



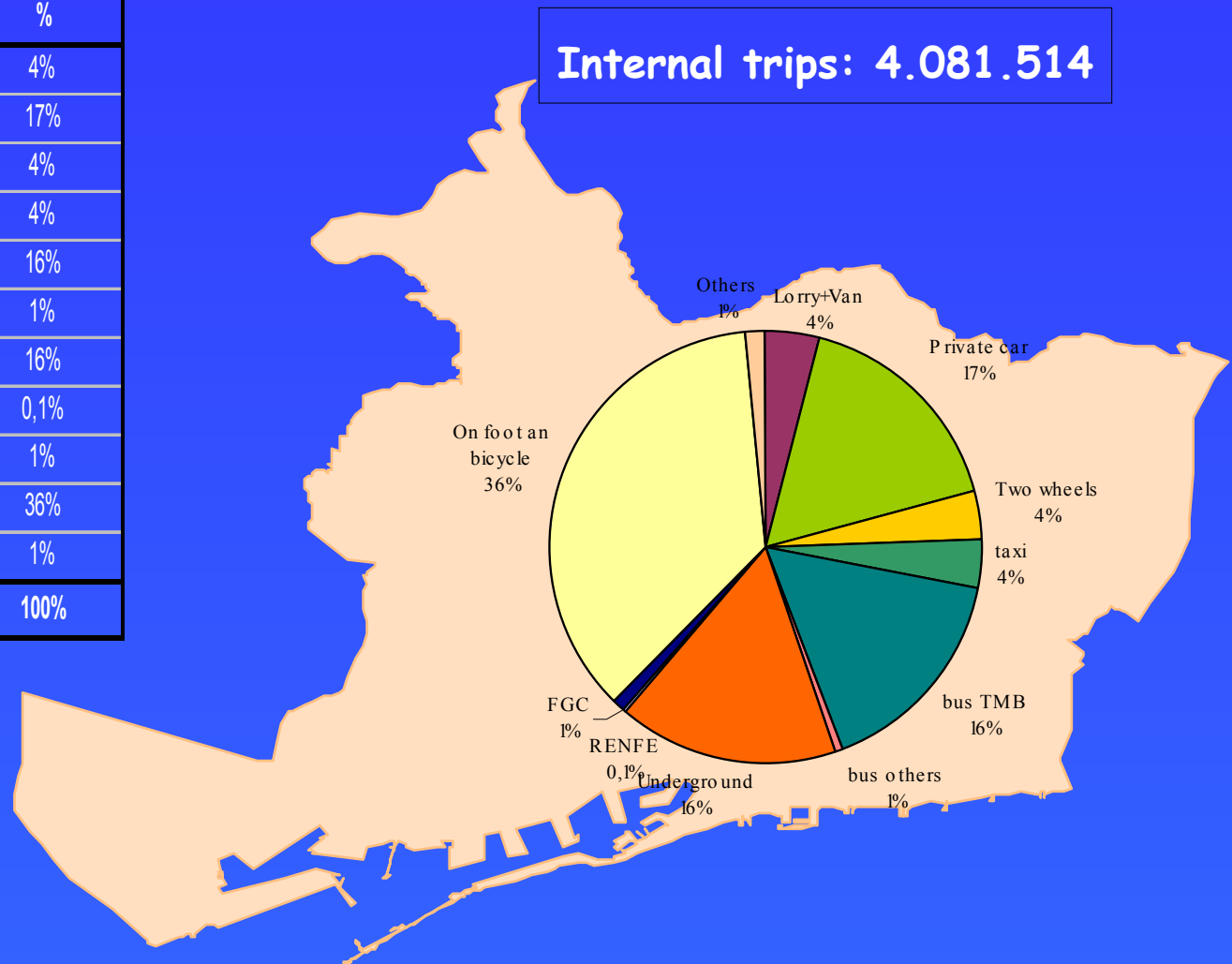
**CAR SHARING IN BARCELONA**

# MOBILITY IN BARCELONA

- Internal trips
- Internal/External trips
- Mobility in the Metropolitan Region of Barcelona (RMB)
- Private cars occupation

