

# COMPANIES TRANSPORTATION PLANS (PDE)



## Principles and Examples in the Rhône Alpes Region

# Legal Framework



- Several Laws are pointing out the responsibility of companies in generating traffic and encourage them to work on their **modal shift**.
- Companies who conduct a PDE contribute to reach the objectives of Transport Mater Plans.
- ADEME is in charge of promoting and subsidizing these Plans.
- City Authorities and transportation stakeholders are following these plans and can offer and/or adapt their PT services. The challenge is to adapt their supply to Companies needs within equal budget.

# PDE and PDU :

## Similar objectives for City Authorities



- Implementation of incentives and consistent transportation measures in order to :
  - Cut down car traffic for commuting and professional trips
  - Enhance complementary measures to PT:
    - Walking
    - Cycling
    - Car sharing
    - Car Pooling
    - ...

# Why should a company be running such a plan ?



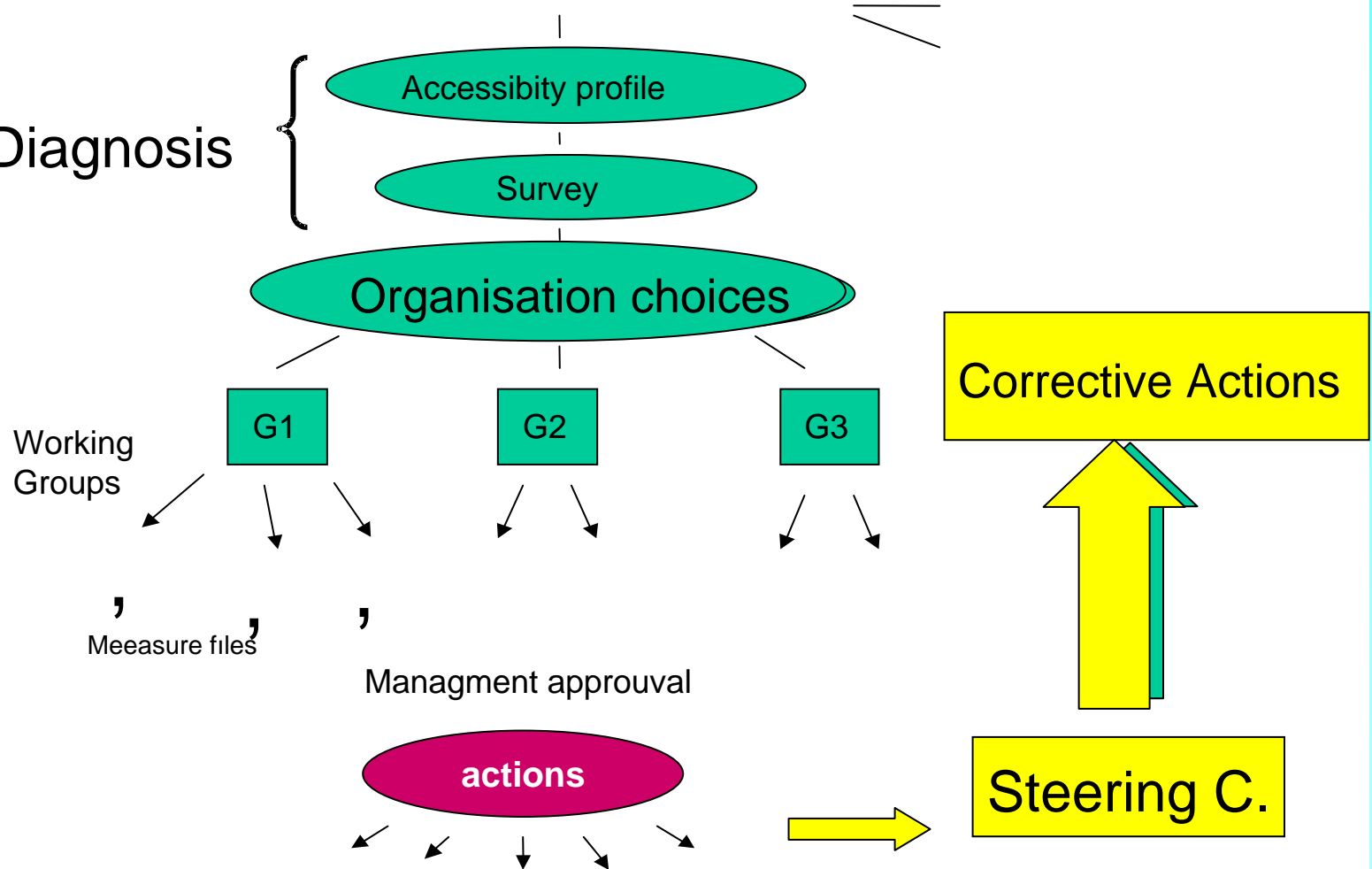
- It can be a productivity tool by :
  - Cutting down professional trips and parking costs
  - Cutting down maintenance and extension costs of parking lots
  - Cutting down costs of trip accidents
  - Improve trip durations and reduce individual stress
  - And, as a whole, cut down CO2 emissions of the company site(s)
- Benefits for the employees :
  - Reduce costs of commuting trips
  - Reduce risks of accidents
  - Get positive effects from the trip (gain time, feel relaxed, meet people, ...)
  - Improve and enrich social relations within the companyen interne around a common project .

