



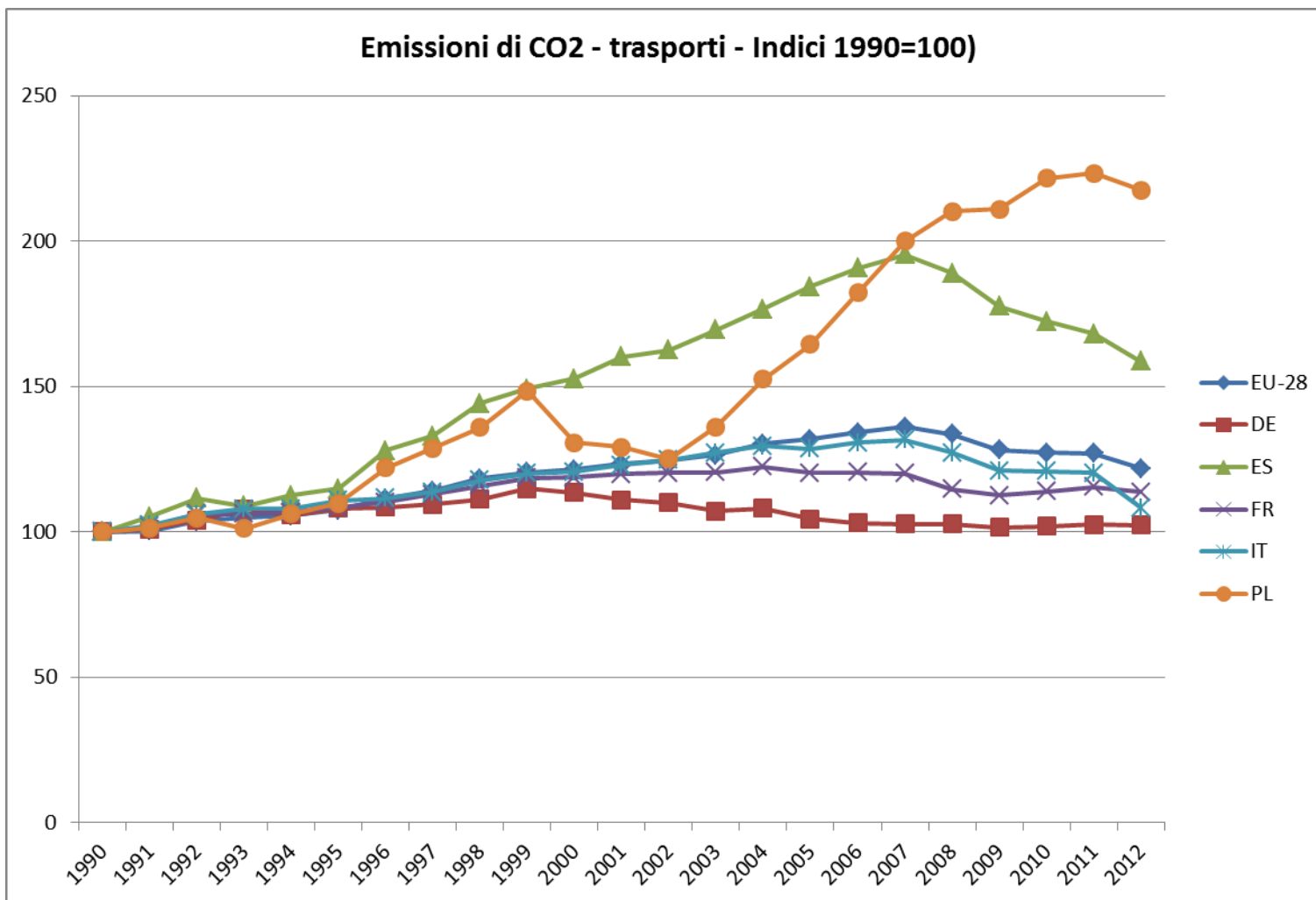
AMBIENTEITALIA

## Quali prospettive per la sostenibilità di mobilità e trasporti

Mario Zambrini, 18 febbraio 2016



# Emissioni di CO<sub>2</sub> e obiettivi di sostenibilità

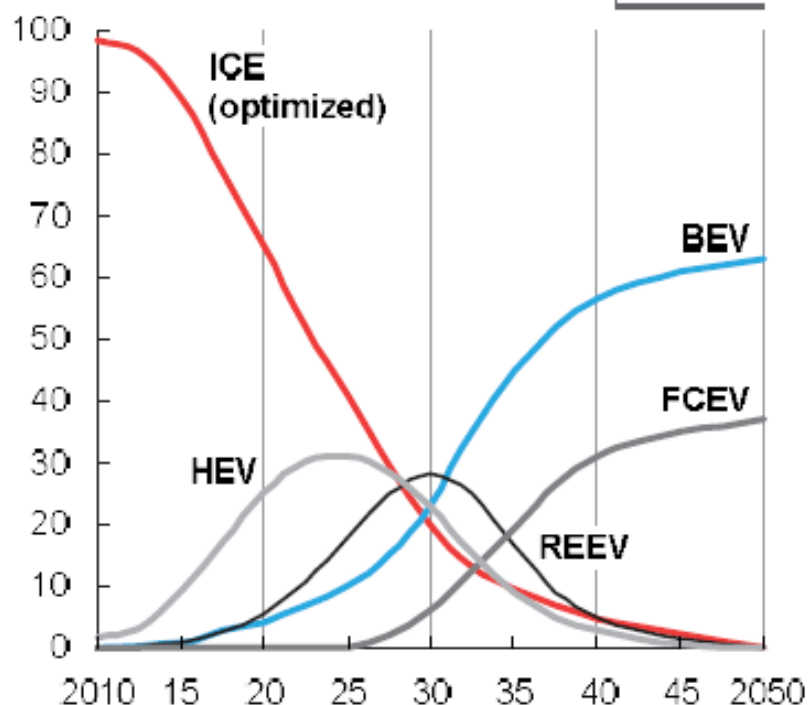




## Emissioni di CO<sub>2</sub> e obiettivi di sostenibilità

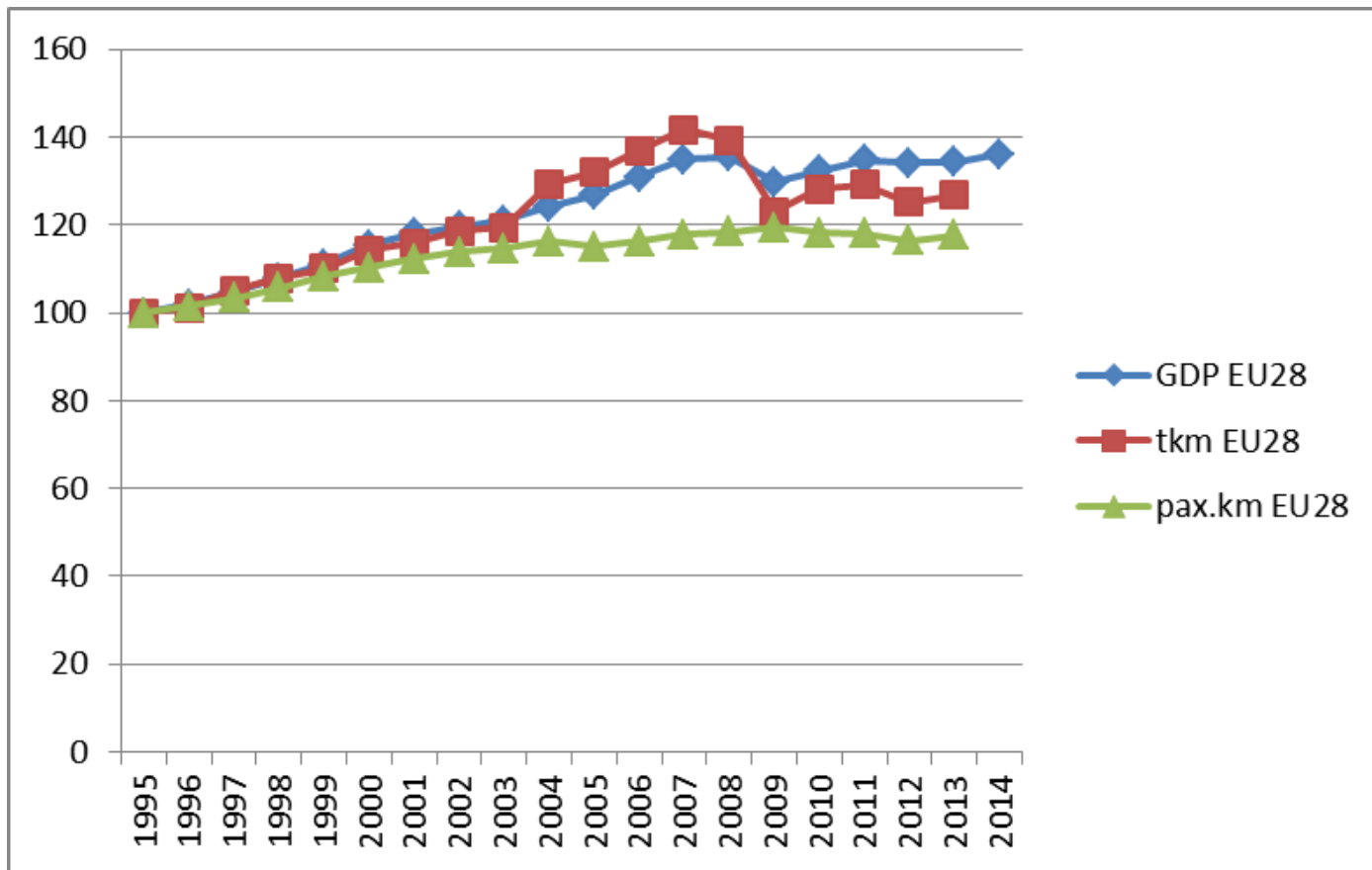
Secondo il rapporto McKinsey BOOST Report (2011) lo scenario "automotive" coerente con l'obiettivo dei 2°C di incremento massimo della temperatura media mondiale richiederebbe che al 2030 solamente il 14% del parco veicolare circolante avesse motorizzazione "tradizionale" (motore a combustione interna), il resto essendo distribuito fra veicoli ibridi elettrici (25%), veicoli elettrici equipaggiati con motore per la sola ricarica delle batterie (30%), Veicoli solo elettrici (con batterie) (21%) e veicoli a celle a combustibile (11%); entro il 2050 i veicoli con motore a combustione interna non dovrebbero essere più prodotti.

