URBAN AGE SOUTH AMERICA CONFERENCE
DECEMBER 2008

Fabio Casiroli
Professor in Transport Planning, Politecnico di Milano and Chairman, Systematica, Milan

Strategies for Urban Mobility:
A Comparative Overview
All rights are reserved by the presenter
www.urban-age.net
Fabio Casiroli
DPA Milan Polytechnic & Systematica
lessons from cities
berlin
berlin an excellent pt
berlin an excellent pt
berlin

lesson from berlin
extensive, integrated networks cut down the need of cars
madrid
madrid nuclear development
madrid

lesson from madrid
madrid

successful multinuclear models need strong public transport connections
los angeles
Les grands projets de Los Angeles

- Métro en service
- Tramway en service
- Train de banlieue
- Projet de TGV
- Projet de maglev (SCAG)
- Ligne de fret

Los Angeles a new deal
never say “never”

even the car-cities are capable

of designing a better life
beijing
beijing radical measures

2008, september 19th

2008, september 22nd
beijing

lesson from beijing
simple measures can have a strong effect
carrots & sticks
intelligent location of the primary urban functions
Milan, 1965: growth
Milan, 2005: sprawl
the only reasonable approach would appear to be to go for urban densification and modal integration. Such integration would involve every mode of transport.
beyond modelling
orders of magnitude
changeable
city shapes
Tokyo

Istanbul

Los Angeles

public transport

Berlin

Istanbul
São Paulo 2008

city core
today – by car am peak

45%

22%
today – by public transport am peak

82%

25%
tomorrow – by public transport brt am peak

82%

50%
tomorrow – by public transport rail am peak

82%

50%
national accessibility
the emerging
european diagonal

milano
marsiglia
barcelona
madrid
lisbona
genova
torino
lione
tolosa
bilbao
saragoza
valencia
oporto
siviglia
an emerging brazilian diagonal?