

# ENA, Energy and Environment Agency of Arrábida



High Level Training courses on Sustainable Mobility

Barcelona, Spain, 11-13 June 2019

## Region of Lisbon and Tagus Valley/Setúbal Peninsula

**21** associated entities

**3** Municipalities

Territory with **890 km<sup>2</sup>**

**234 000** inhabitants

**2** SEAPs ongoing



# Lisbon Metropolitan Area



**18** Municipalities

Territory with **3 015 km<sup>2</sup>**

**2,821 million** inhabitants

## ENA's Territory



The region brings together heavy and cutting-edge technology industry, handicraft activities, good quality tourism infrastructures and large natural areas with outstanding characteristics.

The landscape morphology is dominated by plains, with the exception of the mountainous range of Arrábida - highest point at 500 meters above sea level.

## ENA's Key thematic subjects



**Climate change mitigation and adaptation**



**Energy Efficiency**



**Environment, energy and  
clima in urban planning**



**Mobility,  
accessibility,  
transport**



**Partnership**



**Awareness raising, training**



**Financing instruments**



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**Acronym:** ENERNETMOB

**Programme:** INTERREG MEDITERRANEAN

**Project title:** Mediterranean Interregional Electromobility Networks for intermodal and interurban low carbon transport systems

**Coordinator:** Region of Peloponnese

**15 partners:** Malta, Greece, Portugal, France, Italy, Slovenia, Cyprus, Albania, Italy, Croatia, Montenegro, Spain and Austria

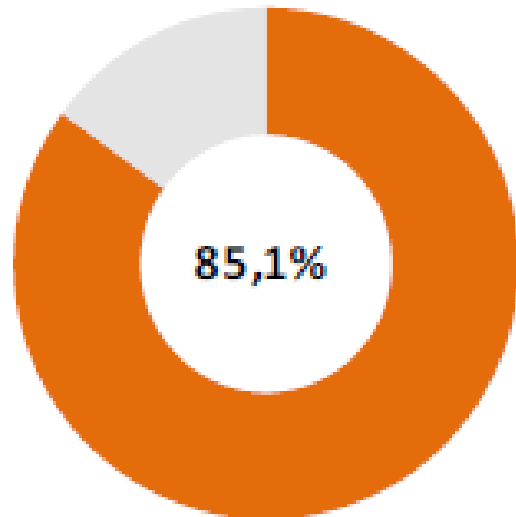
**Project duration:** 01.02. 2018 – 31.01.2022

## Lisbon Metropolitan Area

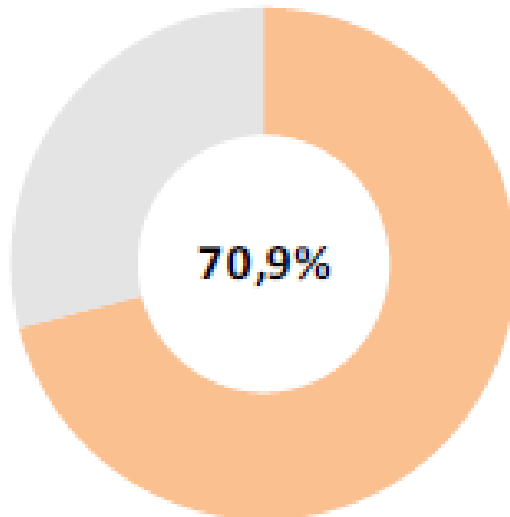
- “Mobile” population represents 80,4% of total resident pop
- Average number of travels/day/person 2,60
- Intramunicipal travels represent 65,4% of total travels with origin and destination in Lisbon Metropolitan Area
- 30,8% main reason for travelling is work
- Individual car is the main transportation mode (58,9%)