**Global market shares by powertrain technology**  
Percent of units produced



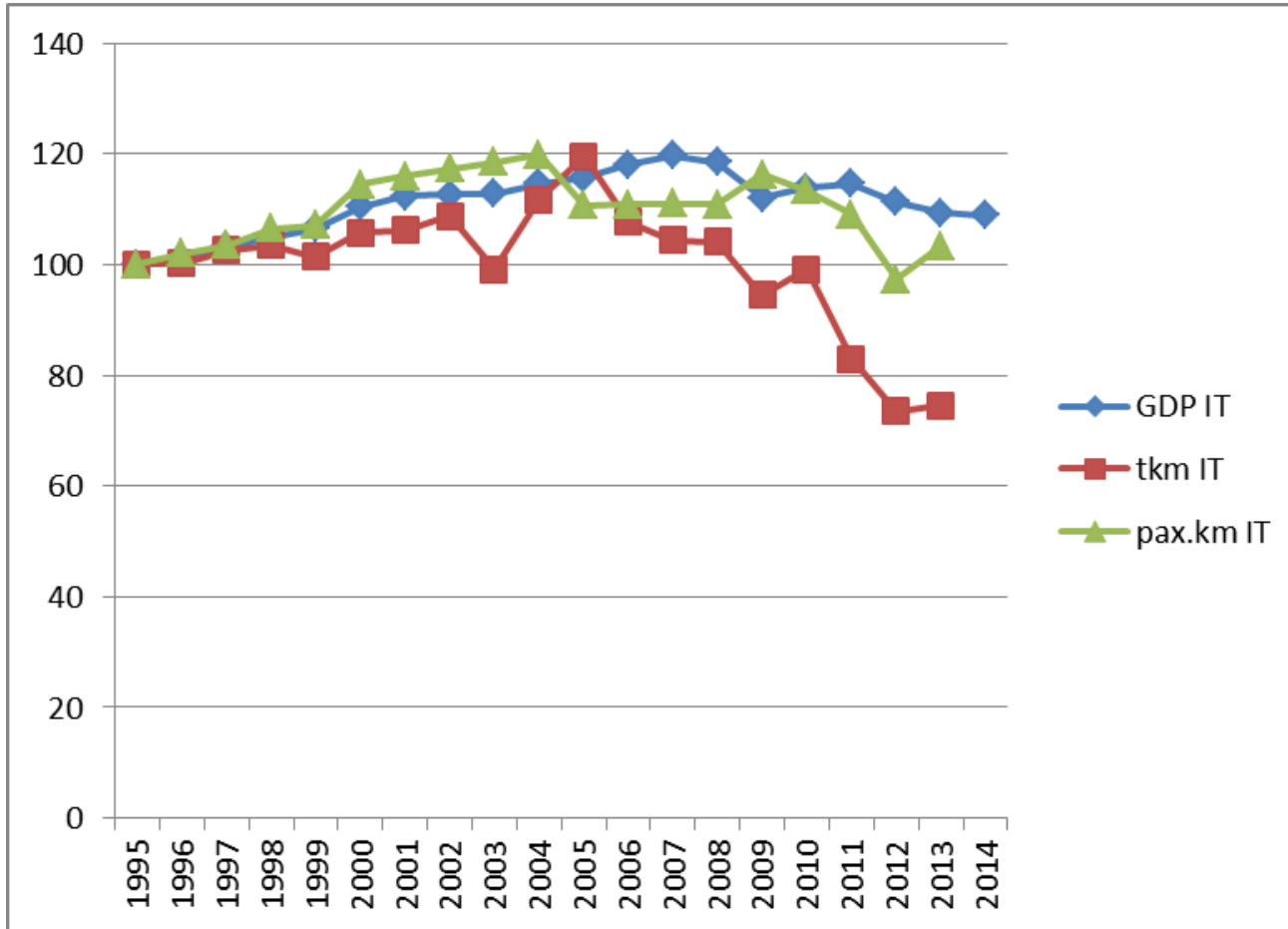


