



**1st UITP
Sustainable Development
Conference**

**Sustainable Cities and
Public Transport-
Bringing Quality to Life**

18-20 October 2006 Bilbao Spain



1st UITP Sustainable Development Conference



Sustainable Cities and Public Transport- Bringing Quality to Life
18-20 October 2006 Bilbao, Spain

Reporting across borders



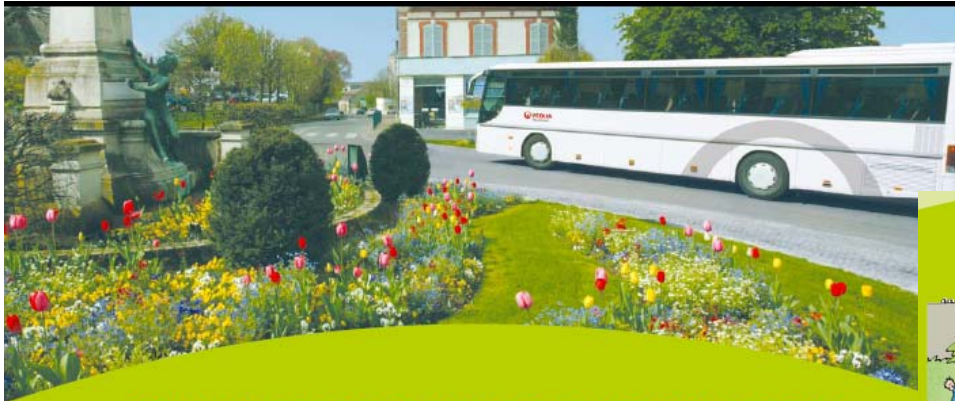
Dominique Delis
Sustainable Development and Quality Director

23 SD correspondants in the world



Veolia Transport - Key figures

- Operates in 27 countries
- 72 300 employees
- 30 800 vehicles
- **1.6 billion km travelled**
- **2.5 billion of passengers / year**
- Energy consumption 7,34 Twh
 - Fuel 5,13 Twh
 - Electricity consumption 2,20 Twh
- GHGE emission 1.5 M T CO2
- Polluting CO2 avoided (approximately) >2 Million Tonnes



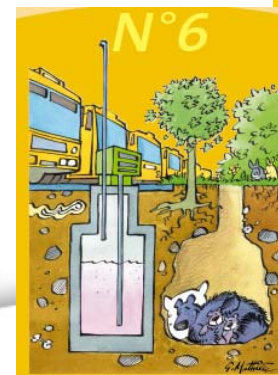
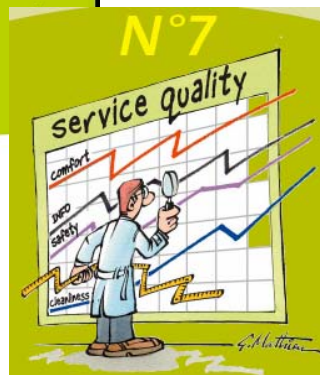
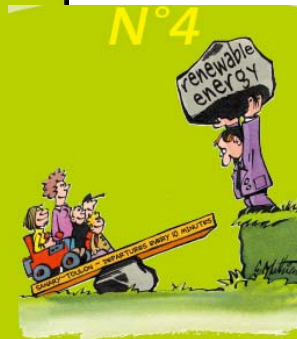
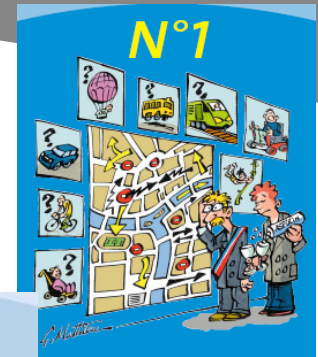
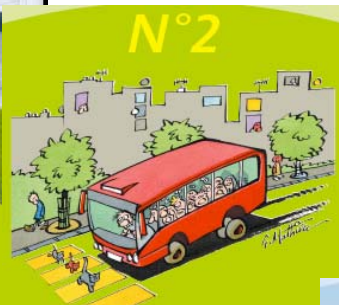
SUSTAINABLE DEVELOPMENT CHARTER