# “Mobile” population in Lisbon Metropolitan Area

## AM Lisboa



Working days



S. S. H.

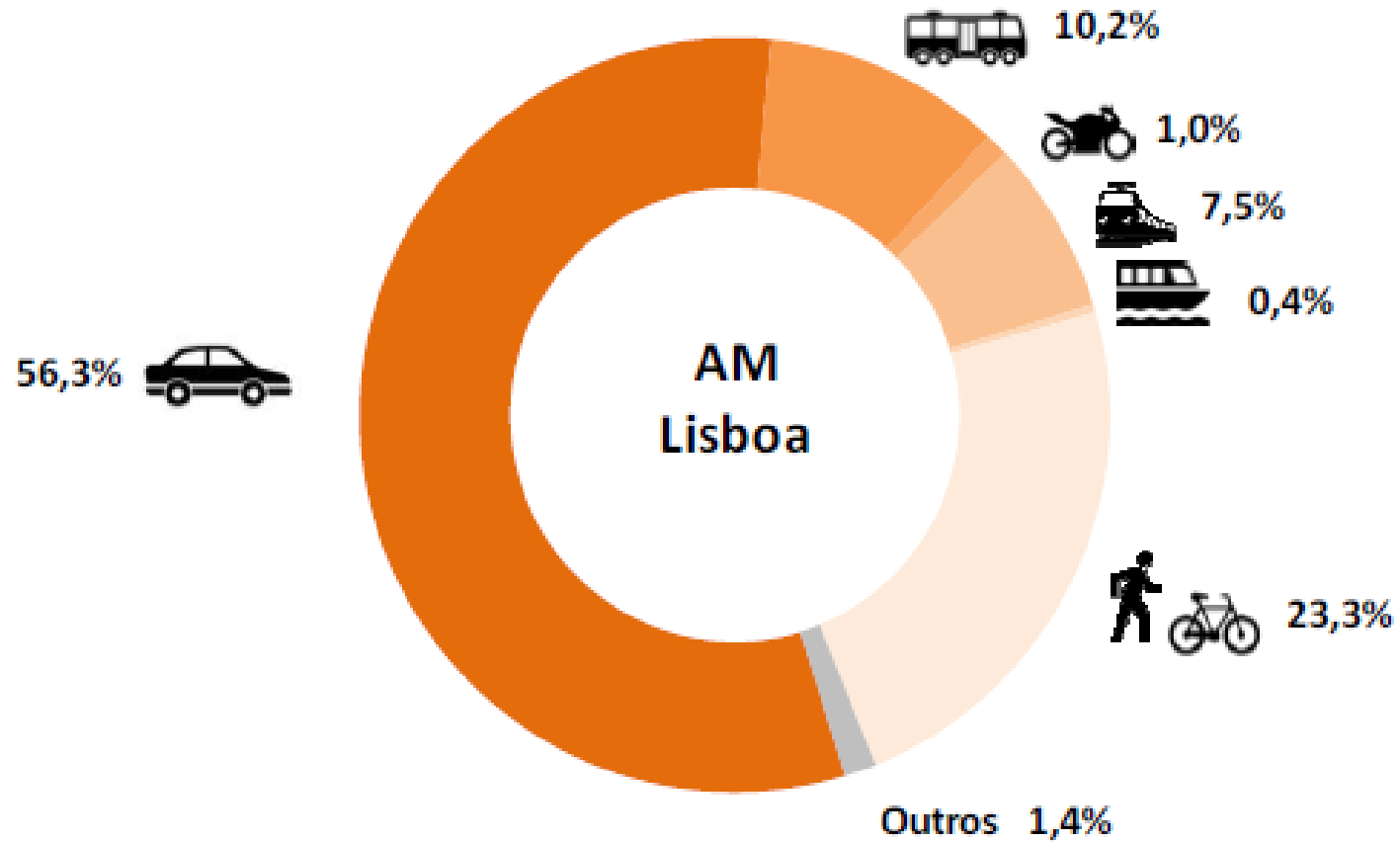
- Sesimbra: 83,9 %
- Palmela: 83,6 %



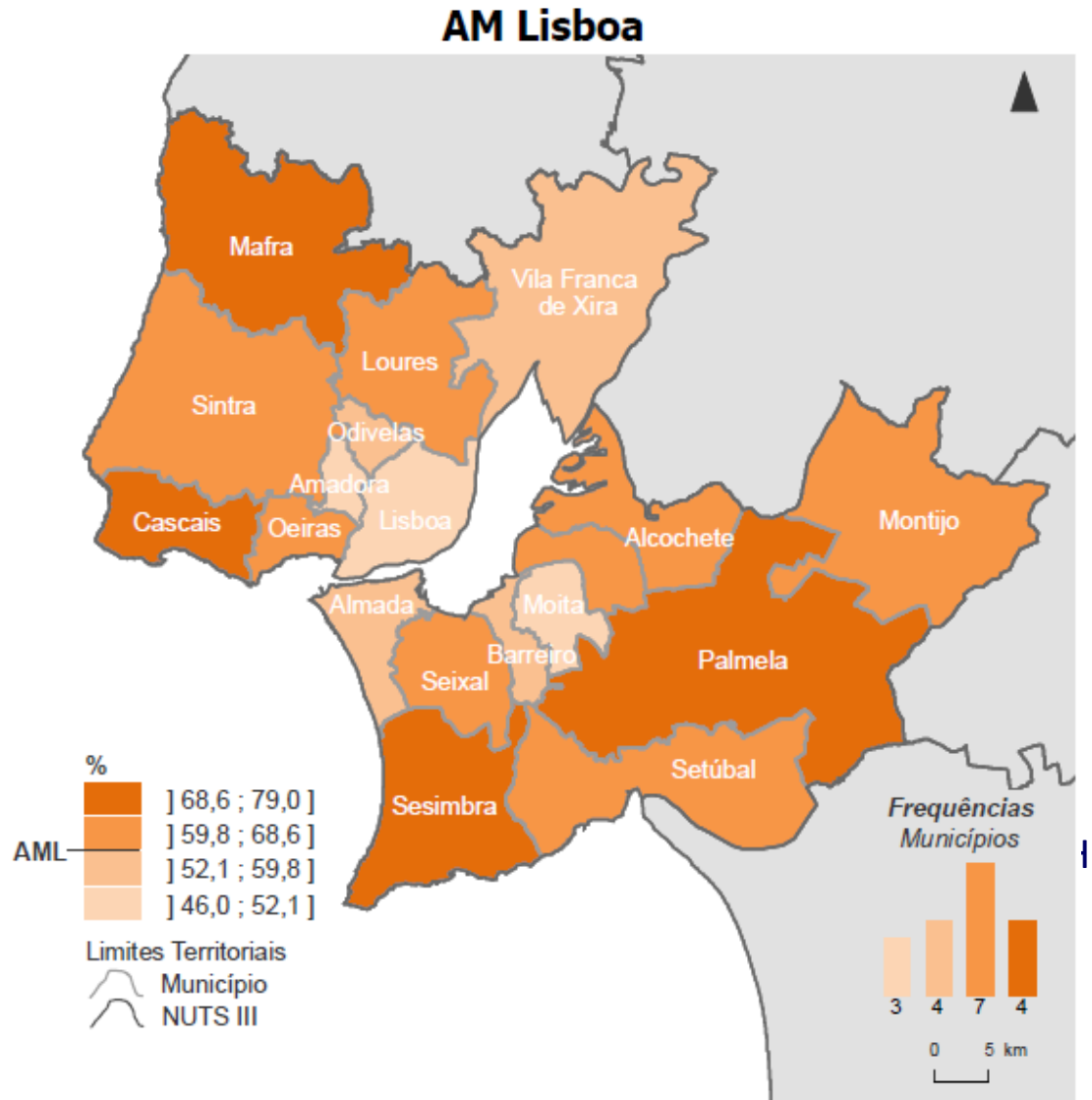
# “Mobile” population in Lisbon Metropolitan Area

- 23,5% use smooth modes (walking, bicycle) for transportation during working days
- Public/collective transport (PT), as main transport mode, represents 15,8%
- Bus is 49,6 % of the PT, reflecting a diversified offer of rail (light and heavy) and river (Tagus and Sado rivers) transport