# Mobility Plan Key Stages



## Organization

### Diagnosis



# Diagnosis



- Site Accessibility
  - With the different transportation means
  - For employees, *clients and visitors*
- Mobility Survey
  - This survey should allow to know staff mobility habits in terms of:
    - Commuting trips and related trips (school, leisure, shopping...)
      - Professional and business trips

# Steering Comitee



- Must be carried and driven by the Company Management
- Role : coordination, validation, follow up and evaluation of measures proposed by the working groups
- Members:
  - Managers
  - External experts
  - Transportation stakeholders
  - Unions
- External Help is often needed:
  - Most often private consultancy is required to assist companies management

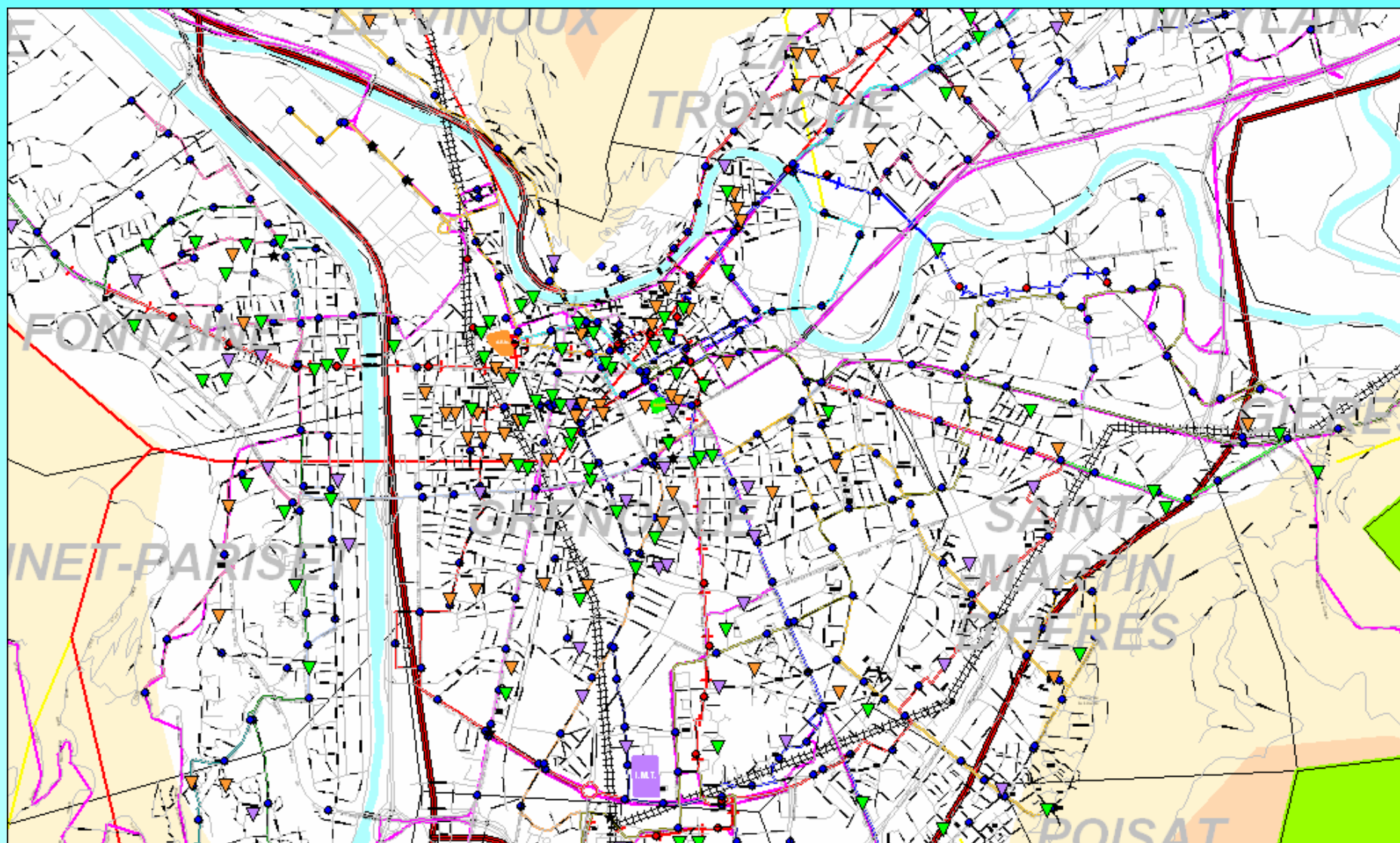
# Working Groups



- 1 WG per domain, in charge of elaborating and submitting propositions to SC
- 2 to 3 meetings (2 h) of 10 to 12 persons maximum in WG are relevant in order to :
  - Get involved in the project
  - Look for ideas
  - Elaborate and write down solutions



## Diagnosis: ex of geographical of staff housing



# Example of Costs and Benefits Assessment



Objectives	Benefits	Cost
15 salariés de plus en transport public	Réduction CRAM/URSSAF Économie de parking à 1400€/an la place : 21 000€	30% participation abonnement Trans'Isère : 1800€
10 salariés en vélo	Économie de parking à 1400€/an la place : 14 000€	Installation douche et vestiaire ---€ Fourniture Vélo ---€
12 salariés en covoiturage	Économie de 5 places de parking : 7000€	Mise en place d'un système de mise en relation 0€
30 places de parking libérées à 1400€/an	plus de places pour les visiteurs, ou 42000€ - Démarche participative - Image environnementale - Vision globale, gain en temps de transport...	

Au total

# Some Results



## Rhône Alpes EDF Sites

- 4 activated Mobility Plans concerning ~1.600 people of which 1000 in urban area.
- MODAL SHIFT Results are:
  - + 310 people in Public Transport and 40 cycling
- Other benefits are:
  - Minus 2 000 000 KM per car
  - x avoided accidents
  - ~ 350 tons of CO2 not emitted