when possible)



10

Switch off your engine if you have to wait longer than 1 minute

up to 1 litre per hour