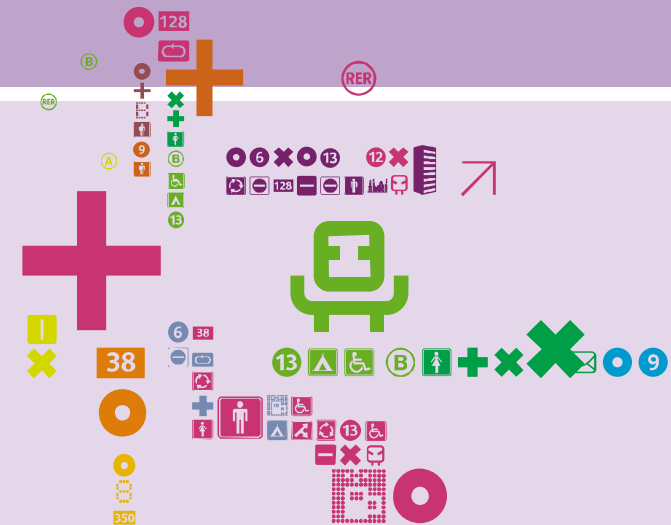


RATP – Urban Freight Mission





TMV

- Description of the Urban Freight Mission
 - Projects 2010
 - Projects 2011
-

Focus

- ZEUHL COST Action / TUD
 - FILET Project
 - TRAMFRET Project
-

Conclusion

- Conclusion

Urban Freight Mission



- Created by an Executive Committee 04/10/2008
- Road Map for Urban Freight 12/12/2009
- Kick Off in March 2009

4 PRIORITARY AXIS

- Feasibility for using RER for light freight between Châtelet les Halles / Roissy CDG Airport
- Measurement of integration of the Urban Freight component in a transport project
- Experimentation of automatic lockers for e-business delivery inside the networks : COLIB Project
- Reverse Logistics : use of a metro line to evacuate « clean » waste

2 ADDITIONAL AXIS

- Down Town Luggage Check In and Airports Links
- Urban Freight Club for urban railway network operators

2010 National Projects



Call for Research

2 Projects

FILET:

- Feasibility of Logistics Integration of Transport Premises
- Operational Group 3
- Mobility in Urban Regions

IMOT:EP:

- Integration of Passengers and Goods Flows
- Operational Group 4
- Urban Freight

Fundings

Predit

FILET:

- RATP – Interface Transport – Jonction – Armines
- 250 k€
- Notified 03/12/2009

IMOT:EP:

- Interface Transport – Jonction – Armines – RATP
- 200 k€
- Notified 23/12/2009

On Going

2010

FILET:

- Kick Off 04/02/2010
- Duration 18 months
- Planned DoA 04/07/2011
- Inception Report 04/03/201
- On going...
- www.projet-filet.fr

IMOT:EP:

- Kick Off 27/04/2010
- Duration 19 month
- Planned DoA 27/10/2011
- On going...
- www.projet-imotep.fr

2011 National and European Projects



Opportunity

1 Commercial

- **COLIB**

Preliminary study for the implementation of automatic lockers to withdraw small parcels from e-business in transit network stations



Funded

3 Projects
in 2010

- **PREDIT 4 – 2010 GO 6**

Evaluation of Over costs linked to Urban Freight Function in Transport Projects
SCALP Project – Application on one section of Grand Paris Express Project



On Going

5 Projects

- **ZEUHL COST Action / TUD**

Zero Emission for Urban Harmonized Logistics

- **TRAM FRET** Project
Submitted 05/20/2011 to fundings by ADEME

- **COLIB** Project
Submitted 05/20/2011 to fundings by ADEME

- “La Tournée”

- Airports Shuttles and In town Check In Facilities



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ZEUHL COST Action Topics



■ Transit and Urban Freight

Logistics Integration in the Transit Premises

Urban Flow Mixing, existing opportunities



■ Sustainable Development

Modal Shift – Impact of Transit and
Logistics Integration

Reverse Logistics and Mass Transit

Optimization of Logistics Organization

...

