



Quel temps
fait-on
demain ?

Réalisons ensemble
le plan parisien de lutte contre
le dérèglement climatique !

MAIRIE DE PARIS 

Paris climate protection plan *a comprehensive strategy...*

**Sustainable Cities in Turkey:
*How to manage a low carbon transition ?***



REGIONAL ENVIRONMENTAL CENTER
Turkey



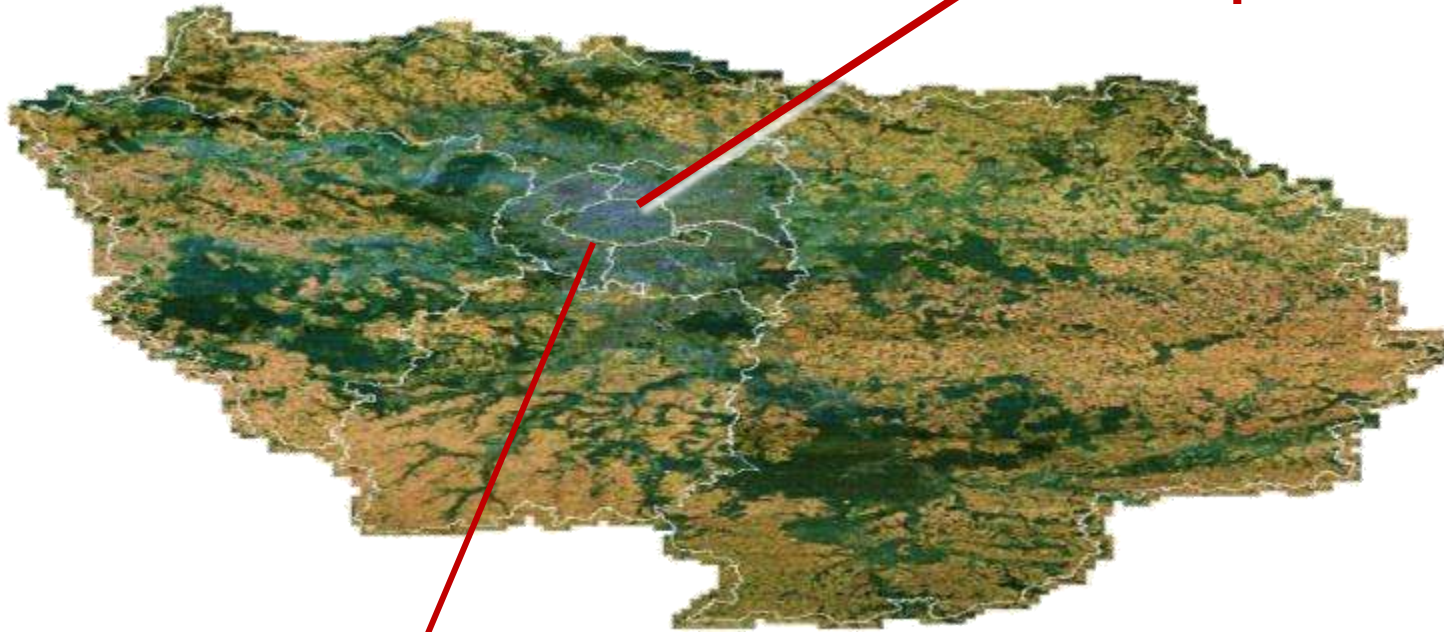
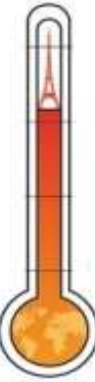
DenizBank 

Welcome to Paris !

Paris

105 km² (40.5 sq. miles)

2,215,197 inhabitants



Region Île-de-France

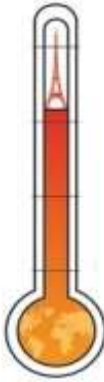
12,012 km² (4640

sq.miles)

11,746,000 inhabitants



The City of Paris : figures



- ◆ Area: 105 km² (40.5 sq. miles) Height : 26m
- ◆ River: the Seine
- ◆ Woods and gardens : 2,600 ha
- ◆ T° average min/max
- ◆ January: 2-6°C (35/43°F)- July : 12-26°C (54/81°F)
- ◆ Record: -15°C (5°F) (Jan.) ; +40,7°C (117°F)(Aug.)

