






ENVIRONMENT

SAFETY

PRODUCTIVITY



Iveco History

-  **UNIC**
-  **FIAT**
veicoli industriali
-  **OM**
-  **IVECO**
VEHICOLI SPECIALI
-  **MAGIRUS DEUTZ**




Industrial Vehicles Corporation
1975

FIAT
GROUP



1991 NAVECO
China



1992 Iveco Truck
Australia Ltd



1997 Iveco Fiat
do Brazil

-  **ASTRA** 1986
-  **IVECO**
Ford
TRUCK 1986
-  **SEBON**
ATKINSON 1991
-  **IVECO** 1991
-  **WISOM** 1999-2001

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Iveco at a glance

KEY FIGURES 2005*

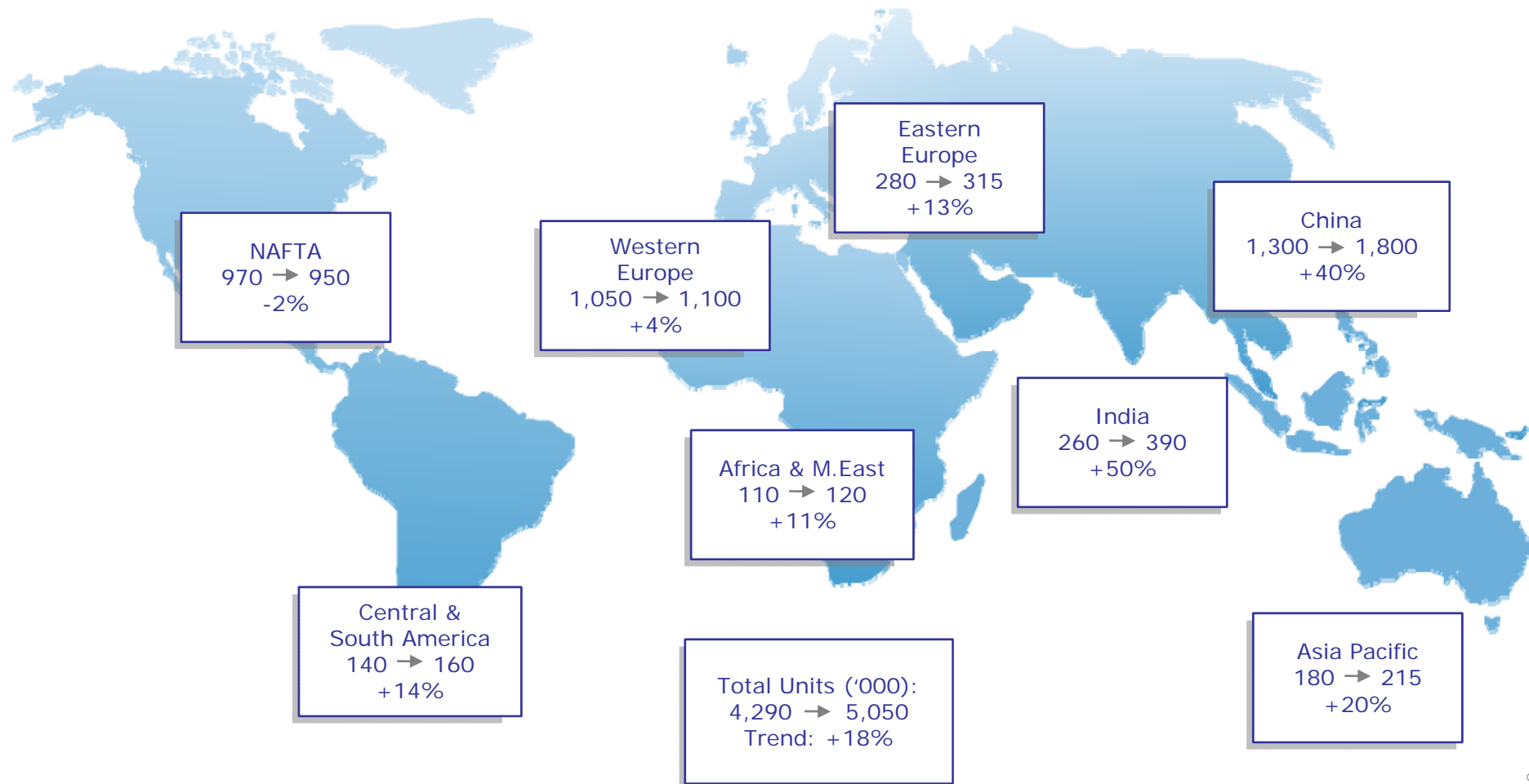
Unit Sales – Vehicles	172,500
Unit Sales – Engines	435,300
Employees	32,373
Plants	43
Plant Locations (Countries)	18
Dealers	841
Dealer Locations (Countries)	over 100
Sales & Services Points	over 4,500

