

Infrastructure and Place

A Keolis Network Infrastructure Project

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Role of Infrastructure:

- Enhance the cityscape and facilitate mobility
- Decrease car usage



Enhance the city



Decrease cars



Decrease cars



Decrease cars





LE MANS Tramway project



A new Project

The tram network



Choice of Infrastructure:

- Route configuration
- Traffic generator

Socio-demographic approach/analysis

Place de la Republique



Before



After



Train station



Before

After



➤ **The creation of an interchange hub bringing together:**

➤ **High speed TGV trains and regional trains**

➤ **the tram**

➤ **city buses**

➤ **regional coach services**

➤ **taxis**

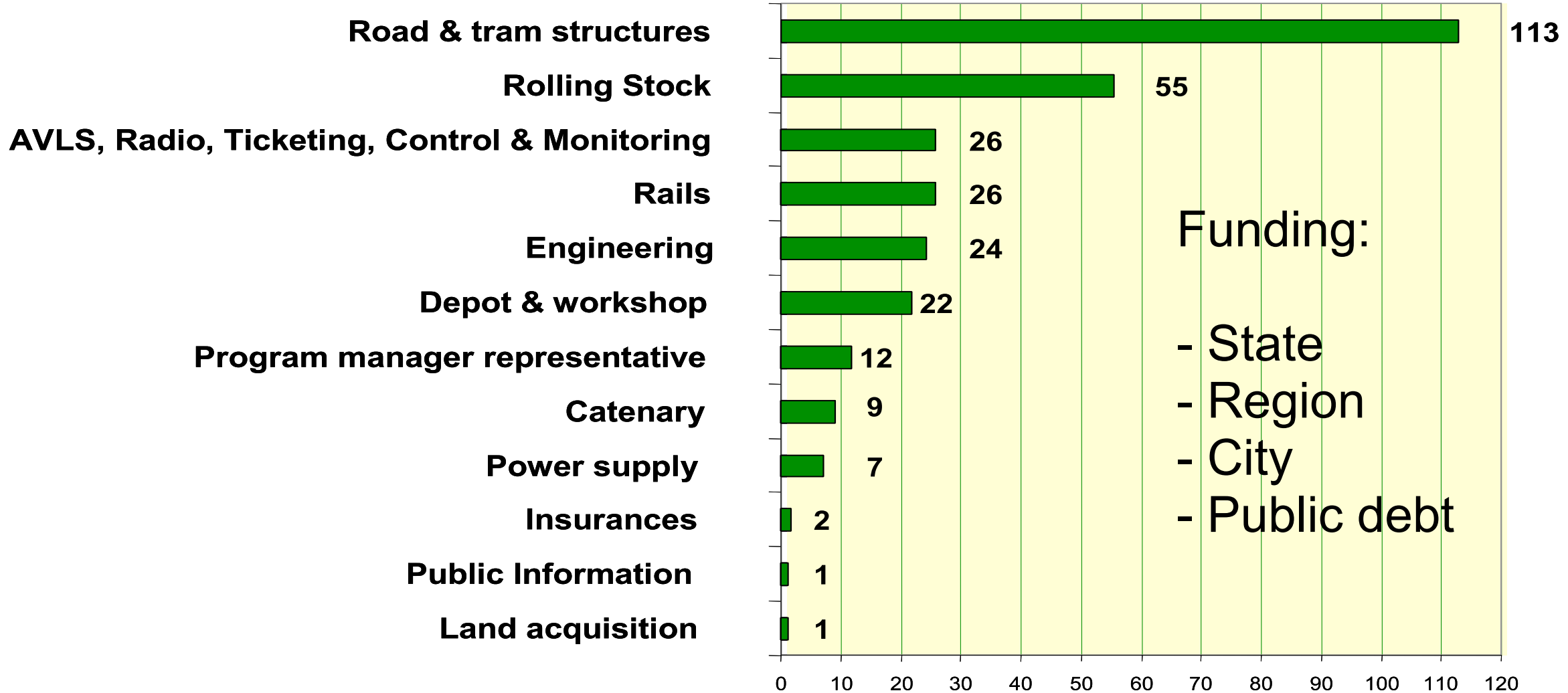
➤ **bike hire**



Smallest budget

INVESTMENT : 298 M€

(AVP vol1 fasc1/8 part D - january 2004)