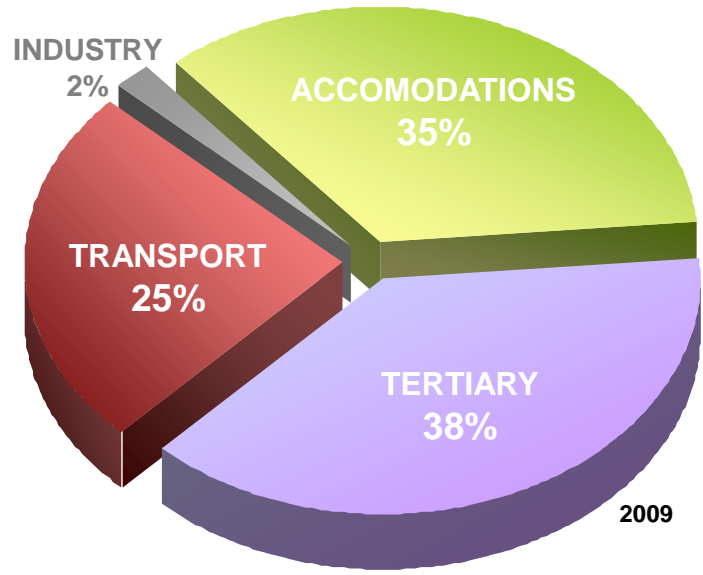
- ◆ Mayor : Mr. Delanoë
- ◆ 36 Deputy Mayors
- ◆ 163 city councillors
- ◆ 20 divisions with local mayor
- ◆ 121 neighbourhood councils

- ◆ 6,000 streets = 1,700 km
 - 2.7 million movements by car a day
- ◆ 360 metro stations - 60 bus lines
 - 3 billions trips a year
- ◆ 15,000 cabs
- ◆ 2,000 tourist coaches/day

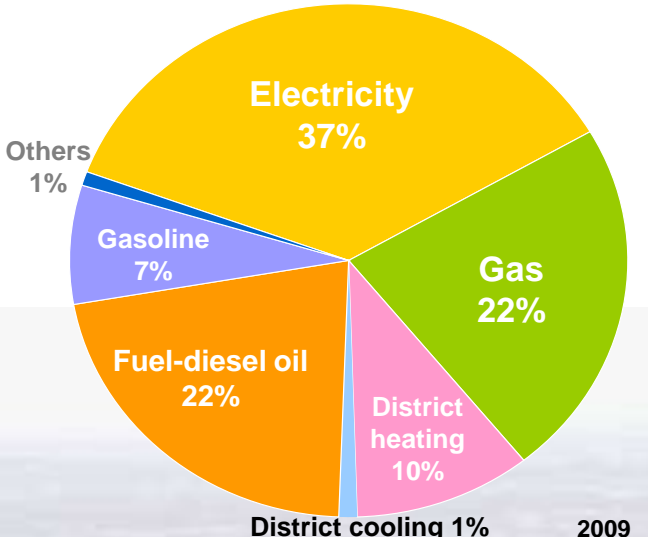
- ◆ 2 215 197 inhabitants
 - 21,097 inhab/km²
- ◆ 1,700,000 jobs
 - 8,8% unemployment
- ◆ 1,322,000 dwellings
 - 200,000 council housings
- ◆ 300,000 enterprises
- ◆ 26,000,000 tourists
- ◆ 200,000 pupils
 - 300,000 students
- ◆ GDP :135 billions €
 - GDP/capita : 62,410 €

- ◆ Waste : 1,200,000 t/year
- ◆ Water : 550,000 m³/day
- ◆ Energy ...