ZEUHL COST Action Topics



■ Innovation

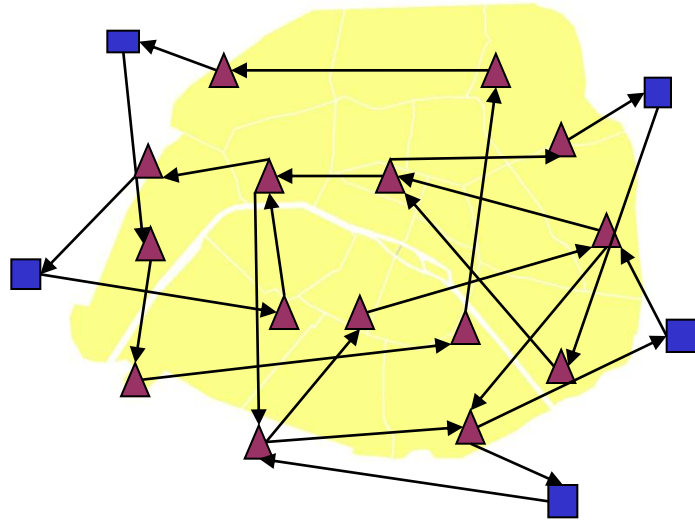
- ❑ Urban Freight in Transit Projects Engineering (Grand Paris Express Project)
- ❑ Airports Links and Freight using Mass Transit
- ❑ Tram Fret Project
- ❑ Modeling for Urban Freight, which Model for Integration of Persons and Goods flows ?



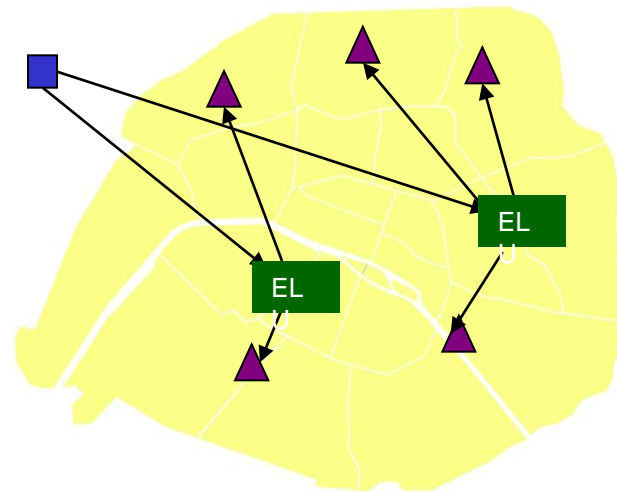
FILET: What do we think?



Complex reality



Our thinking



 Warehouse  Client  RATP space  Freight transport

Funding of PREDIT, Operational Group 3

Working group: RATP, Ecole des Mines de Paris, Interface Transport, Jonction

Integration of Transport Premises



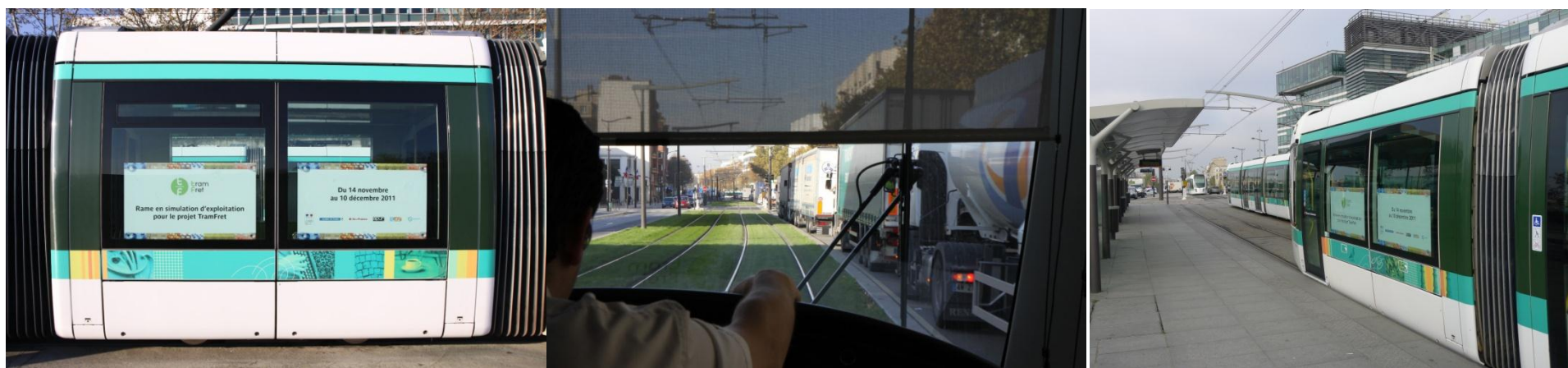
- 300 metro stations : average surface 2400m²
- 68 regional train stations: average surface 14000m²
- Every space is divided : customer spaces, technical local, commercial spaces, etc.
- Only a few freight elevators in the main interchange stations