7 COMMITMENTS

- 1 • Serve local authorities, companies and all inhabitants by managing a truly sustainable mobility
- 2 • Train all staff on sustainable development issues
- 3 • Make the public transport networks accessible to all
- 4 • Promote, in particular through innovation, the public transport, and the freight by rail, safer and less polluting
- 5 • Manage our resources, reduce pollution and clearly measure our environmental efficiency
- 6 • Control and manage operational environmental risks
- 7 • Improve service quality, the way forward for progress

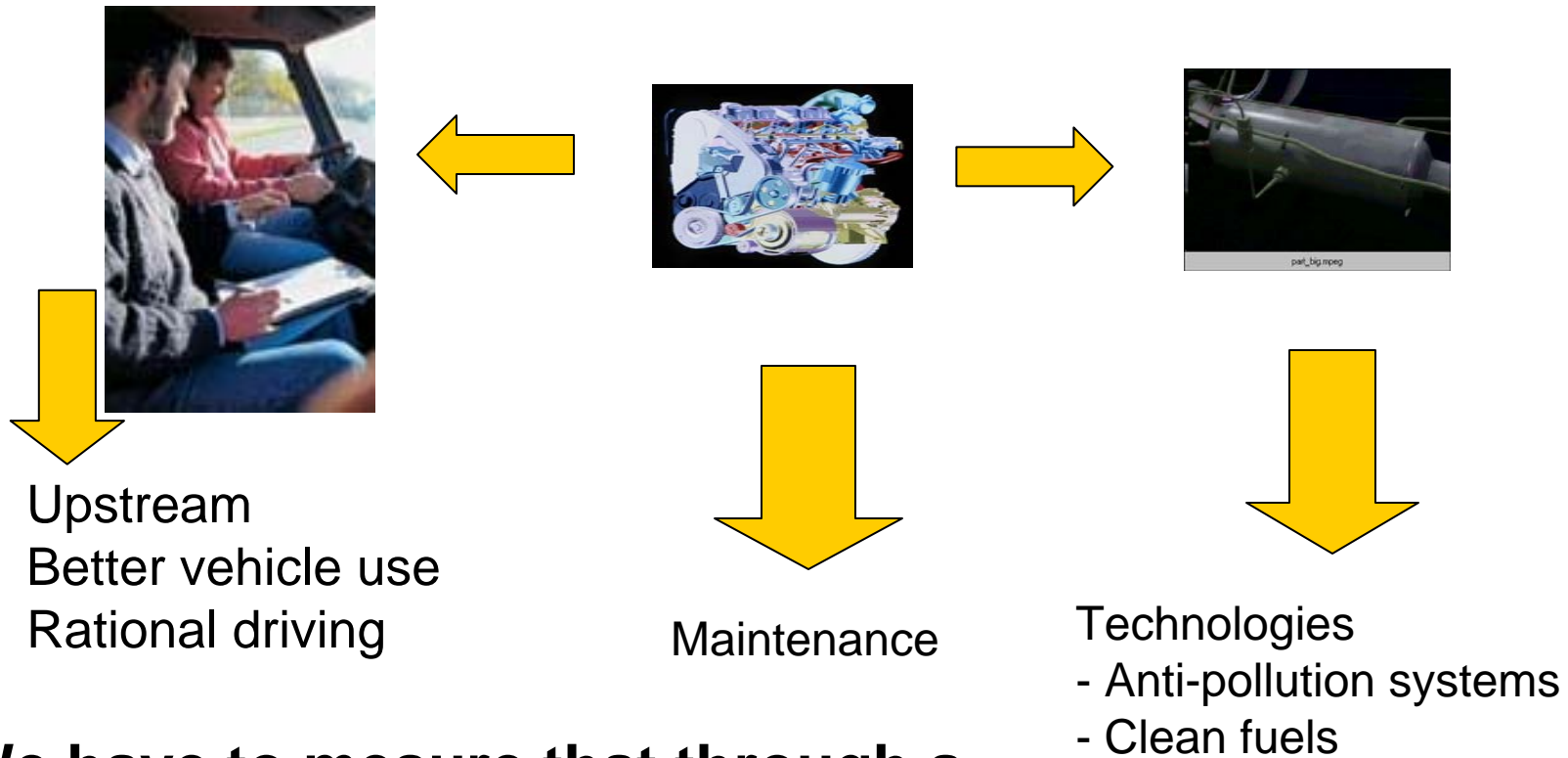
Chief Executive Officer

Stéphane RICHARD



Reducing pollution from buses...main objective

■ How ? Which actions are realised ?



