

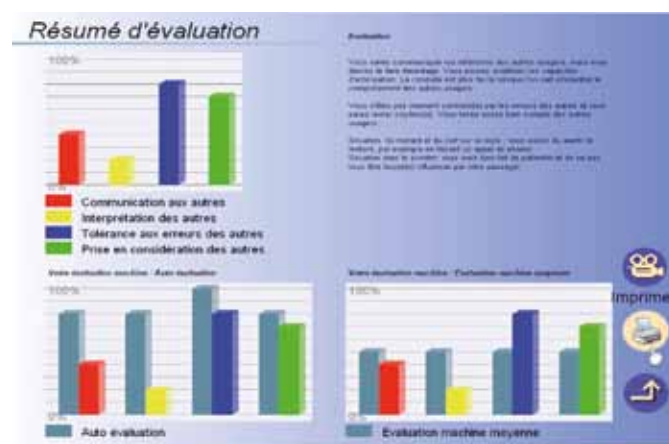
## Driving environment

- ✓ **Modelling and sound restitution** of the surrounding activity (weather, landscapes, traffic, road network...),
- ✓ **Evaluated driving** allowing to use **different environmental parameters** (city, countryside roads, manoeuvre area).



## Report

- ✓ At the end of the driving session, **the application gives all details** of the mistakes made by the student in number and also in term of length (ex. : high speed during more than 30 seconds),
- ✓ Reports of student's driving can be sent by email.



## Vehicle's dynamic behaviour

- ✓ **Dynamic result for a realistic feeling of driving** (acceleration, forward and rear braking, engine brake, ground grip) bridled and unbridled system,
- ✓ Simulation of a behaviour **under the influence of alcohol**, alcohol rate calculator integrated.

## A rich and structured pedagogic content

- ✓ **Control of the motorcycle** (manoeuvre, braking distance...),
- ✓ Elementary **driving situations**,
- ✓ **Road risk prevention and awareness** (simulation forcing students to respond to various potential hazards, surrounding traffic, pedestrians, etc.),
- ✓ Evaluated driving (manoeuvre area, country, city).