TramFret Projet



- Paris Region TramFret
 - RATP
 - APUR
 - Ville de Paris
 - STIF



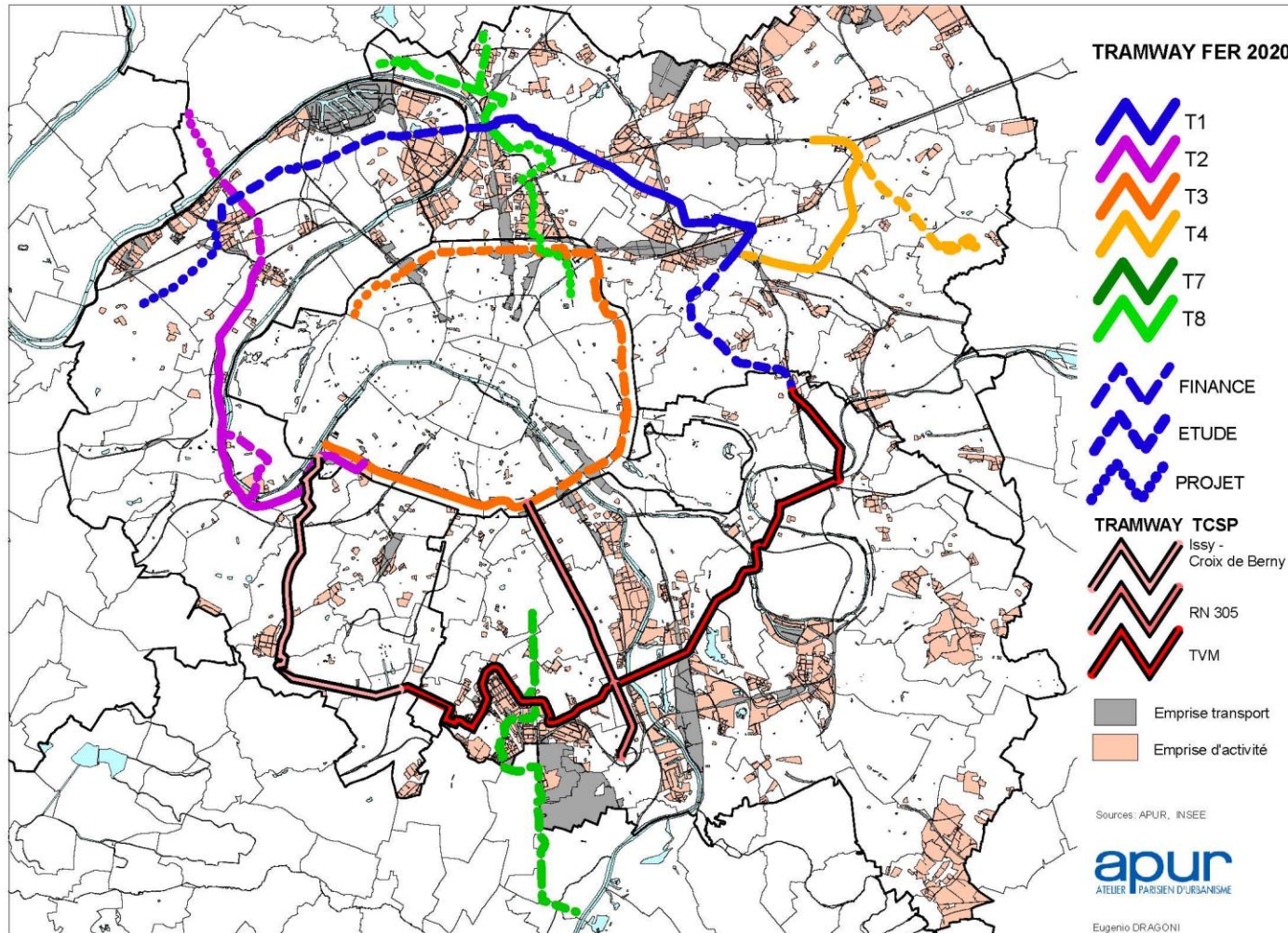
TramFret Project



- Quick Benchmark : Cargo Tram Zurich, Dresden and Amsterdam



TramFret Projct





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Conclusion



- Urban Freight an innovative topic for urban transit operator
- A fast implemented alternative v.s. the electric road vehicle ?
- A space and congestion saving tool ?
- A complex institutional model to set up
- An economical model still to be appraised



Thanks a lot for your
kind attention

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