We have to measure that through a yearly environmental questionnaire sented to our 750 sites

since 2002 the three objectives of the Environmental Management System (EMS)

Objective 1

To check for the environmental compliance of 100% of Veolia Transport priority sites around the world by end of 2005 - realised

Objective 2

To train 90% of company drivers on environmentally-minded driving techniques during the first 5 years of their career inside the group

Objective 3

To reduce polluting emissions in cars and buses in the following proportions realised at the end of 2005:

	realised at the end of 2005:	by end to 2008 :
- CO	- 20%	- 8 %
- HC	- 16%	- 14%
- Particles	- 22%	- 15%

For NOx, research is currently under way to select the best process by which to limit harmful emissions

Annual environmental reporting 2005

Scope = 95,5 % of turnover

Scope covers passenger transport and freight activities and concerns

95,5% of Turnover (4,040 Billion Euros) and on 751 operating sites

Total turnover VT = 4,350 Billions 'Euros

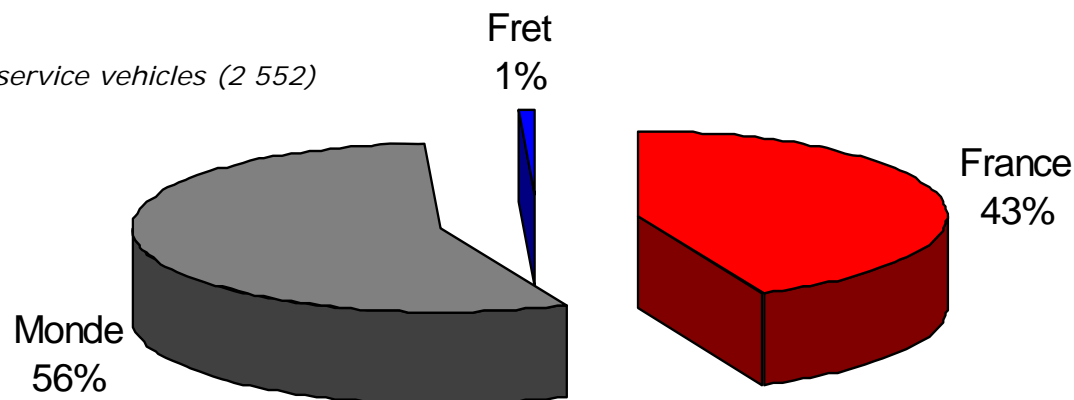
Total Manpower = 72 302 persons

Including 25 countries

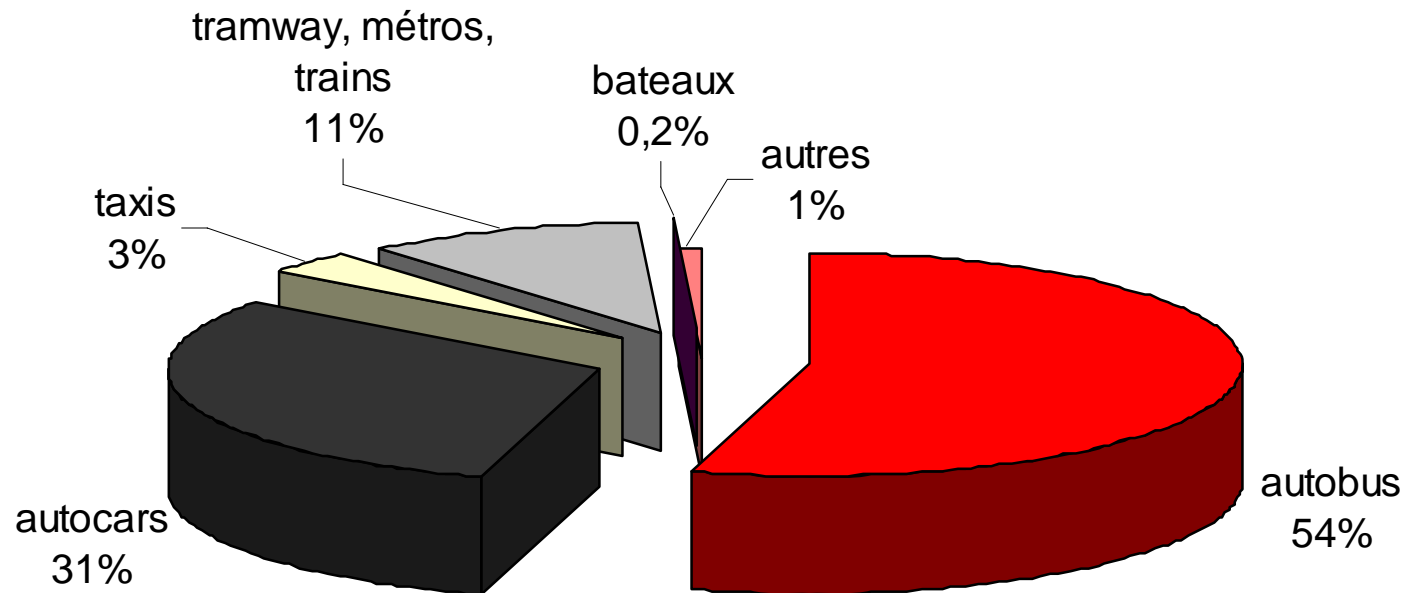
Number of vehicles = 30 757 + 11 % compared to 2004

