

# Preparing for the Paris 2012 Olympic bid.

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# The mission:-

- ▶ **Egis had prepared the 2008 plans.....**
- ▶ **analyse travel demand during the Games,**
- ▶ **determine the needs for new infrastructures or improvements in services, based on the travel needs generated by the hosting of the Games, in addition to parking needs (for spectators and authorised persons),**
- ▶ **draft the Strategic Travel Plan during the 2012 Olympic and Paralympic Games,**
- ▶ **provide all travel-related information necessary for the drafting of Paris' application to host the 2012 Olympic and Paralympic Games,**
- ▶ **Assist Paris 2012 in its travel-related working groups,**
- ▶ **Assist Paris 2012 in preparing for the evaluation committee's plan visit from 9 to 12 March 2005.**



# The Brief

- ▶ **Contracting Assistance:** Egis Mobilité participated in and headed several working groups (80 to prepare the application and 25 to prepare for the IOC Evaluation Committee's visit) including: the Police Headquarters, the RATP, the DREIF, the STIF, the City of Paris (DVD), the APUR, the Ile-de-France Region, international experts (Australia, USA, Greece). – a huge Stakeholder involvement.
- ▶ **Two working groups were more closely involved with transportation:**
- ▶ **Spectator Transportation,**
- ▶ **Mobility and transportation for Authorised persons**



# Engagement

- ▶ **The Strategic Travel Plan**
- ▶ **The Strategic Travel Plan needed to factor in several requirements during the Olympic and Paralympic Games:**
- ▶ **Spectator Transportation,**
- ▶ **Transportation for authorised persons: athletes and accompanying personnel, media, VIP, sponsors...**
- ▶ **Volunteer Transportation,**
- ▶ **Travel for Ile-de-France residents,**
- ▶ **Security,**
- ▶ **The environment (air quality, noise,...).**



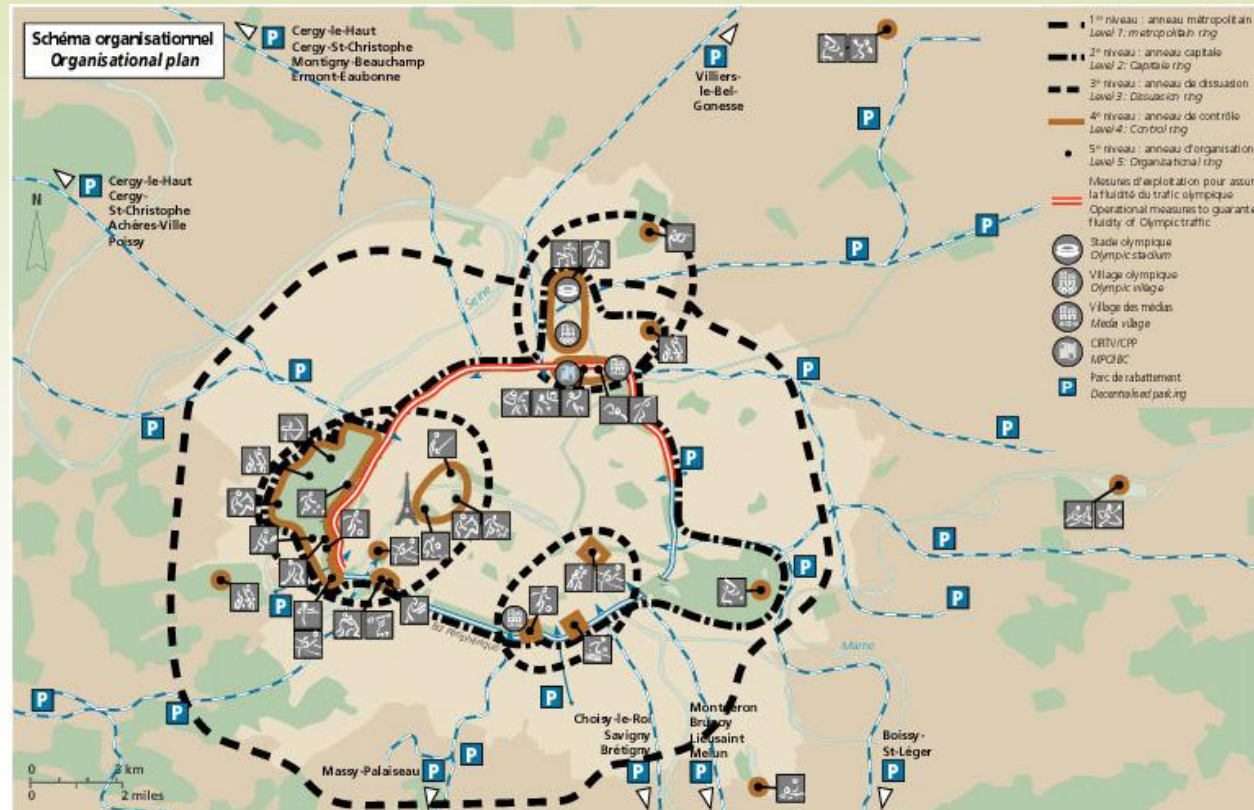
# The Numbers.....