## Domanda di mobilità e crescita economica



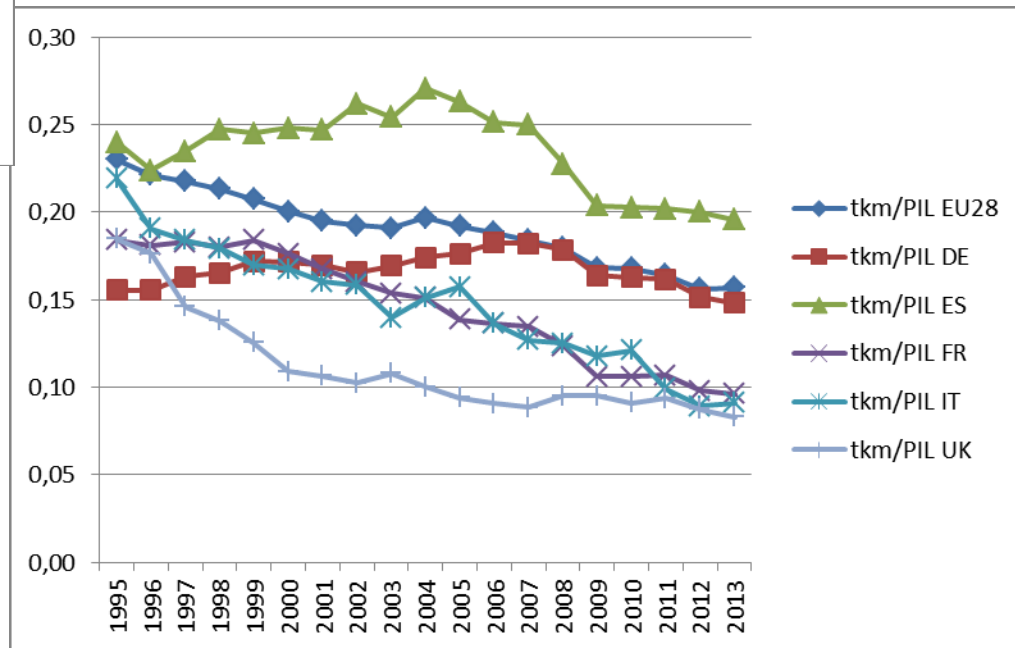
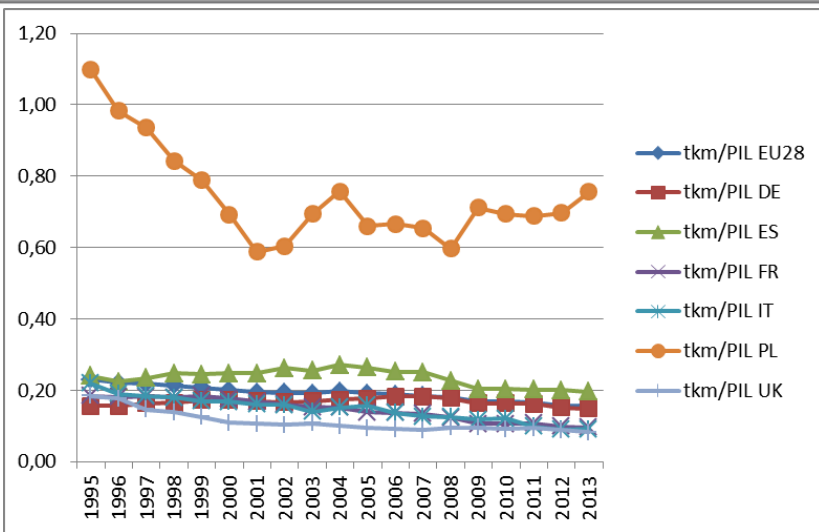