Paris (city)



42,900 GWh/year



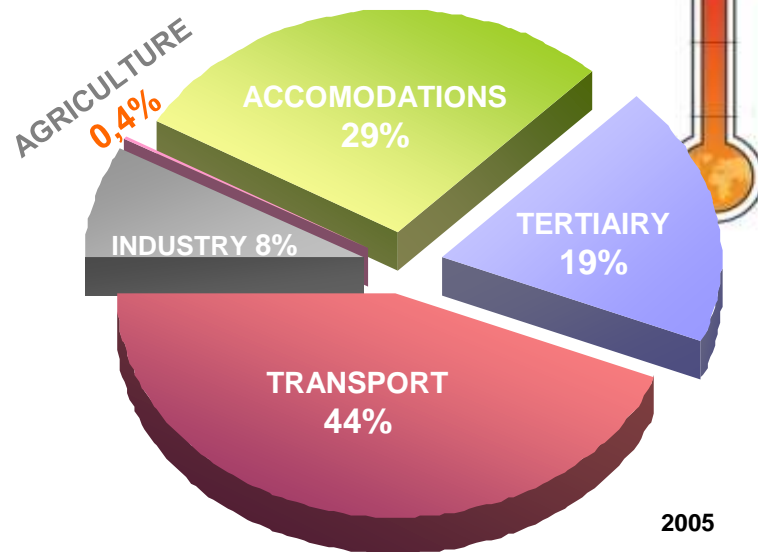
2009

versus

Administration

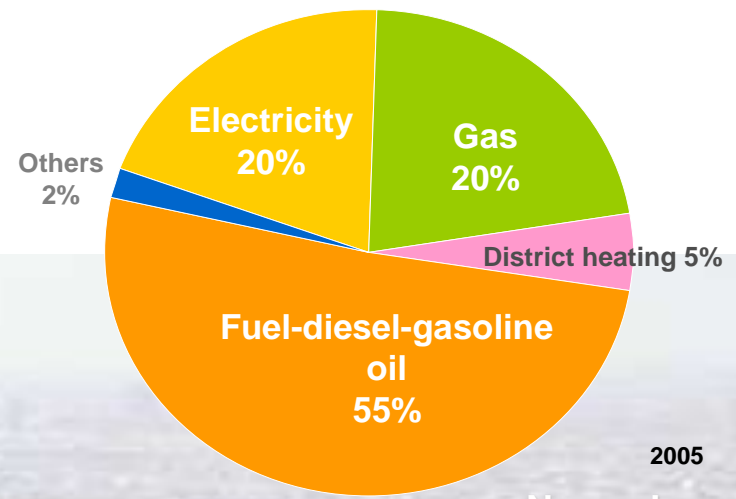
- 3,000 buildings
- Heating **500 GWh/y**
- Electricity **200 GWh/y**
- Street lighting **150 GWh/y**
- 3,300 vehicles **8 millions liters**
- 51,000 civil servants
- Annual budget **7 billions €**

Île-de-France (region)