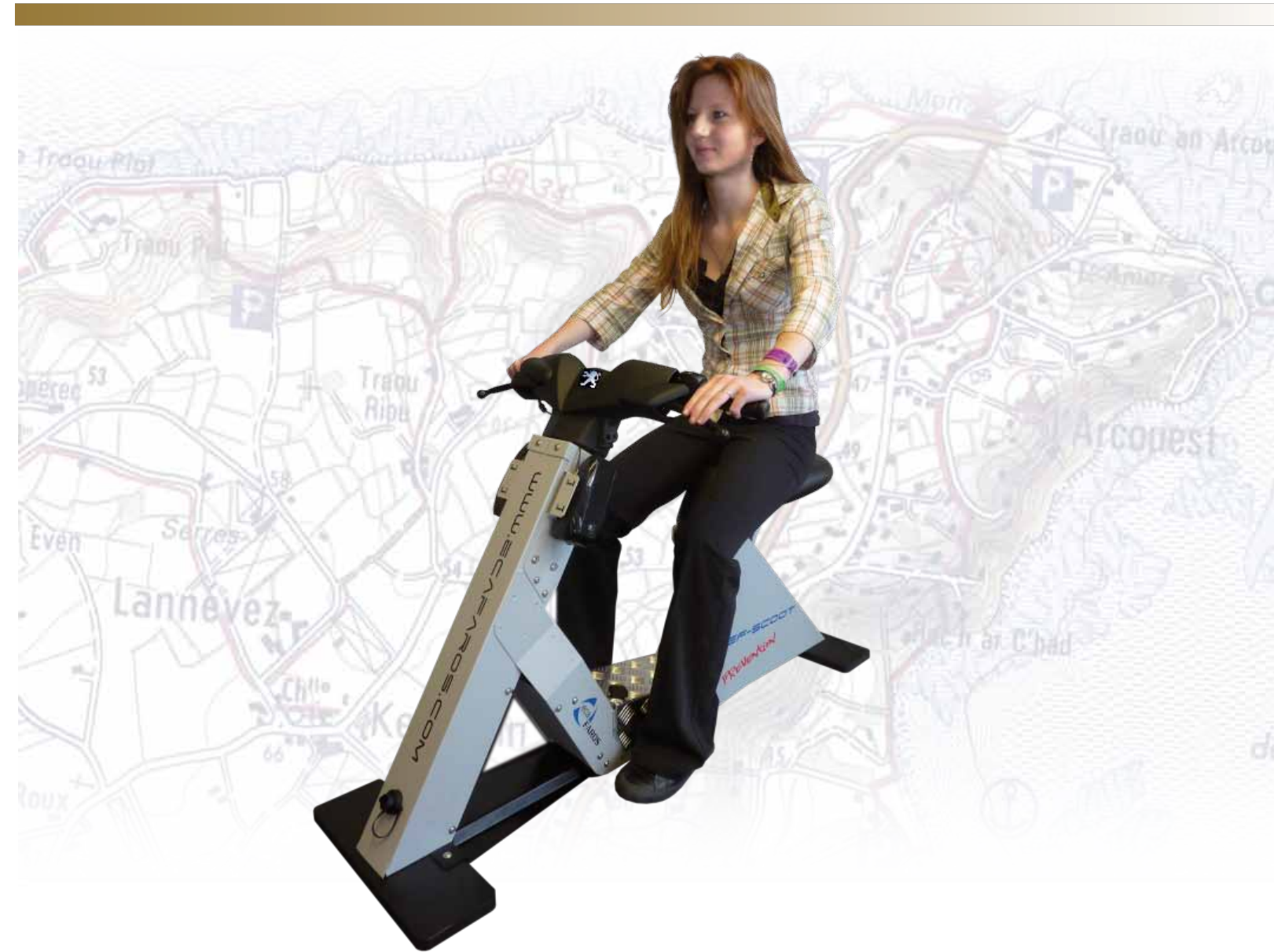
## Eco-driving

At the end of the evaluated driving session, values of consumption and of CO2 emissions are presented, allowing to approach other educational topics (maths, ecology, etc.) with an opening on sustainable development.



# EF-SCOOT

Your partner for Road Safety

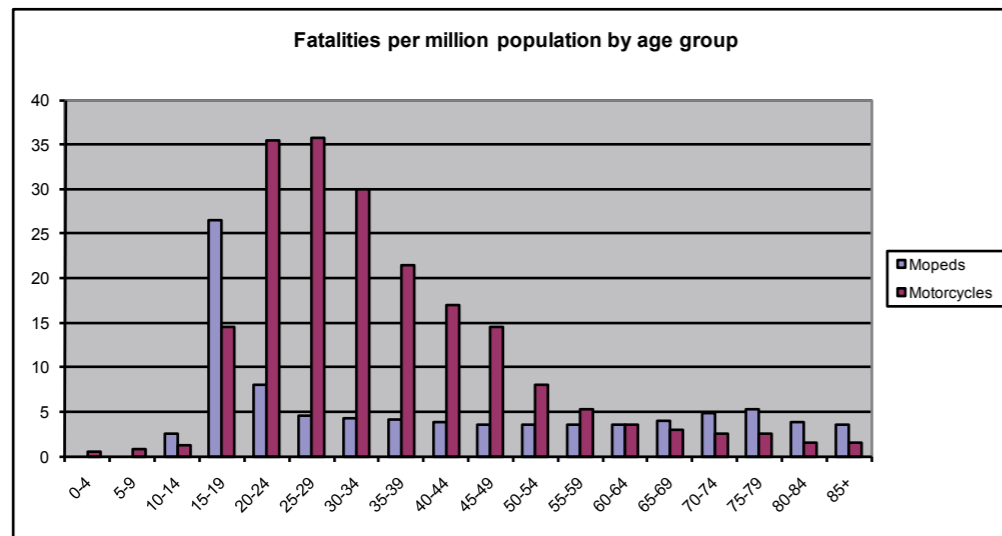


**EF-SCOOT SIMULATOR: A Tool To Prevent & Make Teenagers Aware Of Traffic Risks**

Accident research data for mopeds and motorcycles show us that cohabitation of these types of vehicle with other road users and their driving attitude are a major issue for road safety.

### Some figures

- ✓ For the 15 to 24 years old, traffic accidents are the first factor of mortality and handicap,
- ✓ 30% of motorcycles and mopeds fatalities concern people younger than 25 years old within the European Union,
- ✓ During the decade, the number of motorcycle rider fatalities has increased by 2,2% per year in the EU.



### Main objectives of EF-SCOOT simulator

- ✓ Facilitate the role of the **speakers of road safety** by bringing them an **educational tool**, a **methodology** and a **culture** necessary to elaborate their educational project,
- ✓ Reinforce the acquisition of **knowledge, know-how** and **better behaviours** towards the traffic dangers,
- ✓ Make teenagers aware of **road risks specific to mopeds and motorcycles** (speed, loss of control, lack of anticipation, vulnerability) and make them conscious of risks linked to **drunk driving**.



### An innovative and suitable simulator

#### Driving equipment

- ✓ A **strong material** using genuine manufacturer parts,
- ✓ A realistic **force feedback**,
- ✓ An appropriate ergonomics.



#### Mobility

- ✓ The simulator is composed of two parts, front and rear, which get together mechanically in a **few seconds**,
- ✓ The simulator is designed to fit in the **boot** of a city car,
- ✓ Only **one USB cable** links the simulator to the laptop,
- ✓ The total weight of the assembled simulator is 25 kg, the front part weights **less than 15 kg**.

#### Multimedia supports library

- ✓ A teaching tool rich in **video contents, statistics, theoretical documents, web links, etc.**,
- ✓ It ensures the speakers to illustrate and reinforce **key messages of traffic safety**,
- ✓ It is easy for the speakers of road safety to improve the content of this multimedia library.