# MODAL DISTRIBUTION OF INTERNAL TRIPS ON WORKDAYS

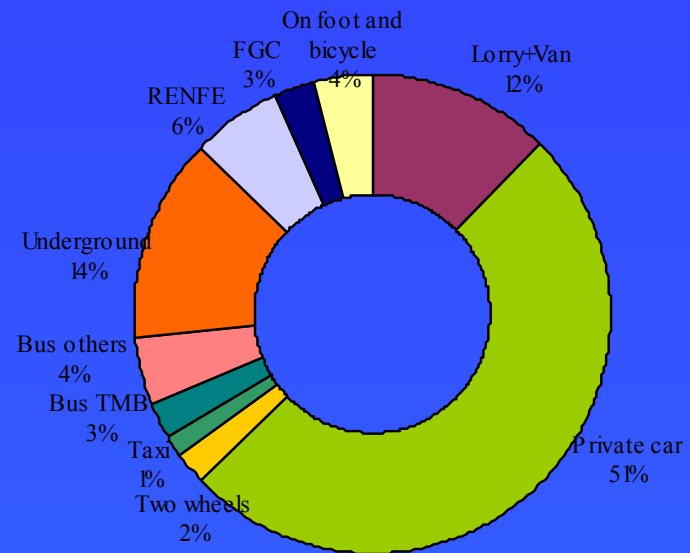
Trips Modes	internal	%
Lorry+Van	168.595	4%
Private car	676.265	17%
Two wheels	155.630	4%
Taxi	144.480	4%
Bus TMB	660.584	16%
Bus others	21.373	1%
Underground	668.777	16%
RENFE	5.138	0,1%
FGC	41.103	1%
On foot and bicycle	1.487.325	36%
Others	52.244	1%
<b>total</b>	<b>4.081.514</b>	<b>100%</b>



# MODAL DISTRIBUTION OF INTERNAL-EXTERNAL TRIPS ON WORKDAYS

Internal- External trips: 1.919.599

Trip-Modes	int-ext	%
Lorry+Van	239.405	12%
Private car	964.333	50%
Two wheels	45.100	2%
Taxi	23.520	1%
Bus TMB	51.095	3%
Bus others	83.525	4%
Underground	267.138	14%
RENFE	115.000	6%
FGC	55.443	3%
On foot and bicycle	75.040	4%
<b>total</b>	<b>1.919.599</b>	<b>100%</b>



