

# ZITY

SAVING ENERGY, MOVING EFFICIENTLY

by MOBILIZE

## EUROPEAN MOBILITY WEEK '23

SAVE ENERGY

MIX & MOVE!

### SAVE ENERGY BEHIND THE WHEEL



Gas car

7 a 10 L/100km

VS



Electric car

15 a 25 kWh/100km

EU vehicles in use  
**246 million**  
Electric/hybrid cars 1,2%

### EFFICIENT DRIVING



#### What can we achieve?

15-25% lower consumption

- 15% of CO<sup>2</sup>

- Repair costs

+ Vehicle lifespan

\*IDAE (Spanish Institute for Energy Diversification and Saving)



#### How do we achieve it?

Drive smoothly, maintain speed

Saving 3' by accelerating = +50% fuel consumption

Don't accelerate when starting your vehicle

0 to 100 km/h in 8 seconds = driving at 100 km/h for 3'

Avoid excess weight

A full boot = +35% consumption

Roll up your windows

At 100 km/h = +5% consumption

On the highway, 110 km/h = -430 K barrels of gas

At 120 km/h = + 11 % consumption

Proper tire pressure

Low pressure = -20/30% tire lifespan and +5% consumption

In long traffic jams, turn off the engine

> 2' idle = +10% consumption

Engine braking = 0 consumption.

Brake pedal = consumes energy + brake pads

Moderate the use of AC

Between 21-22°C it doesn't waste much energy

## ECO THE ZITY PLUS

#### ECO Mode

5% to 15% of energy savings

#### Regenerative braking

It can recover up to 70% of kinetic energy

### OUR FLEET EMISSIONS

\*from the Transport and Environment in the EU report by the European Environment Agency



#### Road Transport



1,3% MOTORCYCLES



11% LIGHT TRUCKS



27,1% HEAVY TRUCKS



60,6% CARS

Daily CO<sup>2</sup> emissions per car approx

(7 L/100 km) x (10 km) = 1.61 kg CO<sup>2</sup>

+

447.7M Europeans

Average rate of 1.6 persons per car

=

258.52 million kg CO<sup>2</sup> per day

#### Other Transport

0,4% Trains

13,4% Airplanes

14,4% Watercraft

0,5% Others



#### What if every day was like the EMW



ZITY

0 emissions



Bike ride

0 emissions



Urban bus

40g CO<sup>2</sup>/Km



Walking

0 emissions

+ Health  
+ Active and local economy  
+ Tourism  
+ Public transport



Shared mobility

For example:

10,000 kilometers by electric scooter = (-1T CO<sup>2</sup>)

+ Parking spaces  
- Traffic congestion

\*From the study Walk this Way in metropolitan Washington, D.C.