France : 13 350 International : 17 15 Freight : 253

This figures do not include service vehicles (2 552)

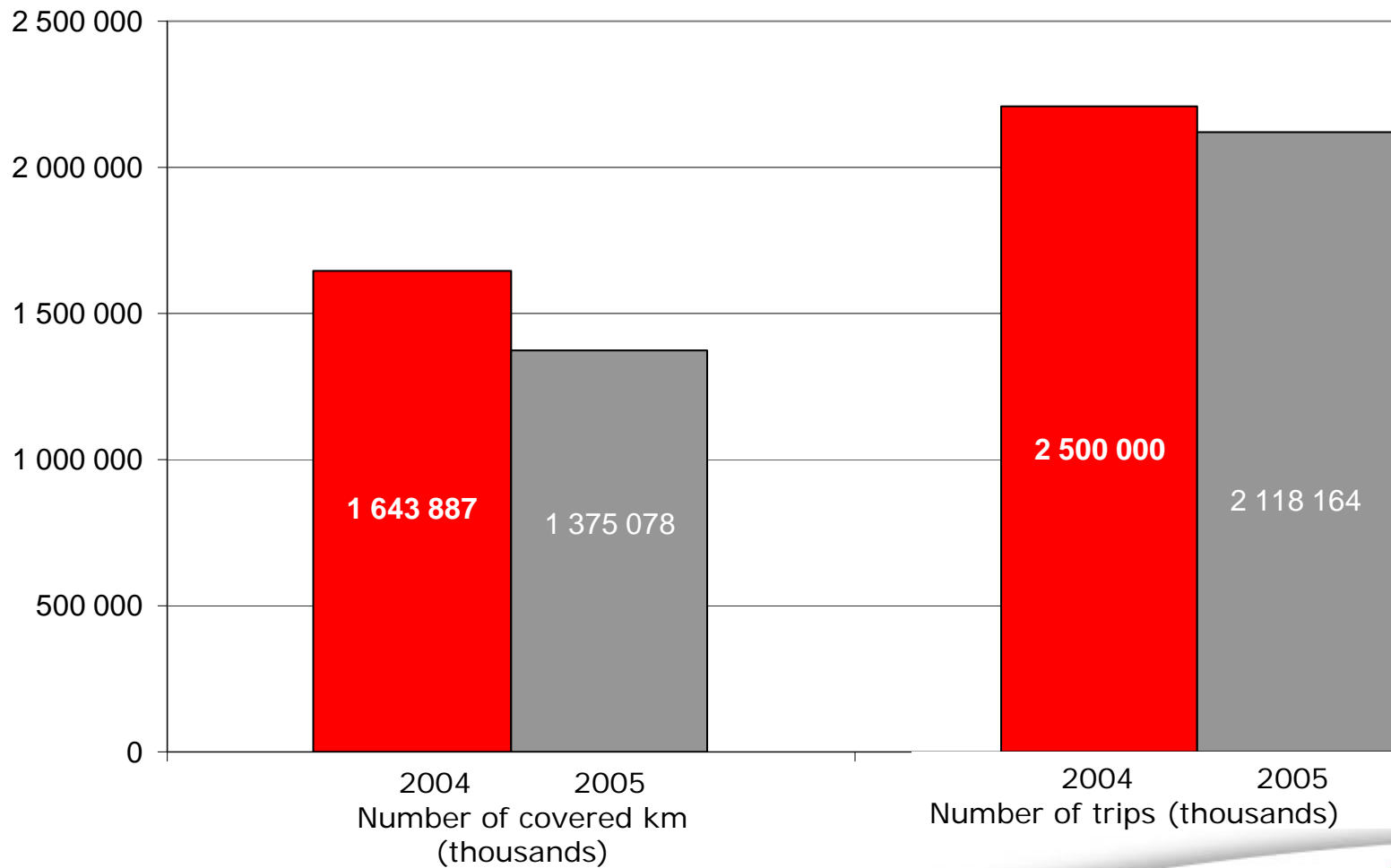