* The Iveco 2005 consolidated financial statements include the Industrial and Marine activities of FPT – Fiat Powertrain Technologies.



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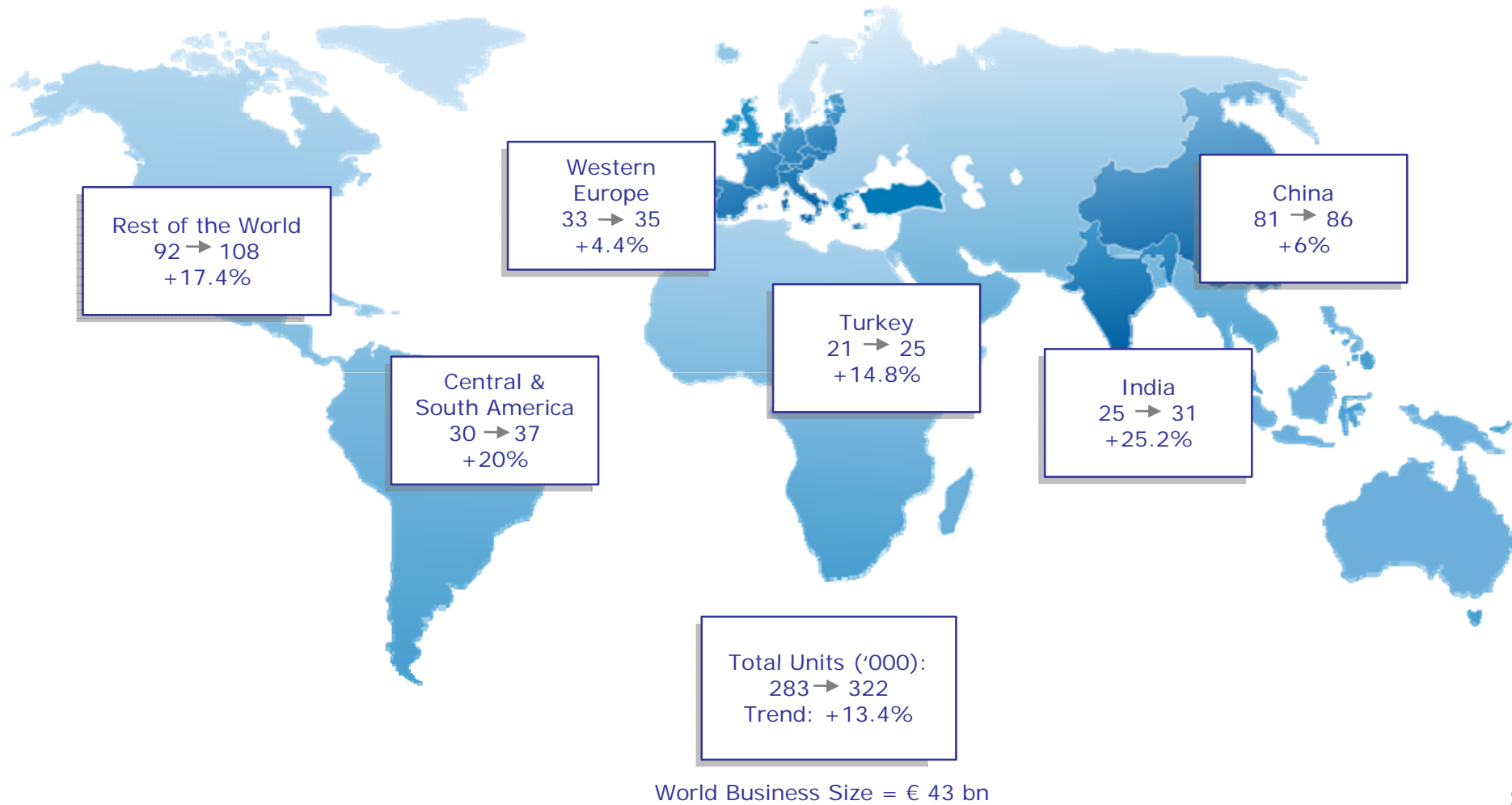
2004-2008 CV World Market \geq 2.8 t Units '000



