

# IMPACTS EUROPE RESEARCH ACTIVITIES

Impacts Latin America Conference  
September 2004, Quito

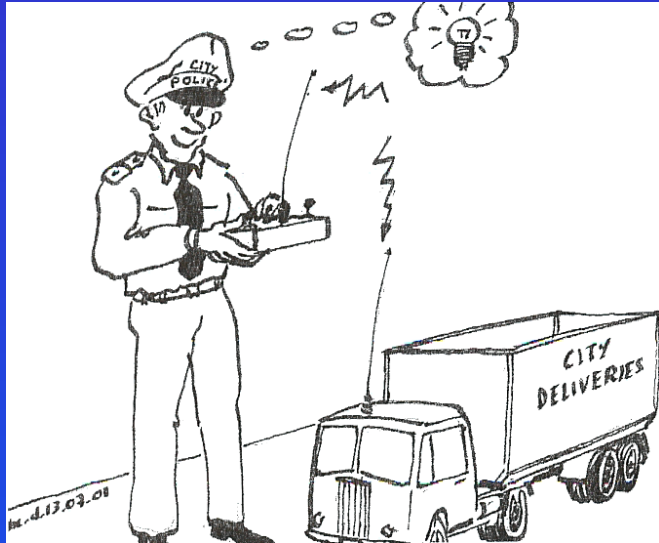
Jean-Louis Graindorge



# **Freight Delivery Rationalisation In Cities**

**March 2003 – February 2004**

## IMPACTS 5TH CONFERENCE IN CHICAGO, JULY 2000



Freight transport accounts for large part of urban traffic

Moves towards more frequent, smaller deliveries producing more impact on traffic congestion

Lack of space inside cities leads to “improvisation” for delivery stops

Industry needs long term visibility for development of new products

American and European Cities confirmed that Urban Freight Delivery is one of the greatest challenge they must face and decided to engage reflections in the framework of IMPACTS



# Decisions

To make Urban Freight delivery the main theme of IMPACTS 2001 in Berlin (July 2001)

To organize a scanning tour in US American Cities to share ideas on the topic (October 2002)

To submit a proposal of action to the European Union and open the discussion to all major stakeholders

# FREDERIC OBJECTIVES

**Build a joint vision on Freight Delivery between all stakeholders on :**

- **Innovation and harmonisation of regulatory measures,**
- **Innovation in organisation and logistics,**
- **Innovation in transport means.**

**Based on this vision, define concrete project ideas**

**Frederic will define the framework of the innovations that all urban transport stakeholders would accept to experiment in the next years.**

# STARTING POINTS

- **Cities** : Expectation for an effective dialog with Industry and Service suppliers to adapt and improve traffic policies
- **Automotive industry** : Interest to designing new products and services that could respond to real needs and public expectations
- **Shippers & transport chain** : Engaged in national discussions, while working at European level together with other stakeholders
- **European Commission** : Support Research and Experimentation projects targeted to sustainable urban transport and especially concerning this topic.

# PARTNERSHIP



**IMPACTS EUROPE**  
URBA 2000



ACEA - EUCAR



EUROPEAN SHIPPERS COUNCIL  
EUROPEAN EXPRESS ASSOCIATION  
FREIGHT FORWARD INTERNATIONAL



EU COMMISSION DG RESEARCH  
EU COMMISSION DG ENERGY & TRANSPORT



European Networks  
CITY FREIGHT  
BEST URBAN FREIGHT

## **FIRST WORKSHOP, PARIS, JUNE 2003**

- Come towards a common understanding of the challenges that Cities, shippers and transport companies and vehicle manufacturers are facing.
- Start to build a joint vision on sustainable urban freight mobility

## **SECOND WORKSHOP, LONDON, OCTOBER 2003**

To draw up a classified list of recommendations for future R & D needs, reflecting a coordinated approach of harmonisation of regulatory measures, technical innovation and improvement in transport organisation and logistics means.

## **FINAL CONFERENCE, BRUSSELS, FEBRUARY 2004**

- To verify and to deepen the results of the previous workshops
- To decide on the further process for disseminating the results
- To draw up the basis for further cooperations and projects

# CONCLUSIONS (1)

1. Cities do not have a sufficient access to the data necessary for developing a policy. Common methodologies for data collection and policy assessment were seen as a necessity.
2. Simple measures, which mostly consist of easy but carefully planned adaptations of public space could provide quick benefits.
3. Intelligent transport systems (on-board information systems) are a particularly important tool to improve freight traffic.
4. Night delivery has an important potential but still noise reduction has to be improved and all sources of noise have to be taken into consideration.

## CONCLUSIONS (2)

5. From all sides, it was recognized that a certain level of harmonisation of regulations and policies among cities, regions and even countries is essential.
6. Home deliveries whatever they are generated by classical retail or E-Commerce, which are growing very fast in big metropolitan areas, shall be part of the reflection.
7. Service operations, which can be operated by small companies, shall not be ignored, even if their identification remains difficult and despite the difficulties to communicate with them. Best practice and successful methodologies shall be highlighted.

# FREDERIC DOCUMENTATION

---

Brochure

Web site

<http://www.impacts.org/FREDERIC>

Forum

On-line Surveys

# FIDEUS

## *Freight Innovative Delivery in European Urban Space)*

After FREDERIC, IMPACTS turned towards another European project, that could be complementary and get benefit from the outcomes of the workshops and Conference. FIDEUS obtained a very positive evaluation and the negotiation with the Commission has already been engaged in order to start the work at the beginning of the year 2005.

FIDEUS promotes a co-ordinated approach involving the automotive industry, logistics companies and city decision-makers. The aim is to make available appropriate vehicles, to ensure that delivery operations are efficient, and that cities have the necessary information and tools to be able to define and manage effective mobility policies for goods traffic.

FIDEUS proposes a complementary range of three vehicle types, including an innovative “clean” goods carrier, an adapted 3.5 ton van and 12 ton truck. These all incorporate advanced technologies and equipment, including a “urban goods container” to improve operational efficiency and minimise the environmental impacts.

# FIDEUS CONSORTIUM

---

- ❑ IMPACTS Europe
- ❑ C.R.F (Italy), Coordinator
- ❑ Deutsche Post AG / DHL Express, Germany
- ❑ TNT Innight B.V., The Netherlands
- ❑ Cybernetics SA, France
- ❑ IVECO (Italy)
- ❑ University of Westminster, United Kingdom
- ❑ ABVOLVO–Renault Trucks, Sweden France
- ❑ MIZAR Automazione spa, Italy
- ❑ Fraunhofer, Germany

# PLUME

**Planning and Urban Mobility in Europe (2002-2005)**

To facilitate the transfer of know how in the field of planning and urban mobility from the Research Community to end-users.

The project is coordinated by TTR, a British Specialised research department. The other main partners are the Leeds University, ISIS (Italy) and POLIS. Numerous cities and local authorities' associations, among which IMPACTS Europe, take part in the project.

The first results of PLUME have been published and will be disseminated.