2005

286,000 GWh/year

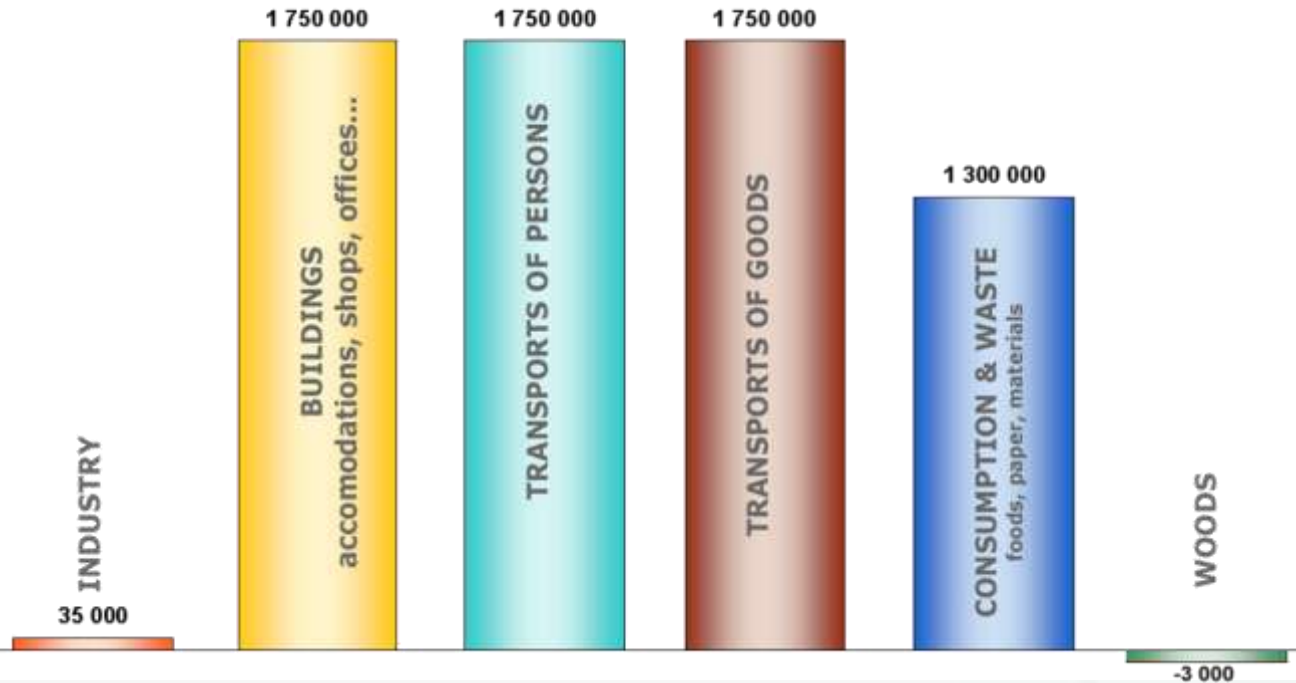


2005

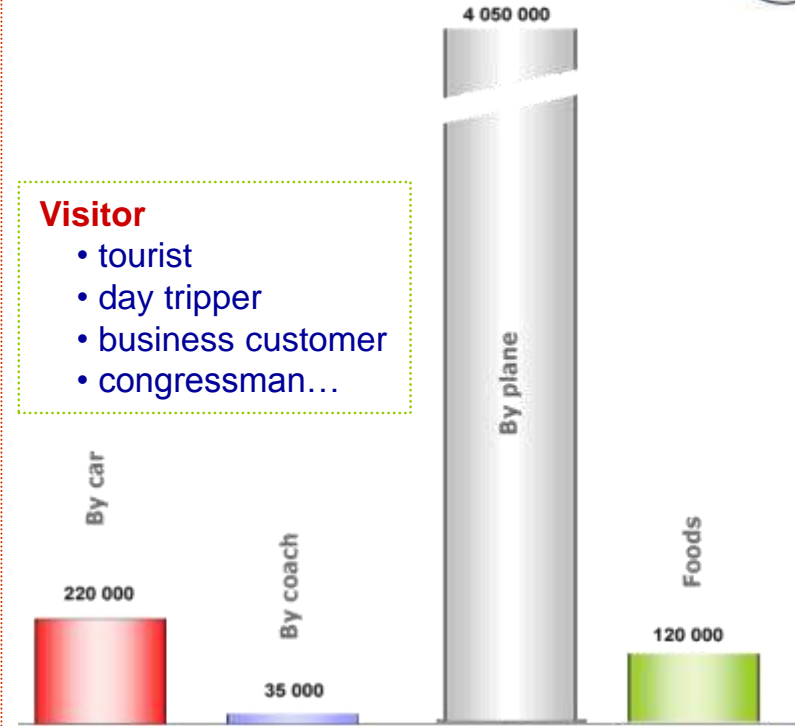
The Bilan Carbone[®] of Paris (Territory) – 2004

sept. '05-dec.'06

6.55 million tons Carbon eq.
24.04 million tons CO₂ eq.