World Business Size = € 150 bn

Source: Global Insight

2004-2008 BUS & Coach World Market



Sources: Irisbus (WE), Otoyol (Turkey), Global Insight (China, India, ROW), Doug Jack (ROW), Iveco estimate (Central & Southern America)

Transport Trends

RETURN ON INVESTMENT

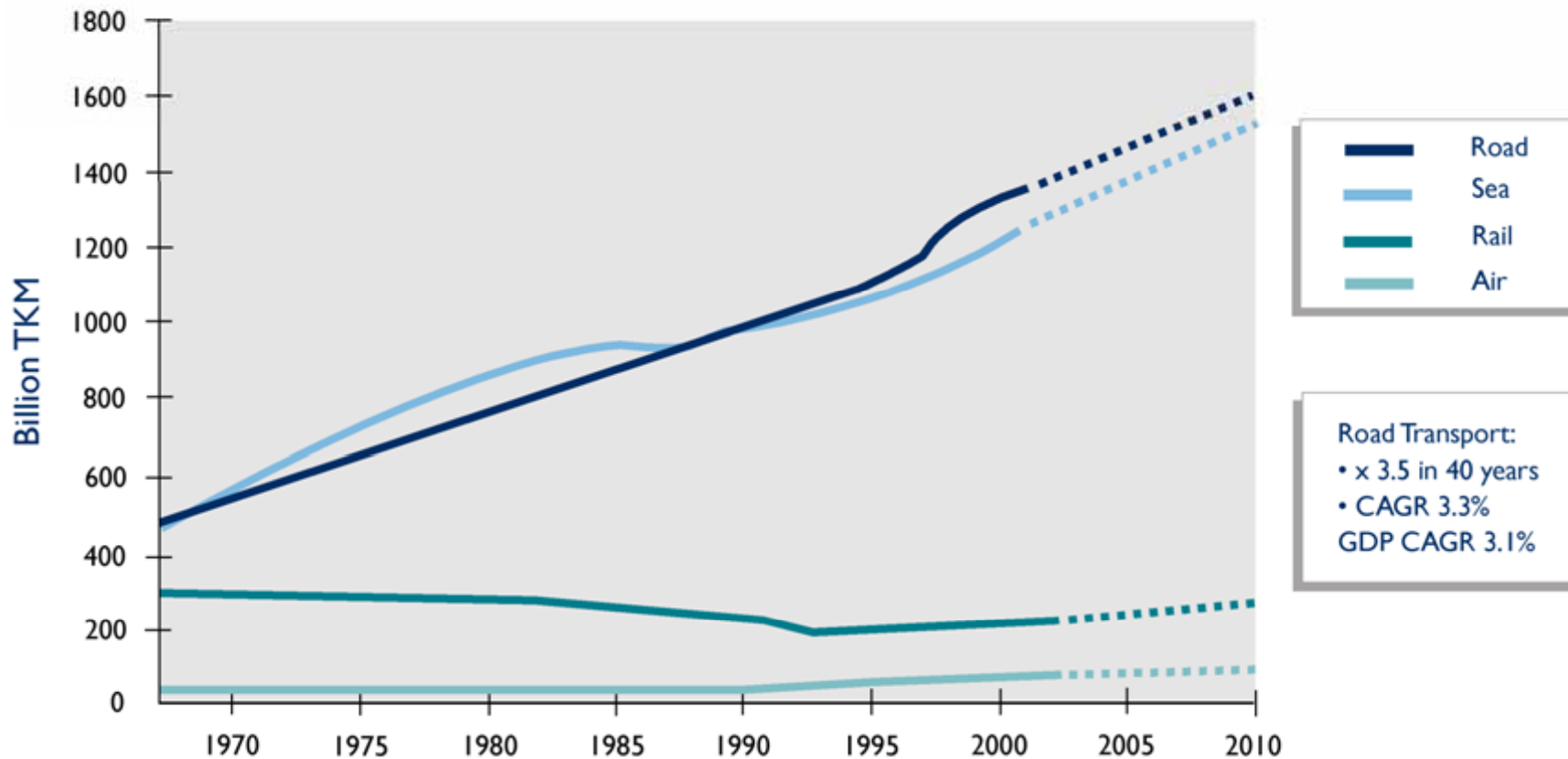
STRONGER COMPETITION

INCREASING REGULATIONS



