

# TURP:

A Professional-Oriented Master Degree Diploma  
in

## “Urban and Regional Passenger Transport Studies”



Ecole Nationale des Travaux  
Publics de l'Etat  
*National Public Works  
Engineering School*  
<http://www.entpe.fr>



Laboratoire d'Economie des Transports  
*Transport Economics Laboratory*  
<http://www.let.fr>



Université Lyon 2  
*Faculty of Economy  
and Management*  
<http://www.univ-lyon2.fr>

# Objectives

- **Developing a full understanding of the transport system**
- **Through a close co-operation with professional bodies**
- **Giving multidisciplinary knowledge, methods and tools to develop the students' analytical and synthetic abilities**
- **To let them becoming full actors in the transport sector**
- **Favouring initiative, autonomy and responsibility**
- **To offer young operational professionals ready to work and dialog with transit authorities, transport companies and specialised consultants**

# Lecture structure (450 hours)

## Axis 1 : Demand Analysis

- Data production
- Data analysis
- Demand modelling
- Marketing

## Axis 2 : Supply Design

- Network design
- Network operation
- Accounting/management
- Human resources management
- Traffic regulation

## Axis 3 : Transport Policies

- Urban travel policy
- Regional transport policy
- Pricing / financing
- Juridical aspects (contracts)
- Assessment methods

Foreign language

Professional congress

Study tour

# A strong relationship with professional bodies

- **A Master Advisory Committee**

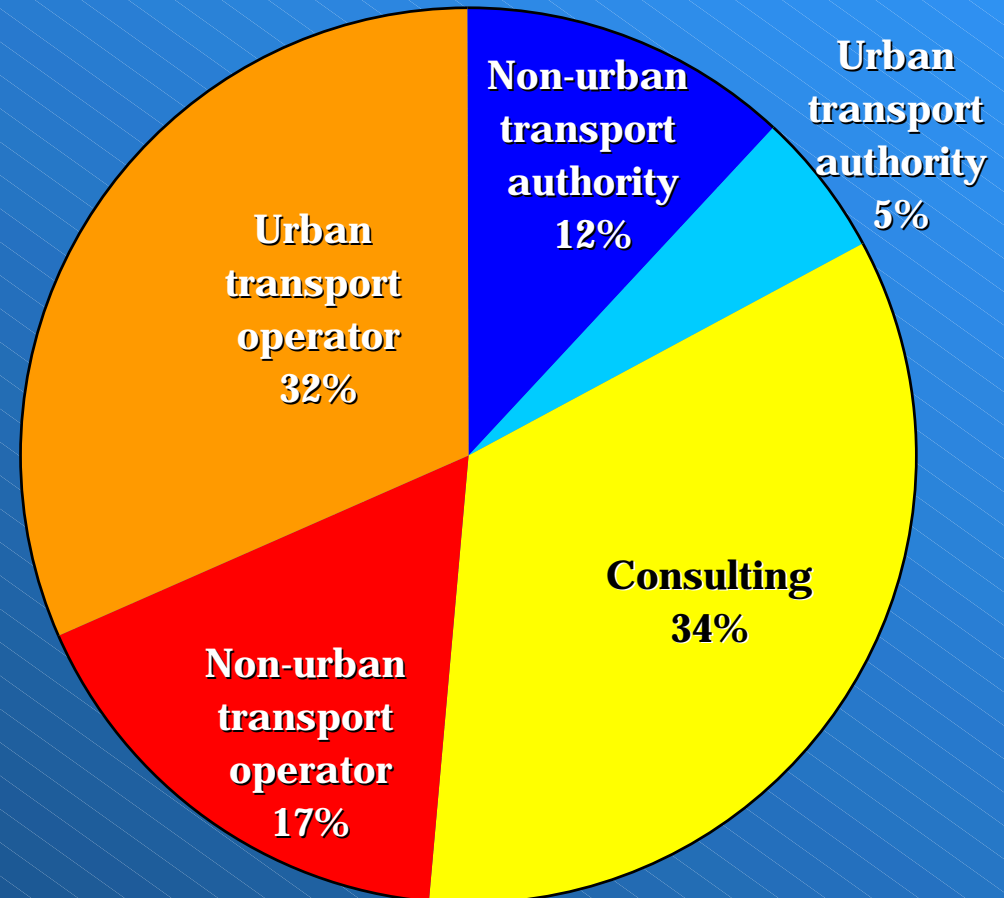
- GART (co-chair, French transport authority association), UTP (co-chair, French transport operator association), SNCF, KEOLIS, TRANSDEV, CONNEX, consulting...

- **Lecture** (more than 50% of lecture hours given by professional)
- **Training** (transport operator, transport authority, consulting...)
- **Professional study case** (data collection and analysis...)
- **Financing** (learning tax paid by transport operator, consulting)
- **Employment** (transport operator, transport authority, consulting ...)