■ Per vehicle



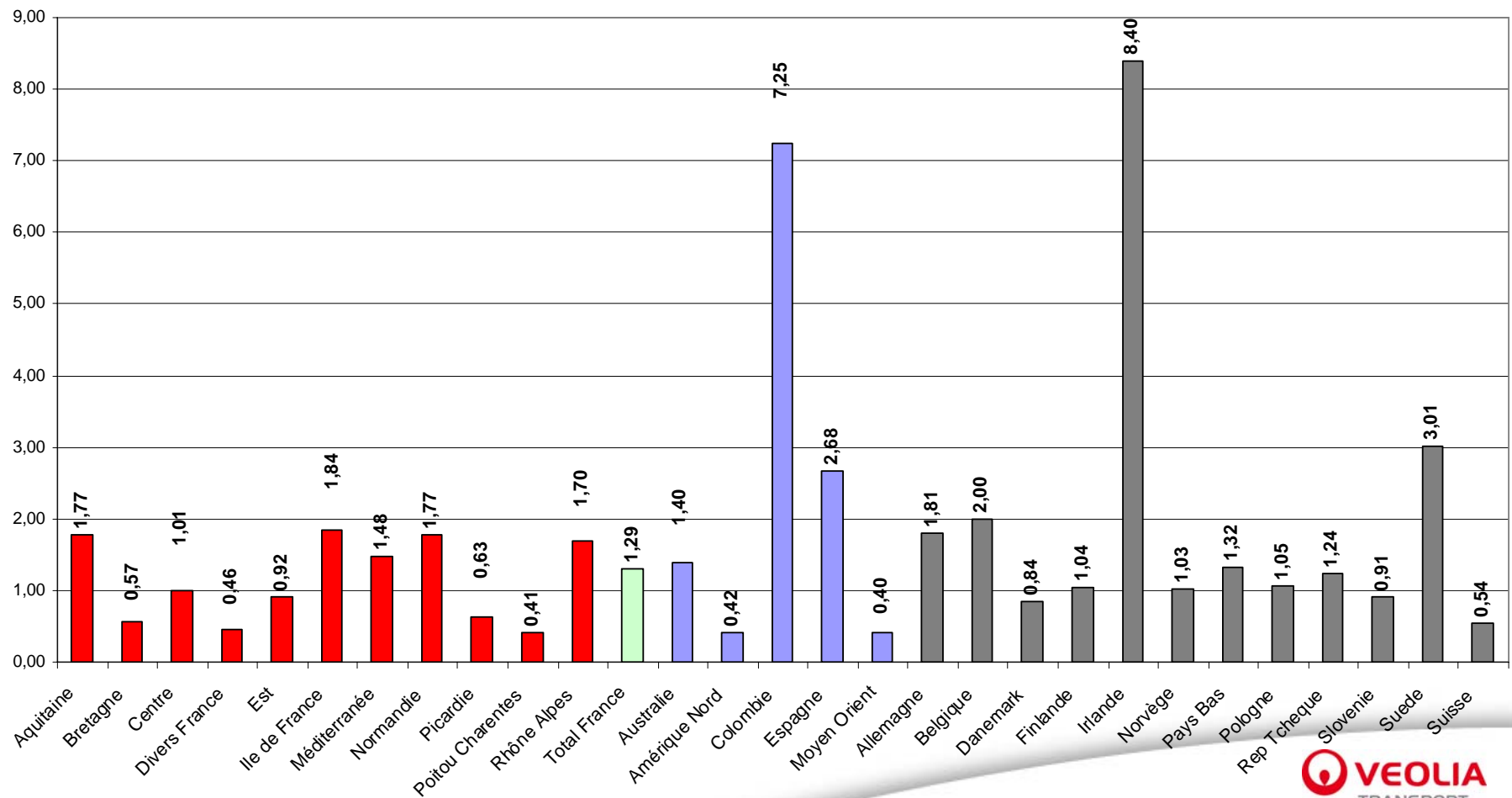
Number of trips = 2,5 billions in 2005

That is an evolution of 18% compared to 2004