# Distribution of number of travels by transportation mode, in working days



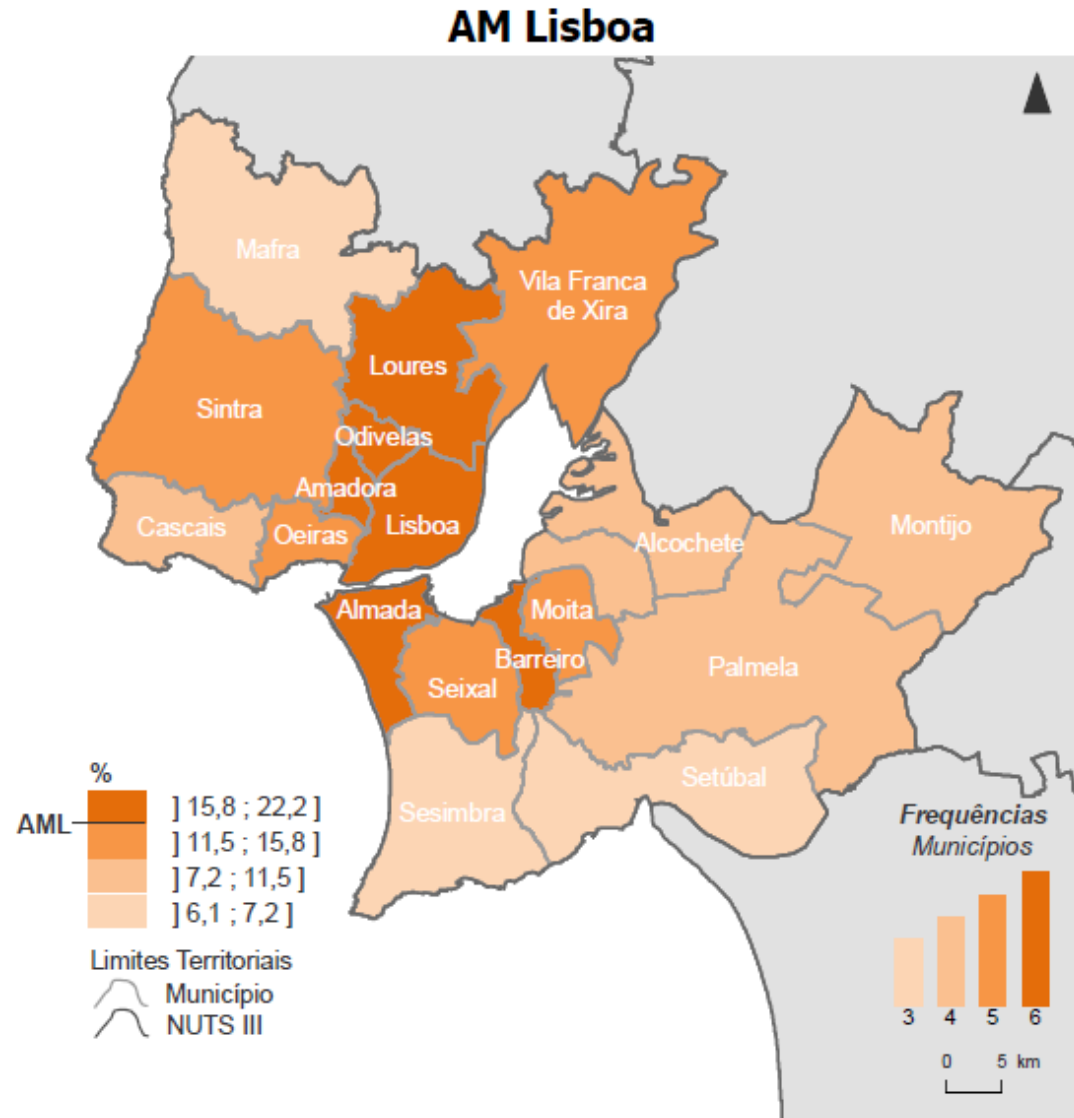
# Proportion of travels using individual vehicles (car, motorcycle) as main transportation means, by Municipality