# Training ...

- **A choice in relation to the student's professional project / orientation:**
  - Transport authority, transport operator, consulting,
  - In France or abroad (5 to 10% each year)
  - Duration: 4 to 6 months (April to September)

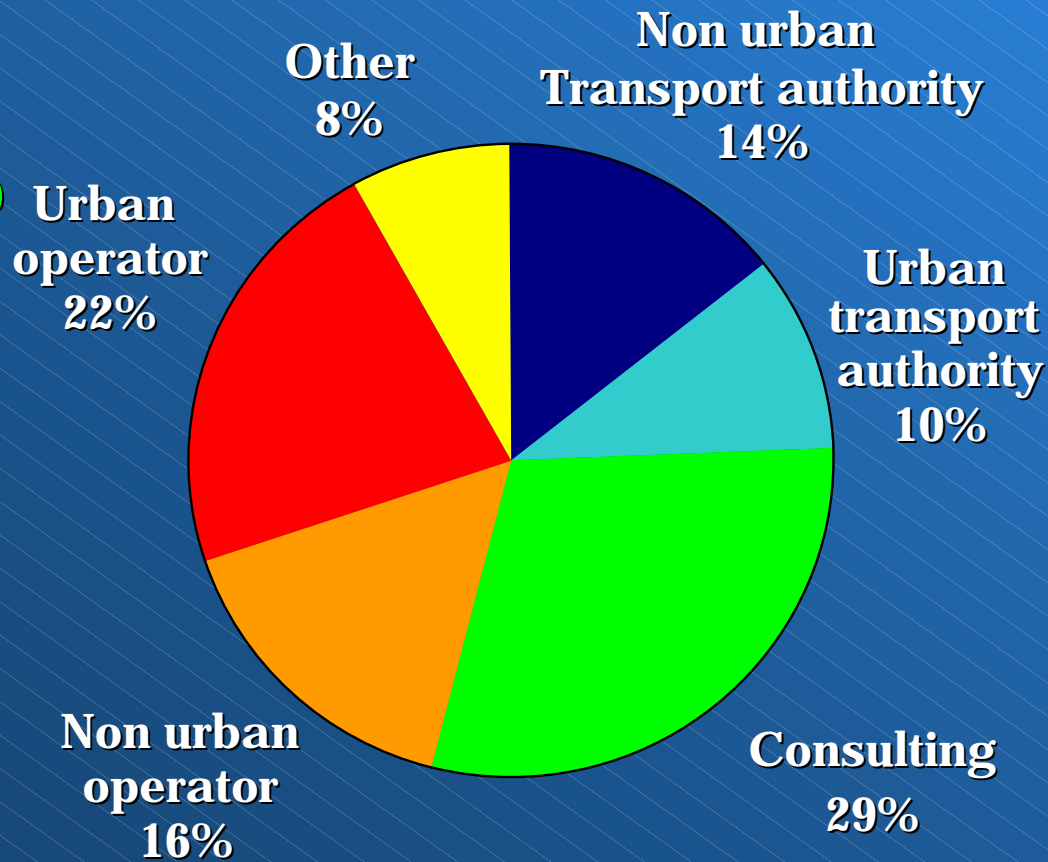
## Training organisms



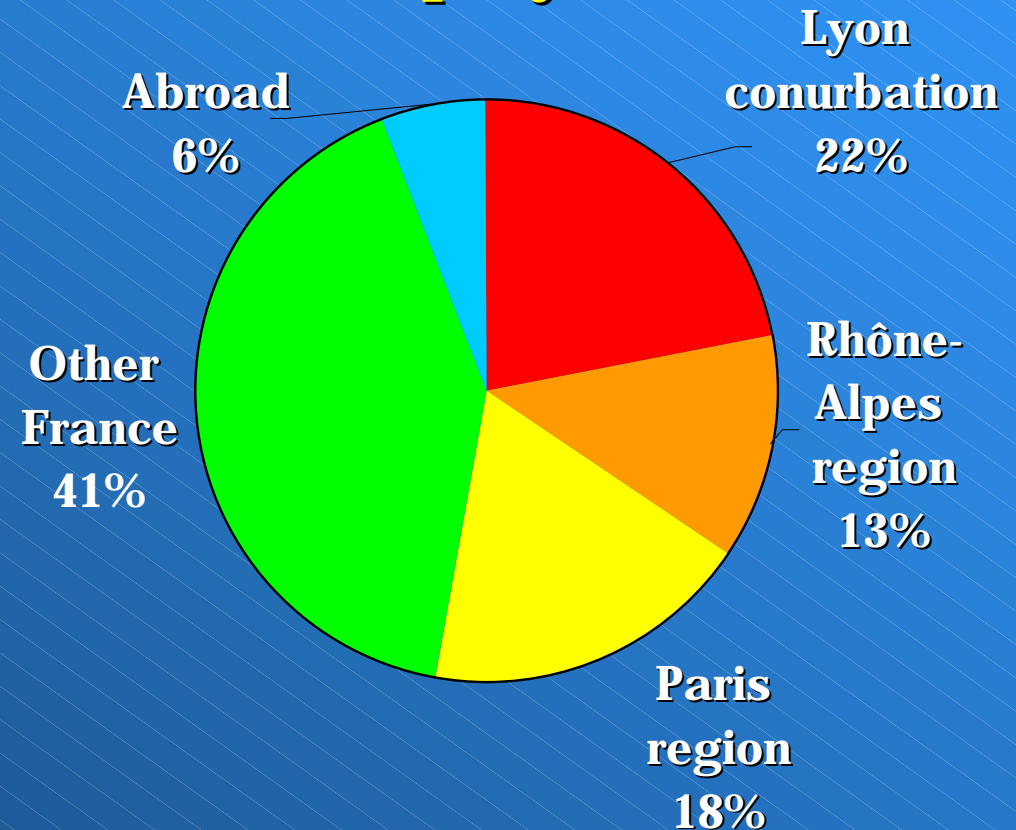
# Employment

- 50% of the students immediately employed
- more than 90 % within 3 months

## Employment

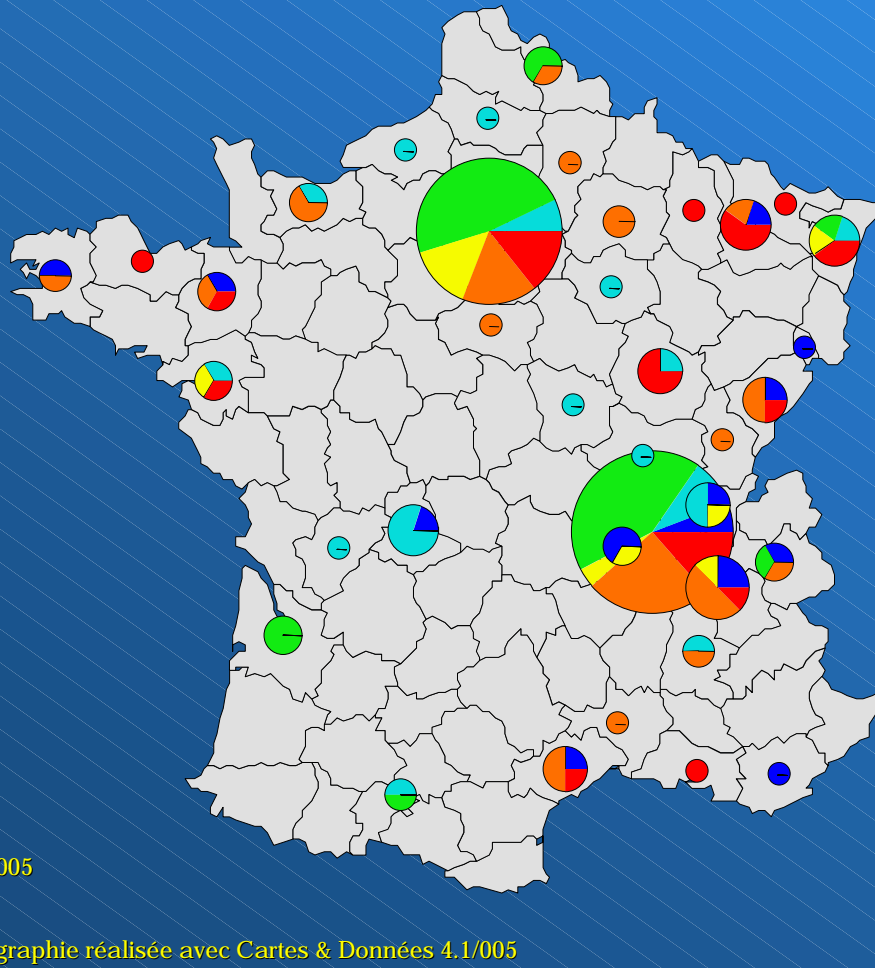


## Geographical spread of employment



# Employment in France and abroad

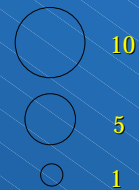
## Lieu de travail des diplômés TURP



Nombre de diplômés (sources)

- AO Urbaines
- AO Non Urbaines
- Bureau d'Etudes
- Autres
- Entreprises Urbain
- Entreprises Non Urbain

Nombre de diplômés



Abroad :



**UK: transport operators**

**Germany: consulting**

**Switzerland: consulting**

**Greece: consulting**

**USA: transport operator  
+ consulting**

**Indonesia: transport Ministry**

**Burkina Faso: transport  
Ministry**

mai 2005

Cartographie réalisée avec Cartes & Données 4.1/005

# Situation and perspectives

- A diploma created 13 years ago
- 25 students a year (260 since creation) for nearly 100 candidates
- A very good recognition at national level by professional bodies
- International perspectives
  - Stronger international dimension (lecture by European professional, training, study tour, students from Europe...)
  - Developing partnership at European level