Transport Trends

Performance by Mode of Transport for Goods - EU15

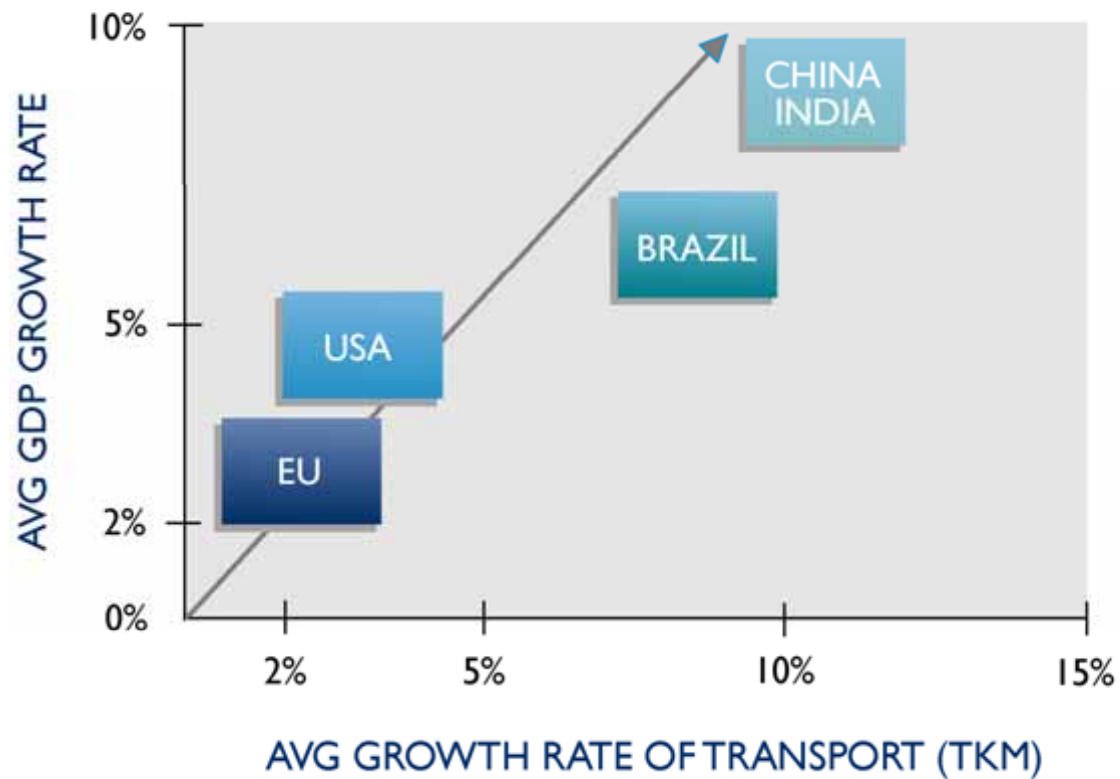


Source: Eurostat

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Transport Trends

Correlation GDP/Transport in Regional Areas

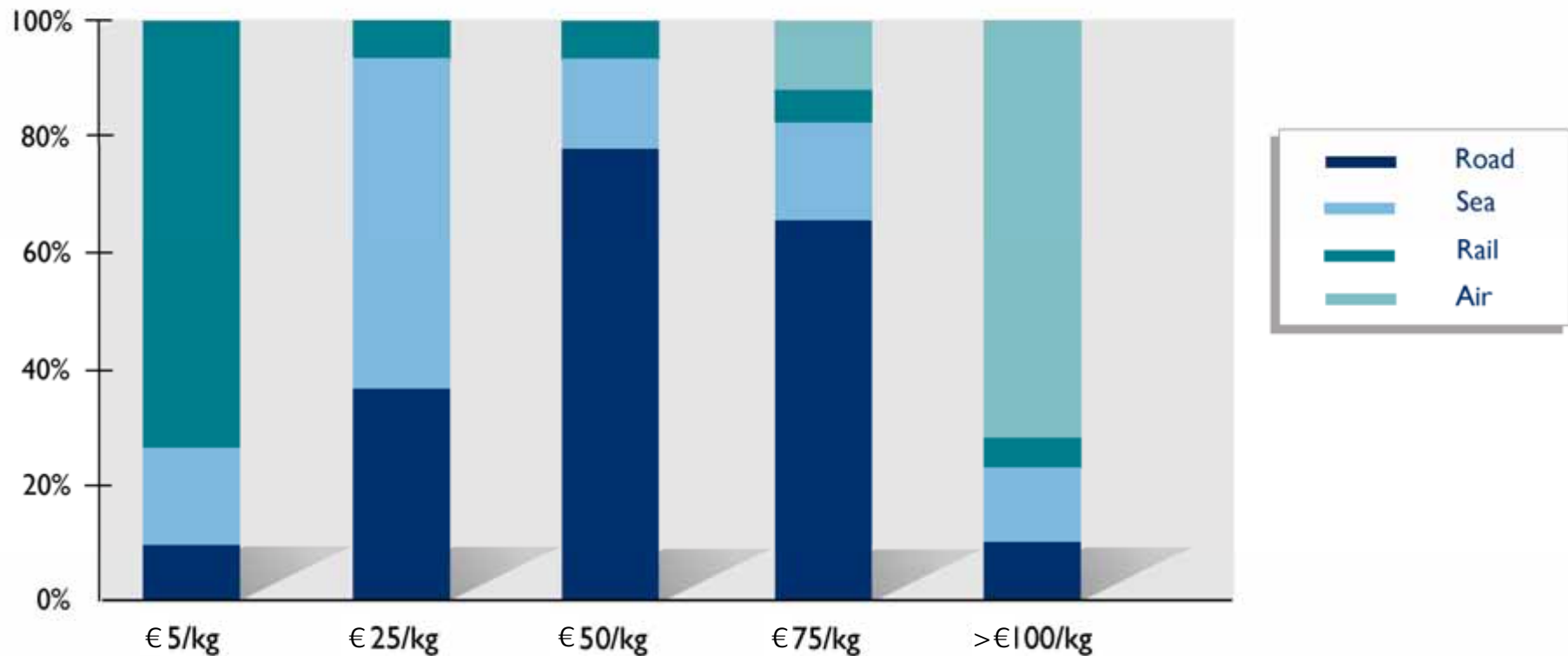


Estimate CSST, Université de Paris

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Transport Trends

Value of Goods and Market Share by Mode (%)



Challenges in Transport and Logistics

- ❑ Expected growth at global level
- ❑ Environmental pressure
- ❑ Safety & Security
- ❑ Optimization of Logistic Networks
- ❑ Co-ordination of long haulage and last mile transport
- ❑ Intermodality