➤ Sesimbra: 73,0 %

➤ Palmela: 70,4 %

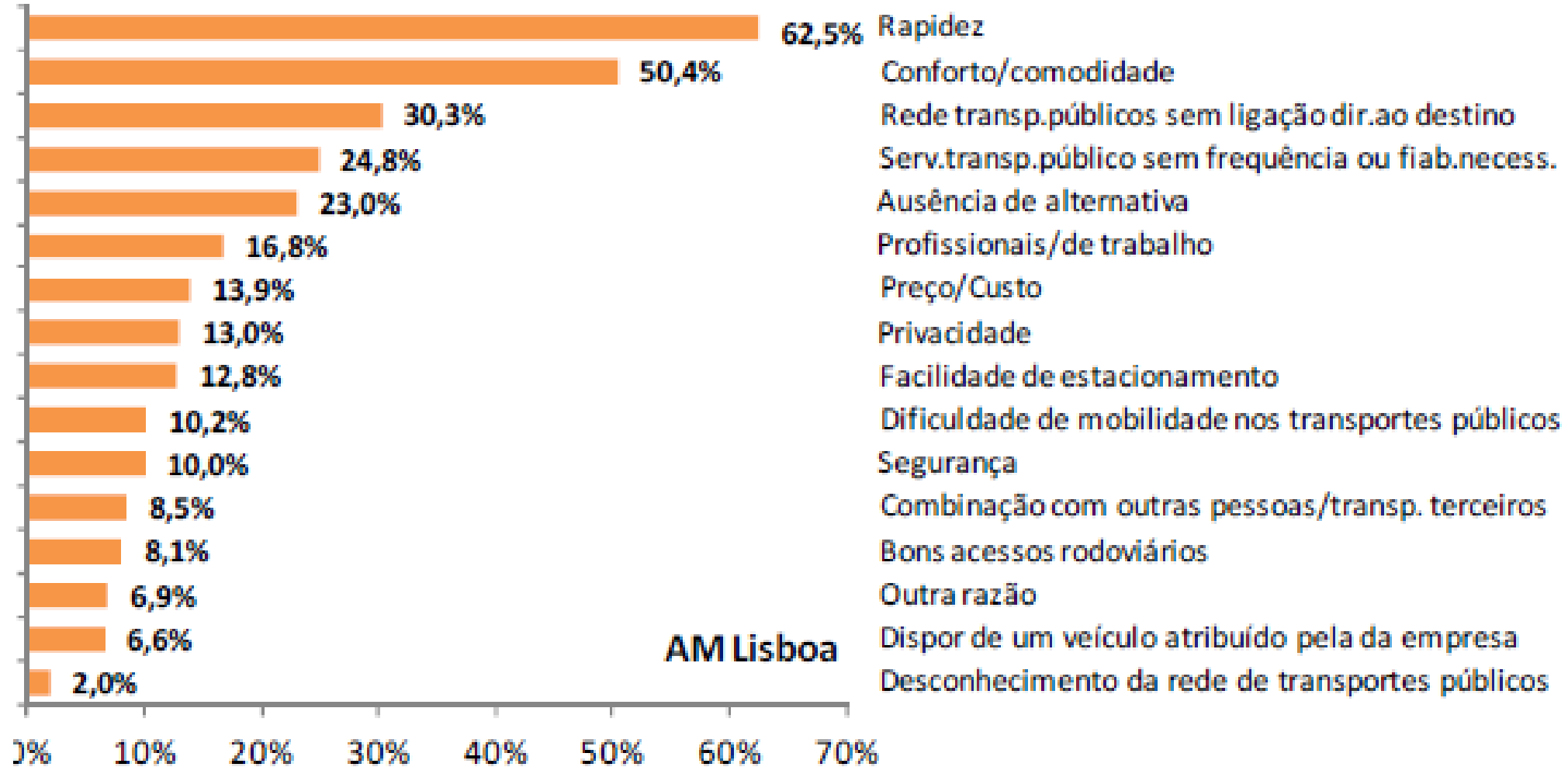
# Proportion of travels using public or collective transport as main transportation means, by Municipality



