

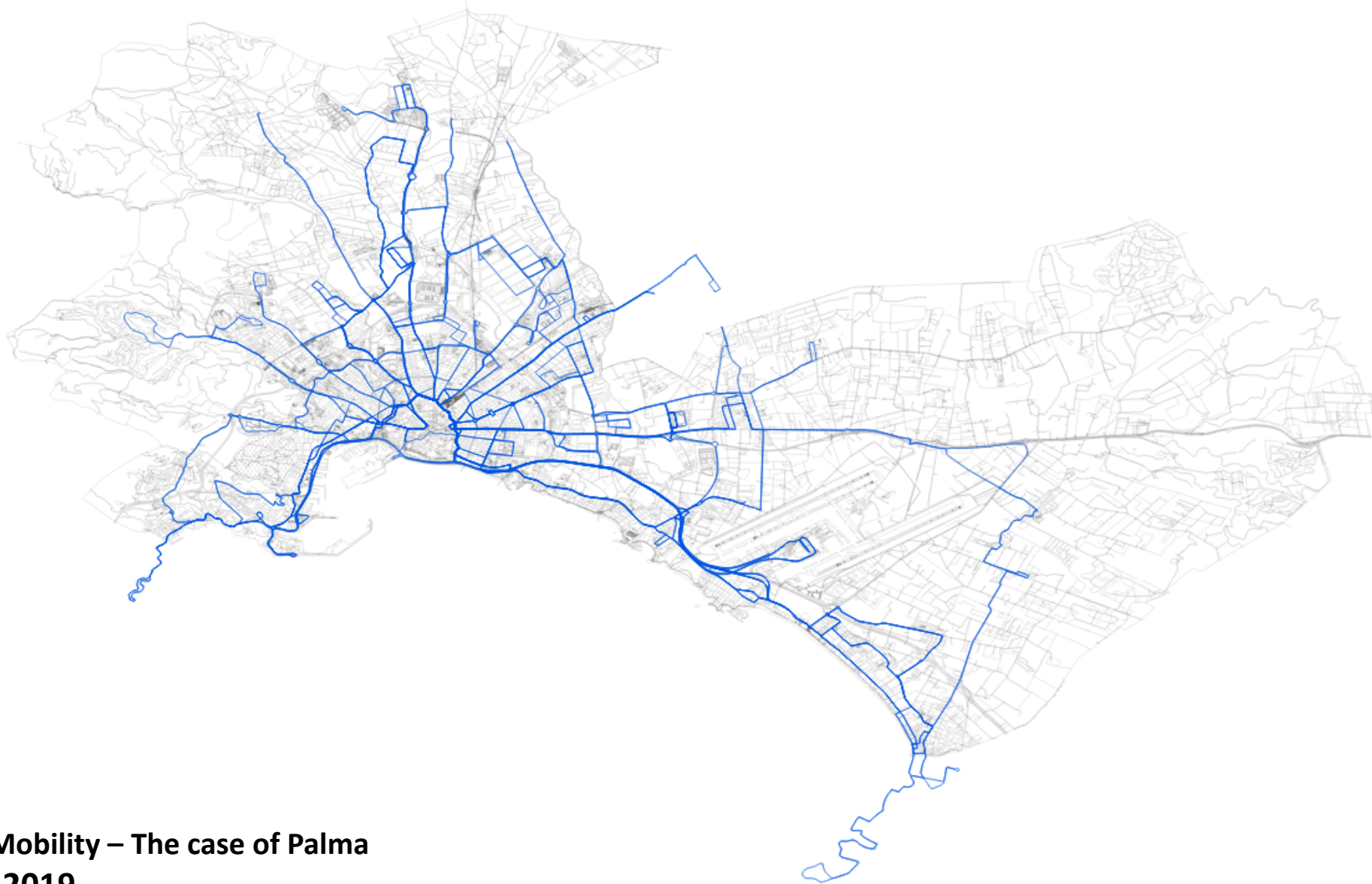


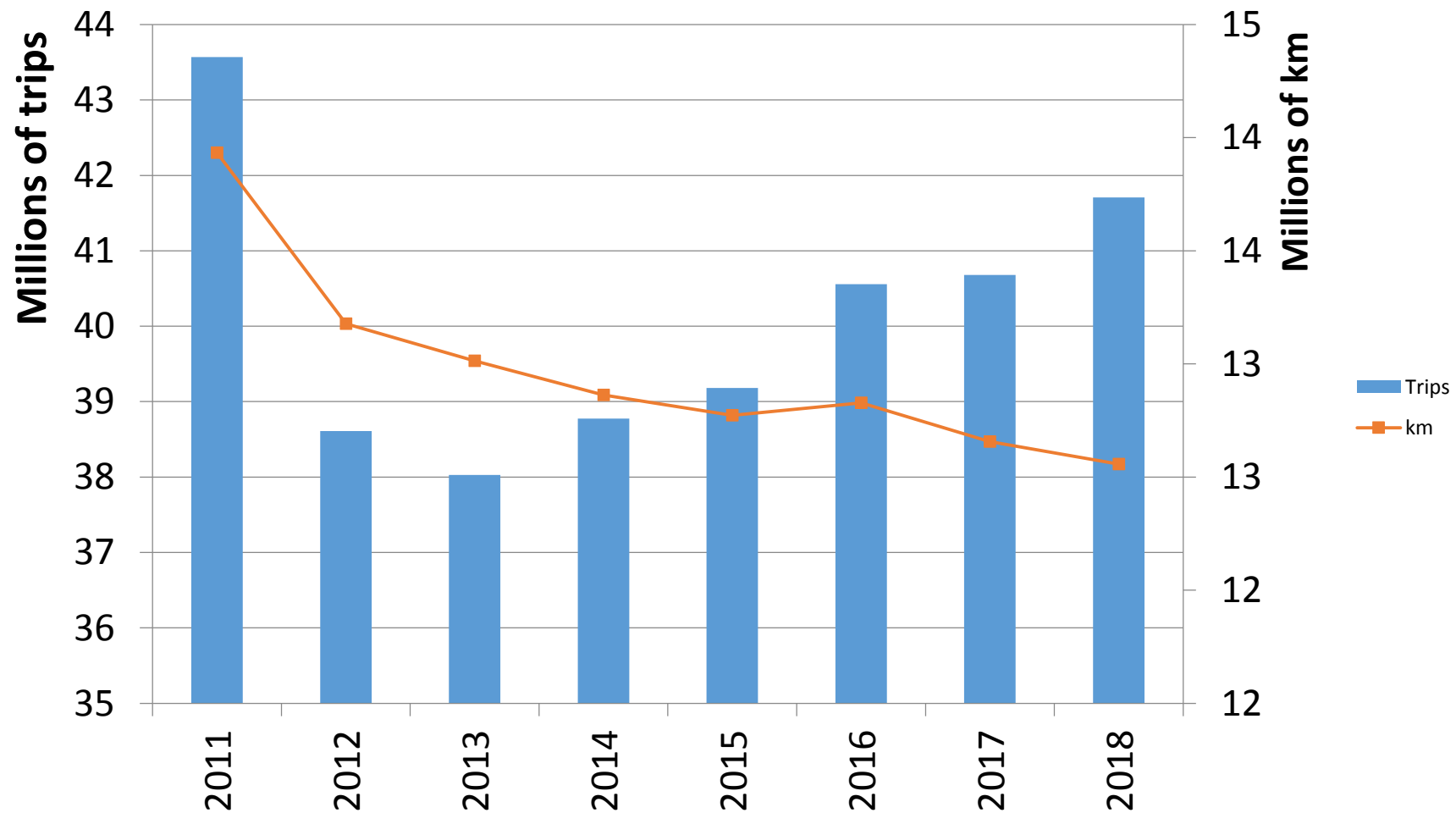
Financing Sustainable Mobility

The case of Palma

Manel Rivera

EMT (Municipality of Palma)

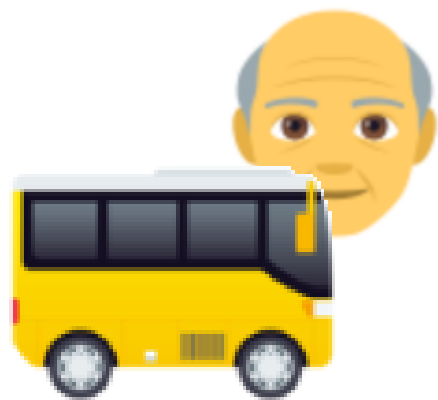






Model		Diesel	CNG
Mercedes Citaro	18 m	24	-
Iveco Citelis	18 m	17	2
Mercedes Citaro	12 m	89	-
Iveco Citelis	12 m	24	10
Iveco Urbanway	12 m	-	2
Mercedes Citaro	10 m	11	-
Iveco Daily	8 m	2	-

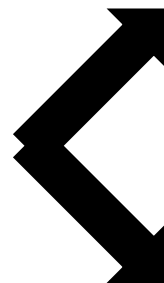
181 buses



53% are older than 16 years



100 new buses



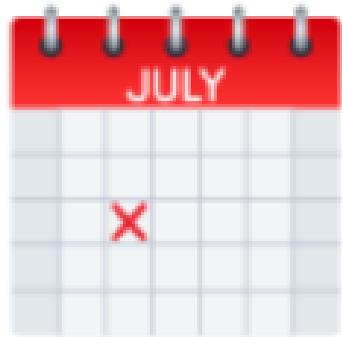
Greener (CNG)



Bigger (15m & 18m)



European Investment Bank



+100 new buses in 2019
+90 new buses by 2023



25% ENERGY SAVINGS compared to our 2001 MB Citaro.



-5,399 T of equivalent CO₂ per year and...

CO	HC	NOx	PM
-63%	-88%	-94%	-93%



Economically feasible:

- **We were already paying for them!**

Savings for replacing 12m Euro II buses to Euro VI = 124,846 €/bus

Savings for replacing 18m Euro II buses to Euro VI = 194,455 €/bus

- **Additionally, we are going for CNG.**

Extra savings of 43,628 €/12m bus

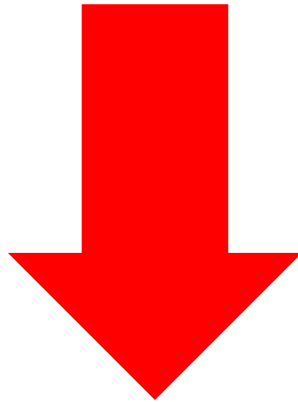
Extra savings of 42,727 €/18m bus

- **And...**

2,74M€/year according to emissions economic value.



In addition...





100 New buses are on their way...

To help reshaping mobility in Palma



Thank you for your attention

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