Category	Number of people	Number of Daily trips
Athletes & Support personnel	16,000	50,000
IOC, NOC, IF	18,000	20,000
Media	17,000	65,000
Judges / Referees	1,600	5,000
Sponsors & Guests	7,000 + Guests	150,000
Volunteers & Support staff	80,000	200,000
Spectators	350 – 500,000	600,000





# Developing the concept





# A 5 Ring Concept

Levels	Measures
Level1 – Metropolitan Ring. Objective – to dissuade public from entering the other rings	Limit access onto radial highways & A86 Motorway to maintain flow, Set up & manage decentralised car parking and promote Public Transport. Divert Truck traffic to alternative routes.
Level 2 – Capital ring. Objective – development of a Priority access route for Games traffic	Travel time guarantees through operating measures – Priority Branded lanes & access control to approved users
Level 3 – Dissuaded Ring Objective – to preclude non games traffic from access to specific areas	Uses of Media and VMS, Closure of Public Car Parks and provision of alternative parking adjacent to Public Transport hubs, particularly at RER sites
Level 4 – Control Ring. Objective - strictly limited access for ticket holders	Parking reserved for accredited personnel, Use of electronic tags for access control, high regulation of delivery traffic
Level 5 – Organisational Ring Objective – reserved access for authorised personnel	Access Control – security and ticket holders, Parking only for Officials.



## Developed Concepts

- ▶ **Defined Transport services to be accommodated**
- ▶ **Determine size of fleets to meet demands.**
- ▶ **Compare Parking needs with Capacities**
- ▶ **Define vehicle specifications to meet environmental needs**
- ▶ **Inventory Public Transport abilities & develop where necessary**
- ▶ **Develop ITS Concepts – VMS, Access control, Monitoring**



# Validate Transport plans through modelling.

- ▶ **A recent, high calibre Traffic Model existed that allowed:-**
- ▶ **Travel times for the Olympic Family to be validated**
- ▶ **Capacity of the public (and segregated) highways to handle the additional demand (over 1 million trips per day)**
- ▶ **Adequacy of Public Transport fleets to handle demand.**
- ▶ **A separate model was used to test the different values for the Paralympics games. (differing transport needs, accessibilities etc)**



# Segregated lanes & Branding





## ITS Technologies suggested.

- ▶ **Long Range RFID Tags for approved vehicles (accesses & Parking)**
- ▶ **Interrogator sites coupled with Image capture**
- ▶ **Offline ANPR extraction and Citation processing**
- ▶ **All Public Transport (and VIP) vehicles equipped with GPS tracking**
- ▶ **Traffic Signal Priority via RF demands**
- ▶ **Modifications at Traffic signal controllers.**



# Results

- ▶ **Egis Mobilité worked with the Paris 2008 Public Interest Group to draw up quality and service objectives for the different involved groups.**
- ▶ **A Strategic Transport Plan was drawn up in order to meet the service standards that had been promoted.**
- ▶ **The Transport requirements of the IOC were met**
- ▶ **Paris lost out to the UK as successful hosts!**



# Conclusions

- ▶ **Huge timeframes involved (started in 1999...for 2008 bid – we used a lot of this data for 2012 concepts.....)**
- ▶ **Even huger committee participation ( 105 ‘interested sectors’)**
- ▶ **“Its all about the Athletes”.....except for the transport and other related fields !**