## Domanda di mobilità e crescita economica



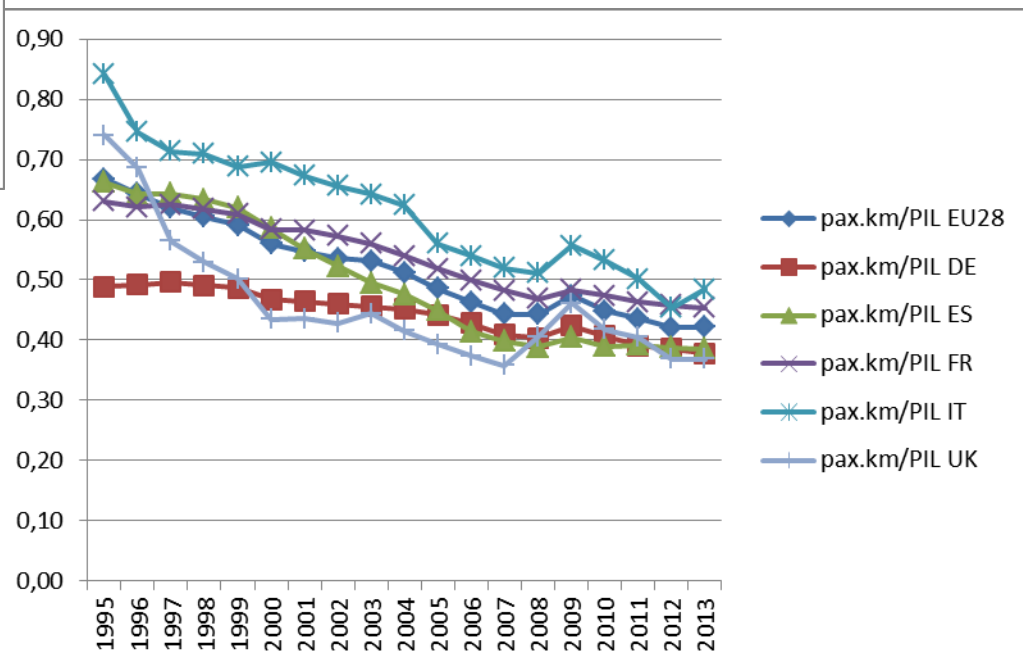
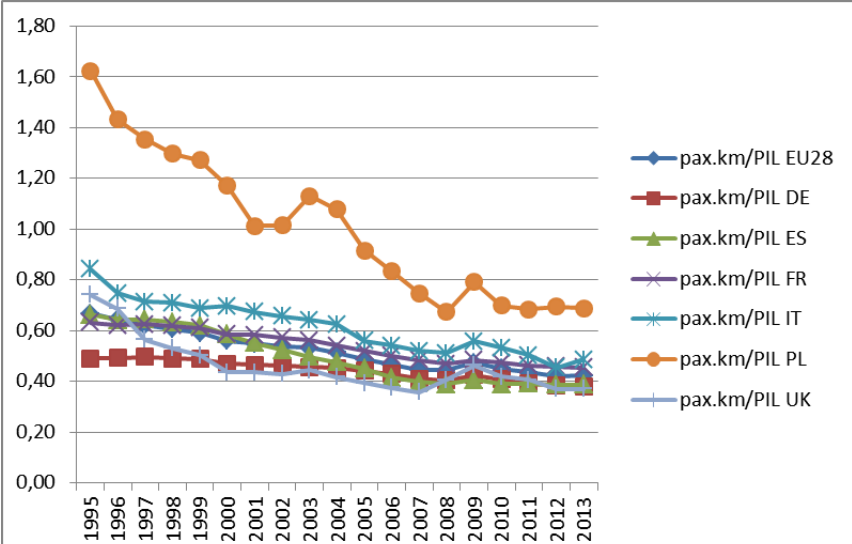