# MOBILITY IN THE METROPOLITAN REGION OF BARCELONA (RMB)



## Metropolitan Region of Barcelona

**164 Municipalities**  
**4.228.048 inhabitants**  
**3.236,2 Km<sup>2</sup>**  
**1.306 inhab./Km<sup>2</sup>**

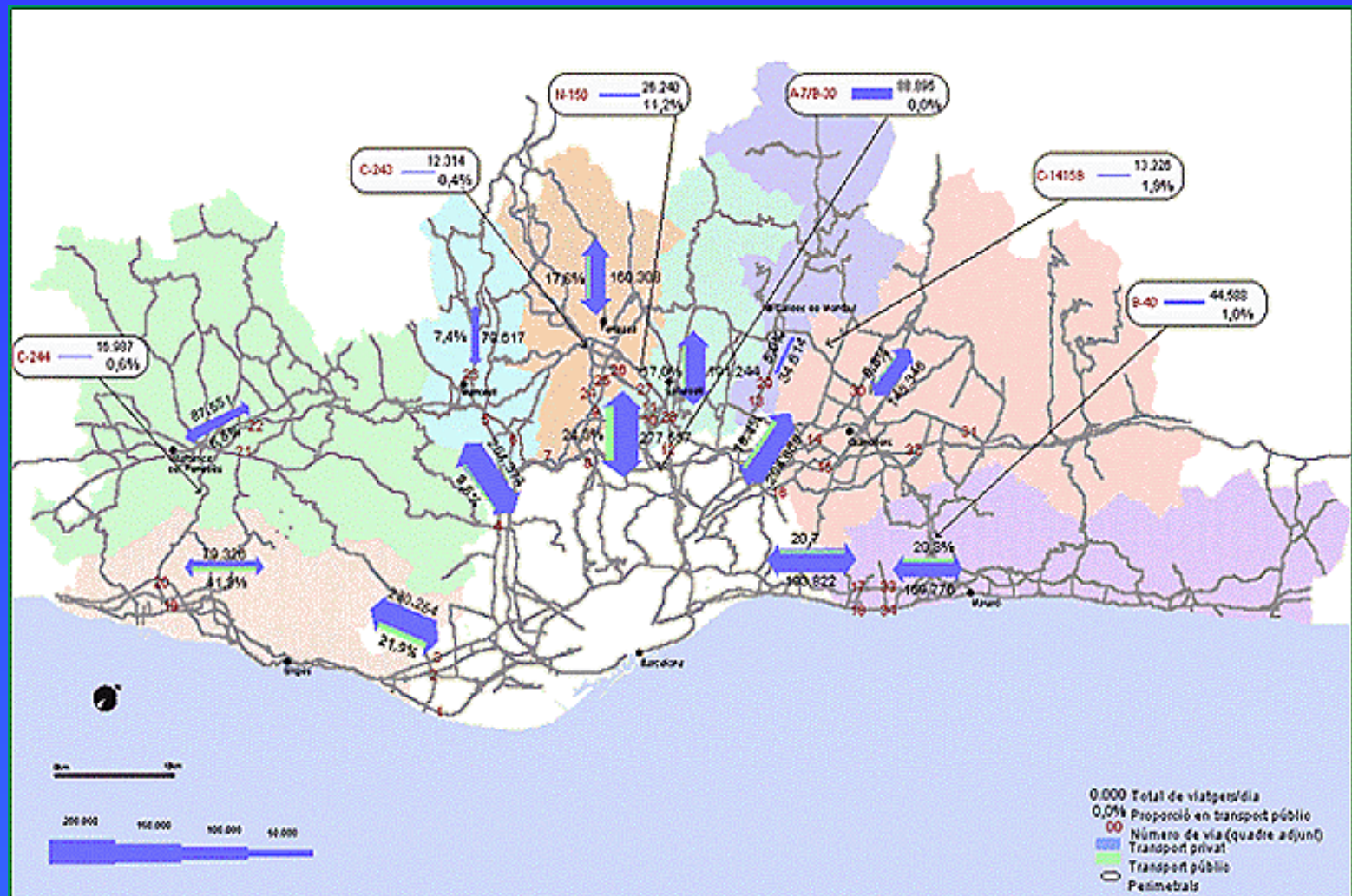
## Central Agglomeration

**35 Municipalities**  
**2.943.732 inhabitants**  
**526,3 Km<sup>2</sup>**  
**5.593 inhab./Km<sup>2</sup>**

## Rest of RMB

**129 Municipalities**  
**1.284.316 inhabitants**  
**2.707,9 Km<sup>2</sup>**  
**474 inhab./Km<sup>2</sup>**

# The use of the public transport decreases as we take away of Barcelona



# PRIVATE CARS OCCUPATION

- The average occupation in private car:

- internal trips **1.15**
- internal/external trips **1.3**

- The average european occupation: **1.4**



**The average occupation tends to decrease**

# CAR SHARING IN BARCELONA

- Commitment of the Local Authority
- Implementation study contents
- Possible partners and Foundation
- Timetable

## COMMITMENT OF THE LOCAL AUTHORITY

- Municipal Action Programme 2000-2003, section of Security and Mobility Commission.
- Agreement between the Barcelona City Council and the APTP (NGO) to develop a car sharing service in Barcelona.

# IMPLEMENTATION STUDY CONTENTS

↖ **Service organization** (kind of members and enterprises)

↖ **Operation system:**

- Kind of users
- Parking lots
- Bookings (call centre)
- Car access
- Fleet features

## POSSIBLE PARTNERS AND FOUNDATION

- TMB (Metropolitan Transport Company of Barcelona).
- SMASSA (Municipal Parking Society ).
- Other transport operators.
- APTP (Association for the Promotion of the Public Transport).
- Automobile entities.



**Sustainable Mobility Foundation**  
(created by NGO)

# TIMETABLE

Implementation and business study
Executive project
Pilot test (implementation)
Assessment and evaluation of results