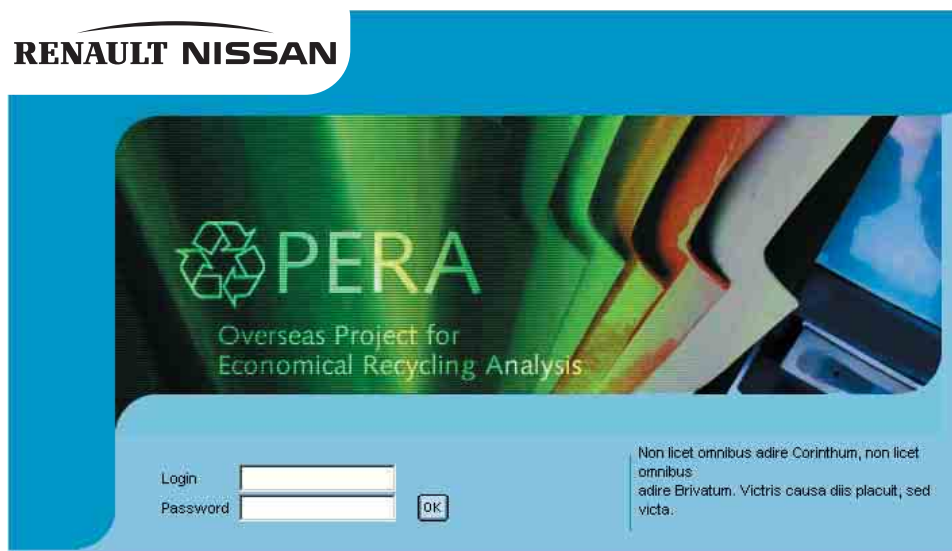


# OPERA Recycling Simulation System

Renault S.A. and Nissan have jointly developed the OPERA system for conducting recycling simulations at the development stage to calculate the recyclability rate and recycling cost of end-of-life vehicles (ELVs) based on design data. This system facilitates studies of recyclable designs with the aim of promoting economical and efficient recycling activities.



OPERA stands for **O**util de **P**ilotage **E**conomique du **R**ecyclage **A**utomobile, which means the overseas project for the recycling cost calculation system.

- The recyclability rate and recycling cost are calculated on the basis of design data.
- Simulations are run based on actual recycling operations.
- Using the common database shared by Renault and Nissan, the recyclability rate and recycling cost of ELVs can be calculated according to the recycling situation in individual European countries, in addition to making calculations for ELVs in Japan.