Iveco Response to Major Transport Trends

- Increasing demand for services
- Urban distribution and long haulage
- Productivity on the road
- Clean and safe vehicles
- Global offering
- Full product range



Iveco Global Full Range of products and services



Iveco Advanced Technologies & Systems

Environmental Care

- Euro 5 compliant engine product range
- Compressed Natural Gas Technologies
- Development of Hybrid vehicles
- Environment friendly product processes

Transport Safety

- Pre-crash system
- Haptical lane assistant
- Night/Fog vision
- Back-up aid
- Driver status monitoring
- Active anti-rollover system
- Independent suspension
- Blind spot monitoring
- Front Collision Warning

Productivity on the Road

- Excellent Product Quality
- Optimized Fuel Consumption
- Supply Chain management
- Database & Logistics management



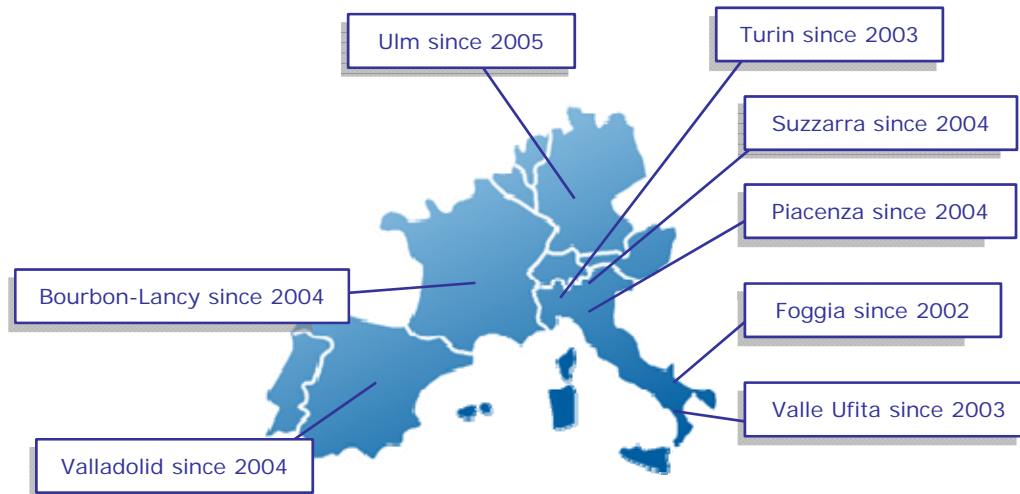
Environmental Care

Rationale of the Iveco Strategy

- Full commitment to environmentally friendly transport solutions based on:
 - Outstanding product technology
 - Innovative transport systems
 - Environmentally compliant production processes

THROUGH

- Emissions Reduction
- Energy Consumption
- Energy Use Diversification
- Recycling
- Training Programs
- Communication
- Iveco Plants ISO14001 certified for environmental compatibility



Recycling: Ahead of the European regulation

Main EU requirements

("End of Life" Directive 2000/53/EC)

- ❑ 85% vehicle weight reusable and recoverable (95% from 2015 on)
- ❑ Component and material coding standards for reuse and recovery
- ❑ Materials and components free of heavy metals