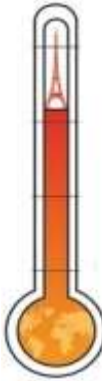


4.42 million tons Carbon eq.
16.24 million tons CO₂ eq.

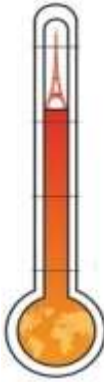


Visitor

- tourist
- day tripper
- business customer
- congressman...



Climate protection plan development, *June '06-Oct.'07* *a debate with Paris*



4 groups

Territory companies,
Citizens,
Councillor,
Administration.

Public debates

City hall,
20th local city hall.

Internet

Information,
Parisians quotations,
Special pages for NGO
and local district
quotations,



White paper

Voices of Parisians for the climate
february 2007



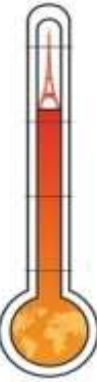
8 workshops :

- Buildings,
- Territory adaptation,
- People transportation,
- Goods transportation,
- Economic activities,
- Local and international cooperation,
- Waste and consumption,
- Education and culture.

Climate protection plan of Paris
october 2007

1st climate protection actions plan of Paris

adopted 1st October 2007 unanimously



🌿 Objectives : -75% GHG emissions by 2050 compare to 2004

🌿 Local administration :

- -30% emissions by 2020 compare to 2004
- -30% energy consumption (buildings and street lighting)
- 30% of renewable energy in supply by 2020

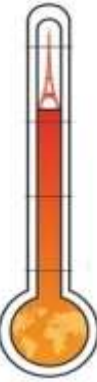
🌿 Territory :

- -25% emissions by 2020 compare to 2004
- -25% energy consumption by 2020
- 25% of renewable energy in supply by 2020



Bilan Carbone[®], the five-year indicator of the plan.

Main goals



◆ Buildings

- New: 50kWh/m²/y Renovation : 80kWh/m²/y
- 5,000 social dwellings refurbished per year

◆ Transports

- Reduce by 60% GHG emission from local transport
- New tramways, improve public transport outside
- Developing eco-friendly means of transportation (bike...)

◆ Urbanism

- New zero carbon area

◆ Consumption & waste

- Reduce by 15% wastes by 2020

◆ Economy

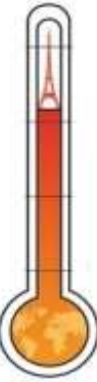
- Developing sustainable tourism
- Creating competitive cluster : building research, green urban energy

◆ Adaptation

- Anticipating heat waves
- Improving the flood prevention plan
- Increasing green areas (30ha): parks, roofs...



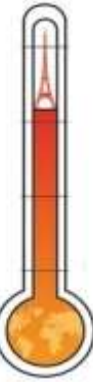
A balance after 4 years...



- ◆ Work in progress !
- ◆ More than 15,000 social flats retrofitted
- ◆ 14 km of new tramway line
- ◆ +300 km cycle tracks
- ◆ A special PPP to retrofit 100 schools (-30% energy consumption)
- ◆ New street lighting objective : 2010-2020 : -30%
- ◆ A special biodiversity plan adopted
- ◆ 10% of Paris' area = Climate Plan laboratories
- ◆ More than 500 M€/y investment
- ◆ More than 150,000 t. CO₂e avoided every year
- ◆ Almost no solution to reduce carbon footprint of freight
- ◆ Involve private sector still a problem
- ◆ How to measure € and CO₂ real savings ?

And now what for 2012?

- 🟢 **Update of Paris Climate Protection Plan**
- 🟢 **Engage territory actors by a contract**
- 🟢 **Integration of a real adaptation action plan**
after studying strengths and weaknesses of our territory



More information



<http://www.planclimat.paris.fr/>

CONTACT

planclimatdeparis@paris.fr

Teşekkür ederim !

Thank You !

Merci !