T/K = 1,34

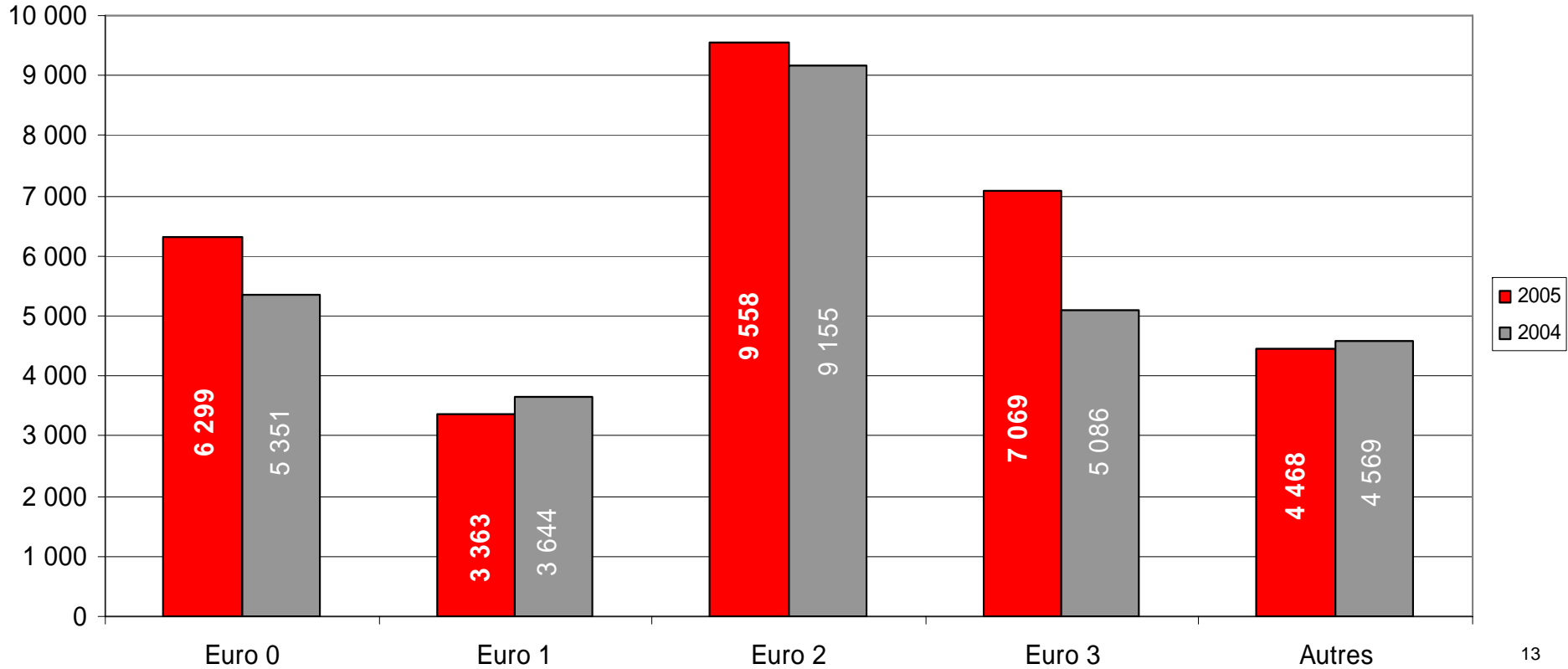
The best T/K are in Ireland = 8.4 (Tramway), in Colombia = 7.25 (BRT) and in Sweden = 3.01 (Metro)