Iveco actions

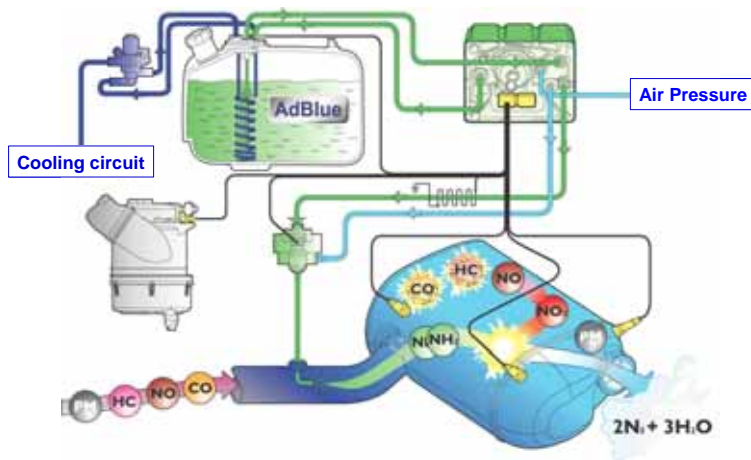
- ❑ Daily: 92% recyclable materials and components
- ❑ Committed to 95% recyclable medium/heavy CVs
- ❑ Participation to international dismantling initiatives
- ❑ Priority to ISO14001 certified suppliers and subcontractors



Iveco Euro 4 and Euro 5 Diesel Engines

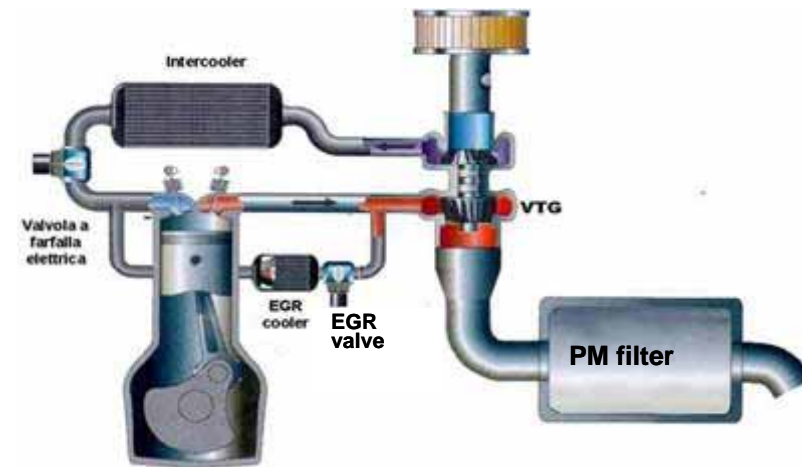
Selective Catalytic Reduction, SCR

- Euro 4 and Euro 5 compatible
- Combustion injection optimization
- High power capacity
- Improved fuel consumption by 4-6% compared to Euro 3
- Maintenance-free system
- No PM after-treatment required
- Available with PM Traps (SCRT)



Exhaust Gas Recirculation, EGR

- Euro 4
- High pressure multiple injections systems
- Combustion optimization
- Fuel consumption comparable to Euro 3
- PM reduction after-treatment: Oxydation Catalyst or PM Traps (CRT)



Iveco Strategy for Safer Mobility of Goods

- Safer Vehicles: our major contribution to costumers and society values
- Our strategy aims at:
 - Avoiding accidents
 - Mitigating the consequences of accidents when inevitable

THROUGH

- Integrated Active & Passive Safety
- Vehicle/Infrastructure Co-operation
- Driver's Training Programs



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Iveco Strategy for Safer Mobility of Goods

Preventive - Active Safety

PRIORITIES	Longitudinal Safety	Lateral Safety		Stability		Vision Improvement	
SOLUTIONS	Collision Avoidance Systems	Active Lane Assistant	Blind Spot Monitoring	ESP	Roll-over Control	Back-up Aid	Night Vision
TECHNOLOGIES	Short/Long Range Radar Camera	Lane Vision System Electric Power Steering	Camera Short Range Radar Infrared Sensors	Multiple Technologies		Short Range Radar Camera Ultra-sonic Sensors	Near Infra-red Far Infra-red (thermic camera)



Filenam

Iveco Strategy for Safer Mobility of Goods

Passive Safety

PRIORITIES	Cab Strength	Advanced Air-Bag Technology	Mitigation of Collision Effects	First Aid Promptness
SOLUTIONS	<p>Energy Absorbing Structure</p> <p>Survival Cell</p>	<p>Asymmetric/ Multi-Stage Front Airbag</p> <p>Side Bag for Roll-over Effects Mitigation</p>	<p>Electric Resettable Seat Belt Pretensioners</p>	<p>Emergency Call</p>
TECHNOLOGIES	Multiple Technologies	Multiple Technologies	Multiple Technologies	Multiple Technologies