Drivers:

- Political will
- 55 minutes from Paris
- Tackle congestion

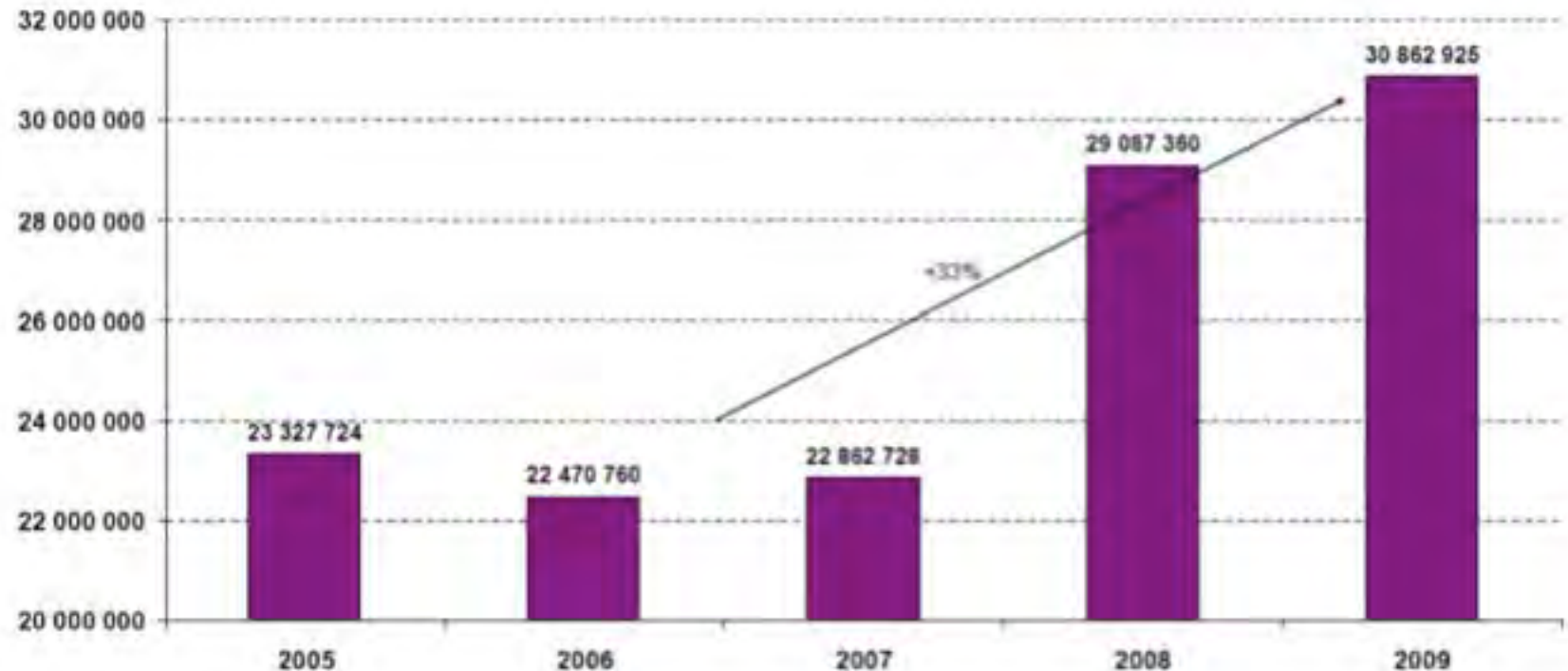
- Increase revenue
- Tram serving the main facilities and amenities