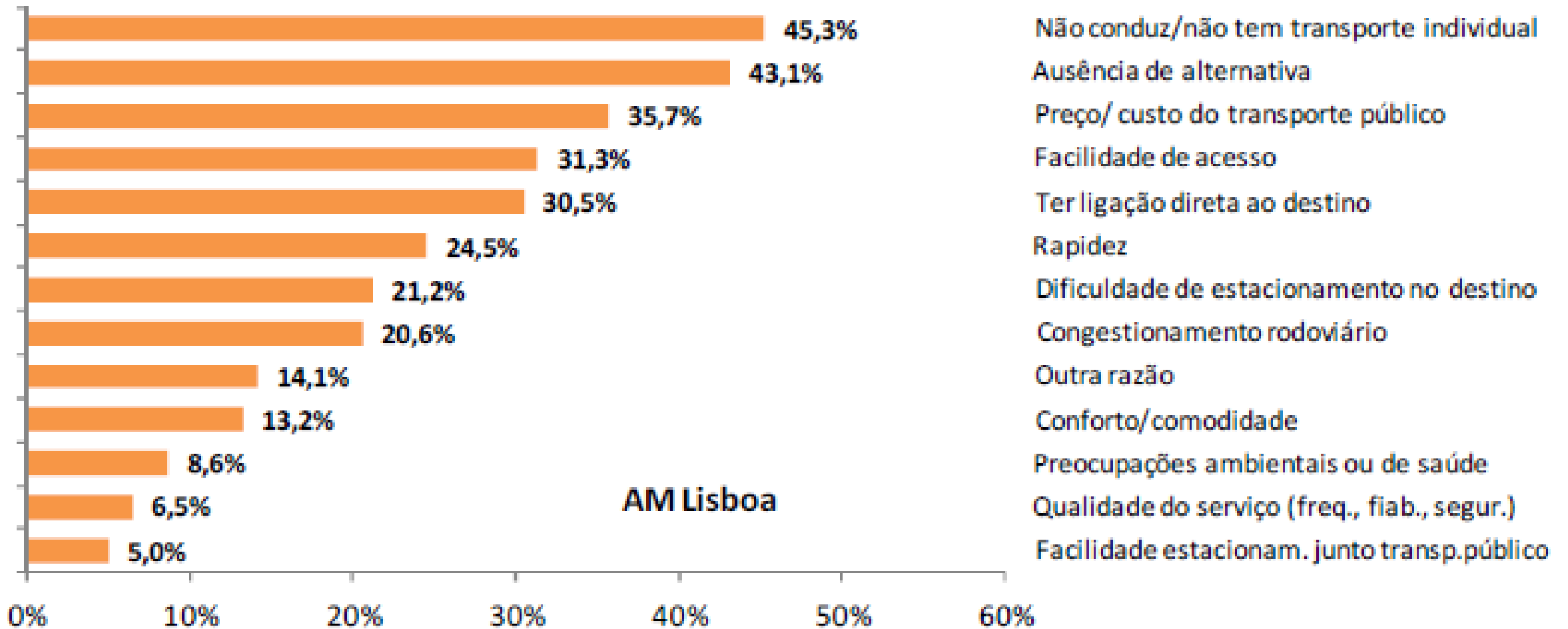
➤ Sesimbra: 6,2 %

➤ Setúbal: 7,1 %

# Reasons for using individual transport means



# Reasons for using public transport



## Public transports in ENA's territory

- Since the 1<sup>st</sup> of April, new ticket solution, accessible and that promotes intermodality in all Lisbon Metropolitan Area
- Lack of bus lines that answer to the population needs
- Lack of intermodality
- Lack of coordination among transport timetables
- Behaviour

## Public transports in ENA's territory

- Introduction of Shared Mobility (with services on request) is a new paradigm of medium scale PT, connecting with heavy modes
- Careful introduction of shared mobility solutions and modal change
- Shared taxi services
- Services for “feeding” heavy modes
- Services for low demand periods and zones

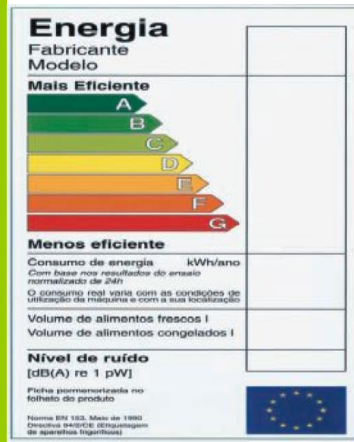


## Example: Palmela

- Local Mobility Council
- Urban Circuit of Pinhal Novo

## Future: Sesimbra, Setúbal and Palmela

- Arrábida emobility Plan
- Shared mobility
- Electrical charging points (Sesimbra 6, Setúbal + 8, Palmela 7)



# Thank You!

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