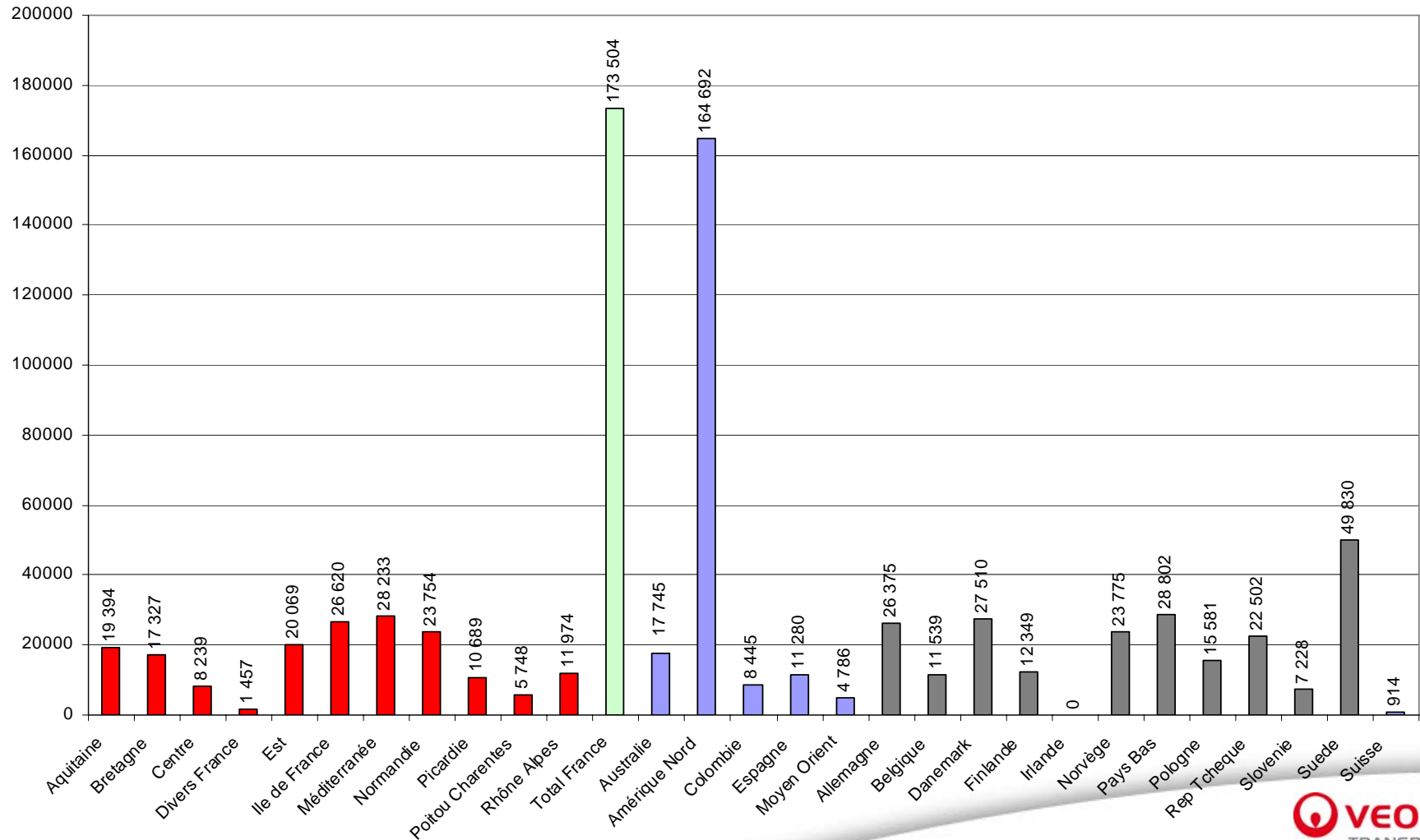
Distribution of number of vehicles per Euro Norms:

2005 : + 11% of vehicles, + 39% of vehicles in Euro 3 Norm

The increase of Euro 0 norm comes mainly from the USA with the integration of ATC (+1159 vehicles)



Consumption of fuel = 621 426 000 litres + 24% compared to 2004



■ **Freight :**

- ➔ 20 869 325 tons of goods transported
- ➔ 7,1 million of km maked
- ➔ Tons/ Km = 2,93

■ **Total Veolia Transport Energy consumption = 7,34 TWH**

■ **Emissions of Pollutants :**

	✓ In 2005	2004
➔ Direct Emissions CO2 (millions Tons)	1,6	1,4
➔ GES Emissions GES (millions Tons in Carbon equivalents)	1,5	1,4
➔ SOx Emissions (Tons)	67,8	307
➔ Nox Emissions (Tons)	25 691	27 493

15

■ Environmental performances of vehicles (base 100 in 2001)

- Calculation of the emission improvement indicator = **forecasted objectives are aimed and exceeded**

	<i>2005 realised</i>	<i>objectives 2005</i>
■ CO	77 = -23%	80 = -20%
■ HC	75 = -25%	84 = -16%
■ PM	76 = -24%	78 = -22%

- **70% of our drivers have a training on environmental soft driving**

■ **% of turnover covered by the EMS :**

→ *Objectives 2005 exceeded*

→ *Realised = 32 % objective was 30%*

■ **Priority sites : number and environmental audits :**

Definition of a priority site :

■ **Operating site (geographical place: deposit, workshop, car park, road station.) which manage or accommodate a number of vehicle equal to or higher than 120, or whose fuel storage capacity is equal to or higher than 80 000 litres, or which have a compression installation equal to or higher than 200 kwh.**

→ *End of 2005 before reporting : 73 sites all around the world*

→ *End of 2005 sites audited : 44 %*

→ *Begin of 2006 number of priority sites based on reporting
104 sites in the world*

→ *Environmental Audits Objectives 2006
100 % we expected the engagement*

■ **Legal and Juridical Intelligence**

→ *In 2005 have been realized for French and European Laws and been accessible in Intranet*

Sustainable development objectives: Veolia Transport

“Sustainable development positively modifies the attitudes of our personnel, improves our company image and is favorable to customer service. ”

Stéphane Richard

Sustainable development – for passenger transport – focuses on 3 major axes :

■ **Environment :**

- ➔ To reduce pollution,
- ➔ To conserve energy.

■ **Economic :**

- ➔ To energize business/client/institution relations for the entire population

■ **Human :**

- ➔ To improve comfort of passengers and inhabitants,
- ➔ To propose and develop mobility solutions for all, regardless of technical or financial challenges

Veolia Environnement integrate in 2006 the annual review on DJSI



SAM GROUP ANNOUNCES RESULTS OF DOW JONES SUSTAINABILITY INDEXES REVIEW

*46 companies identified as new global sustainability leaders.
DJSI-based assets grow to over 5 billion USD.*

Veolia Environnement 2006 annual review on DJSI



Effective as of 18 September 2006			
Dow Jones Sustainability World Index - Components (by Sector)			
Company	Country	Sector	Comment
BT Group PLC	United Kingdom	Telecommunications	
Vodafone Group PLC	United Kingdom	Telecommunications	
Australian Gas Light Co.	Australia	Utilities	
Companhia Energetica de Minas Gerais (CEMIG)	Brazil	Utilities	
TransAlta Corp.	Canada	Utilities	
Fortum Oyj	Finland	Utilities	
Veolia Environnement S.A.	France	Utilities	Add
RWE AG	Germany	Utilities	
Enel S.p.A.	Italy	Utilities	
Endesa S.A.	Spain	Utilities	
Gas Natural SDG S.A.	Spain	Utilities	
Iberdrola S.A.	Spain	Utilities	
Red Electrica de Espana S.A.	Spain	Utilities	Add
Union Fenosa S.A.	Spain	Utilities	Add
AWG PLC	United Kingdom	Utilities	
Centrica PLC	United Kingdom	Utilities	
National Grid PLC	United Kingdom	Utilities	
Entergy Corp.	United States	Utilities	