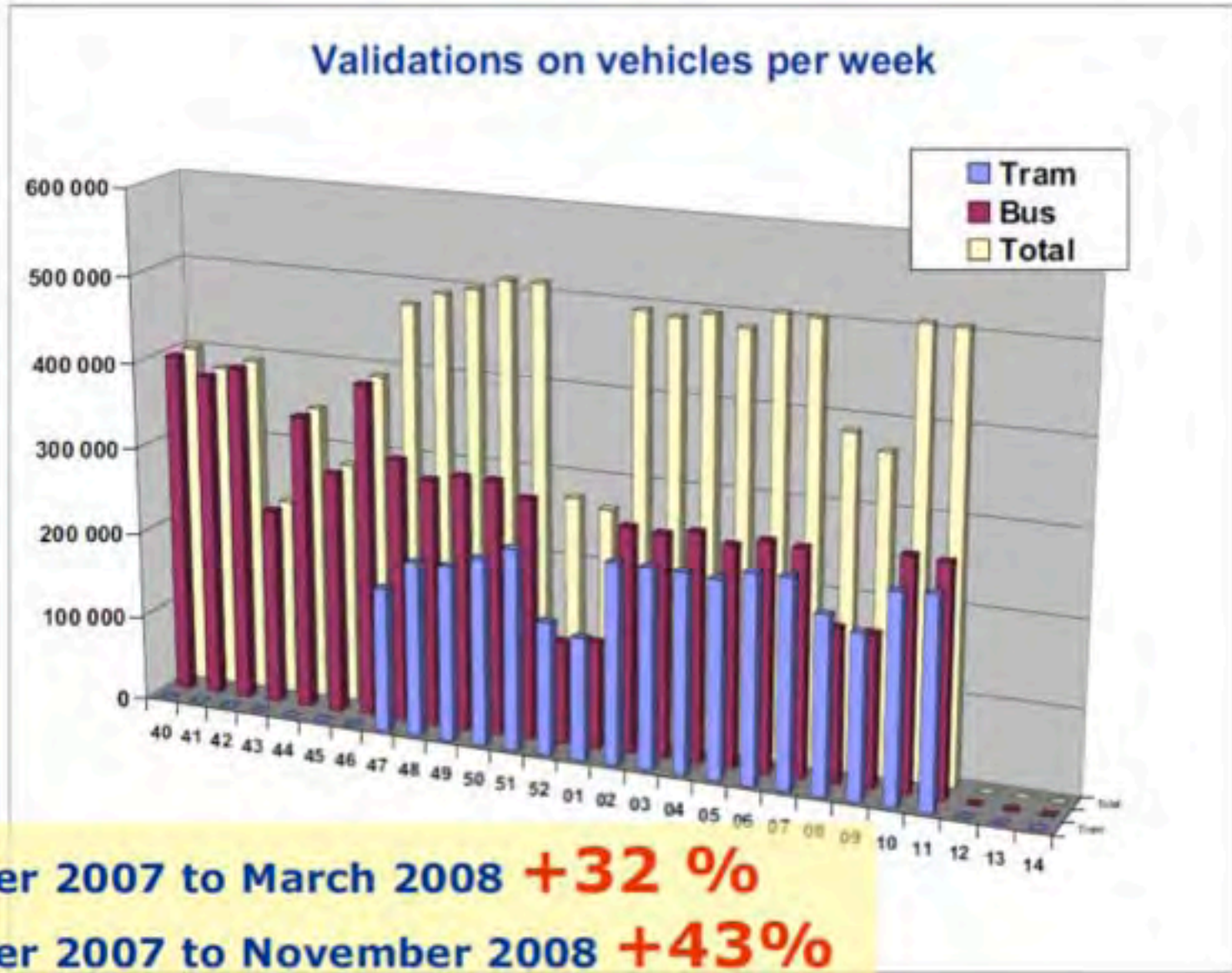
The university campus, the hospital, the city centre, the railway station, the shopping mall, the medical centre, Antarès (concert hall and basketball), the Le Mans racetrack and the site of the new football ground.

Results:

Increase in PT patronage from 22,5M in 2006 to 31M in 2009 (+33%)



30% reduction in number of cars in city centre



Melbourne's context:

- Century old network
- Multiple PT operators



Some examples:

- Bourke St Mall
- Swanston St
- Densification along tram corridors (Prof Adams)



And then... Elizabeth / Flinders Street

How: Long term Franchise
(8 years + 7 year extension)





Thank you.



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