Productivity on the Road

Rationale of the Iveco Strategy

- Increase in productivity as well as safety, security and comfort
- Our strategy aims at:
 - Satisfying customers' needs
 - Providing value-added services
 - Setting up a modular offering

THROUGH

- "Customer first" approach
- Convergence of
 - wireless communications
 - location technologies
 - in-vehicle electronics
- Open Architecture
- Compatibility with portable devices/ technologies



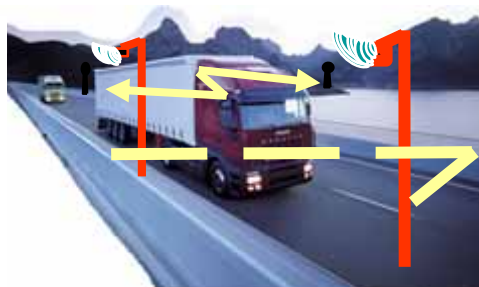
The Future: Co-operation Vehicle/Infrastructure

VEHICLE-TO-VEHICLE COMMUNICATION

- Reduction of fuel consumption by coupling with forward vehicle
- Safety speed adaptation and distance keeping based on forward vehicle
- Accident and slowdown messaging
- Vehicle platooning

VEHICLE-TO-INFRASTRUCTURE COMMUNICATION

- Suggested speed
- Black spots: dangerous curve, ice detection, etc.
- Virtual road sign messaging: no overtaking, pedestrian crossing, etc.
- Dynamic messaging: accidents, traffic congestion, diversion information, etc.



Control Centre



Vehicle traceability

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In Iveco, la logistica sostenibile vuol dire:

➤ ***Intermodalità***

- *scelta e combinazione dei “tools” ottimali (camion, nave, treno)*

➤ ***Tempi di consegna rapidi***

- *Supply Chain corta e snella*
- *distribuzione door-to-door*
- *flessibilità della capacità di trasporto*

➤ ***Utilizzo ottimale dell’infrastruttura***

- *esempio: modello 24h*

Iveco e logistica sostenibile: il modello “24 ore”



- *Iveco è stata precursore di questo nuovo approccio alla logistica, avviando per prima una ricerca a livello internazionale (2001) scaricabile dal sito www.iveco.com/IT/logistica24h*
- *Nel modello “24 ore”, la logistica sostenibile passa attraverso un utilizzo più efficace dell’infrastruttura esistente grazie ad una migliore gestione della risorsa “tempo”.*
- ***Il “Trasporto su 24 ore” non consiste semplicemente nell’effettuare consegne in ore notturne, ma richiede di avviare un’”Economia delle 24 ore” che coinvolga l’intera Supply Chain, governi ed enti locali***

Fattori critici per la logistica 24h



La sfida per le imprese

- *Riprogettazione delle procedure di carico/scarico, ricevimento merci*
- *Riorganizzazione degli orari di lavoro (imprese medio-grandi)*
- *Predisposizione siti di consegna indipendenti dalla presenza fisica del destinatario (piccole e micro imprese)*
- *Soluzioni cooperative in aree urbane (es. punti di consegna comuni per i piccoli esercizi commerciali)*
- *E' necessaria una "massa critica" per instaurare il circolo virtuoso del modello 24h*

Fattori critici per la logistica 24h



La sfida per le Istituzioni

- *Comunione di intenti tra legislatore, trasportatori, mittenti e destinatari*
- *Quadro legislativo favorevole al modello 24h (es. BAM elettronica)*
- *Politiche differenziate per trasporti interurbani ed urbani (“ultimo miglio”), per modalità, per tipo e per dimensione delle imprese*
- *Armonizzazione della legislazione a livello nazionale e UE*
- *Riprogrammazione dell’accessibilità urbana (es. “road sharing”)*