# Mobilità merci / prodotto interno lordo



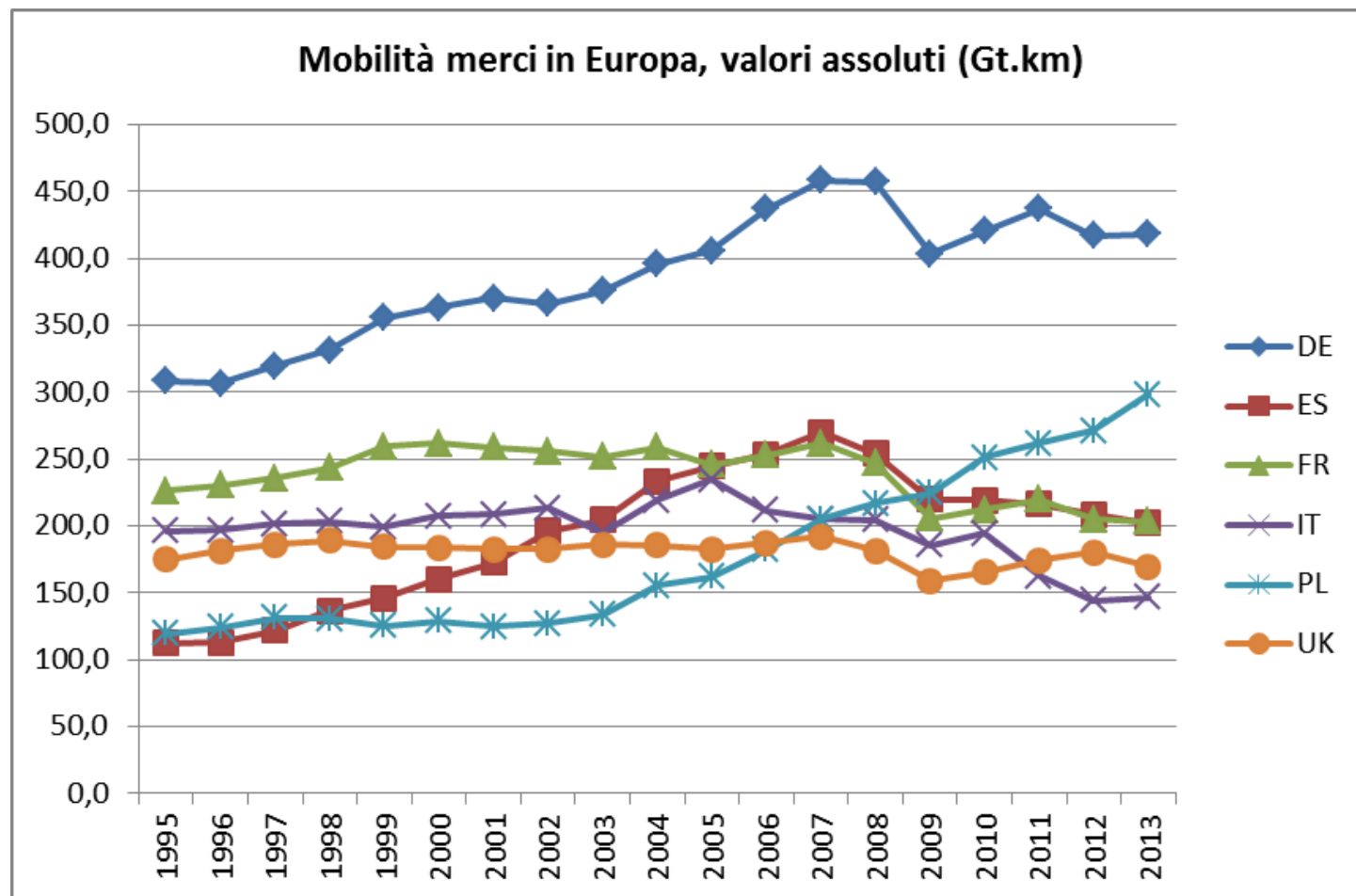


# Mobilità passeggeri / prodotto interno lordo





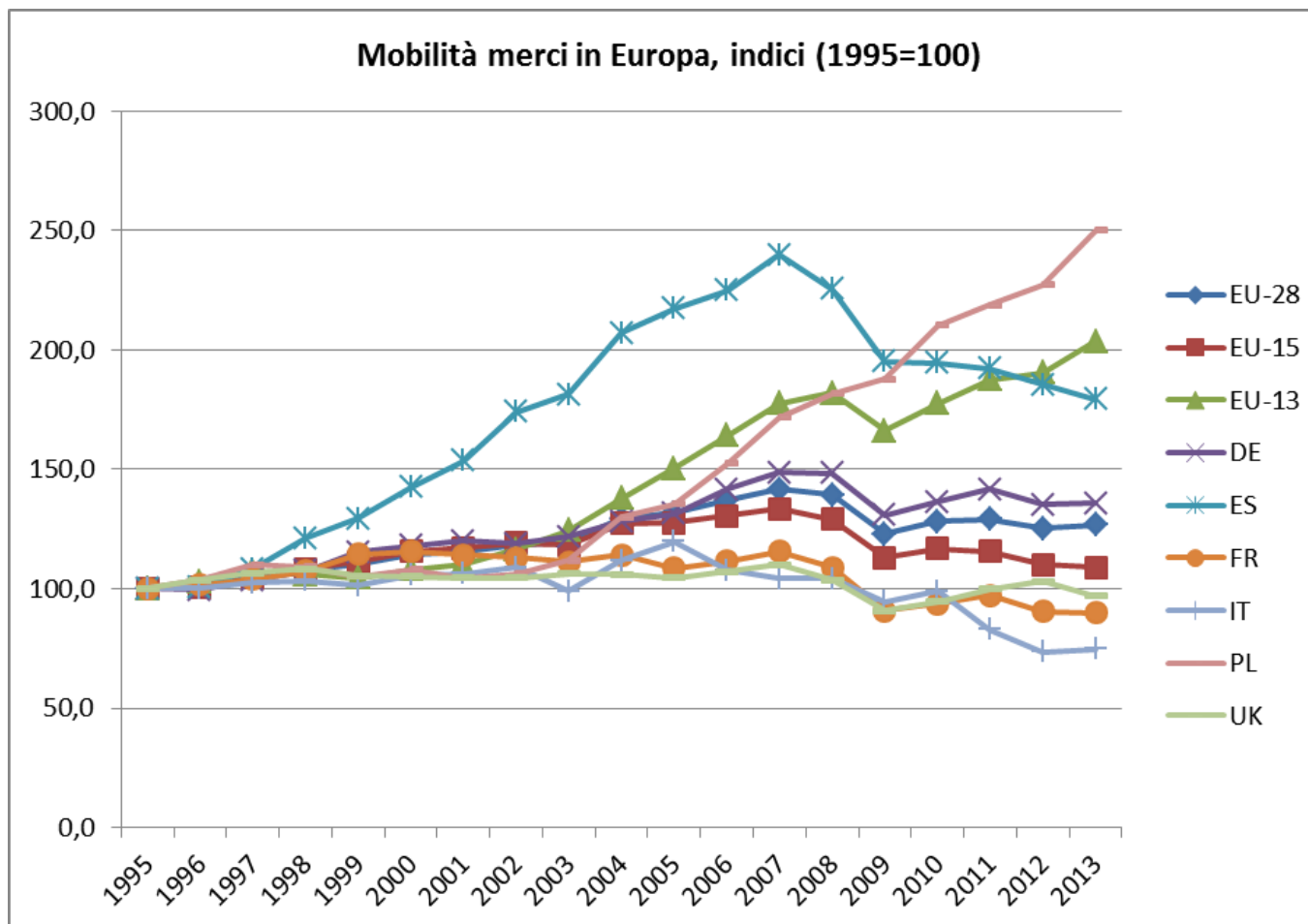
## La mobilità merci in Europa





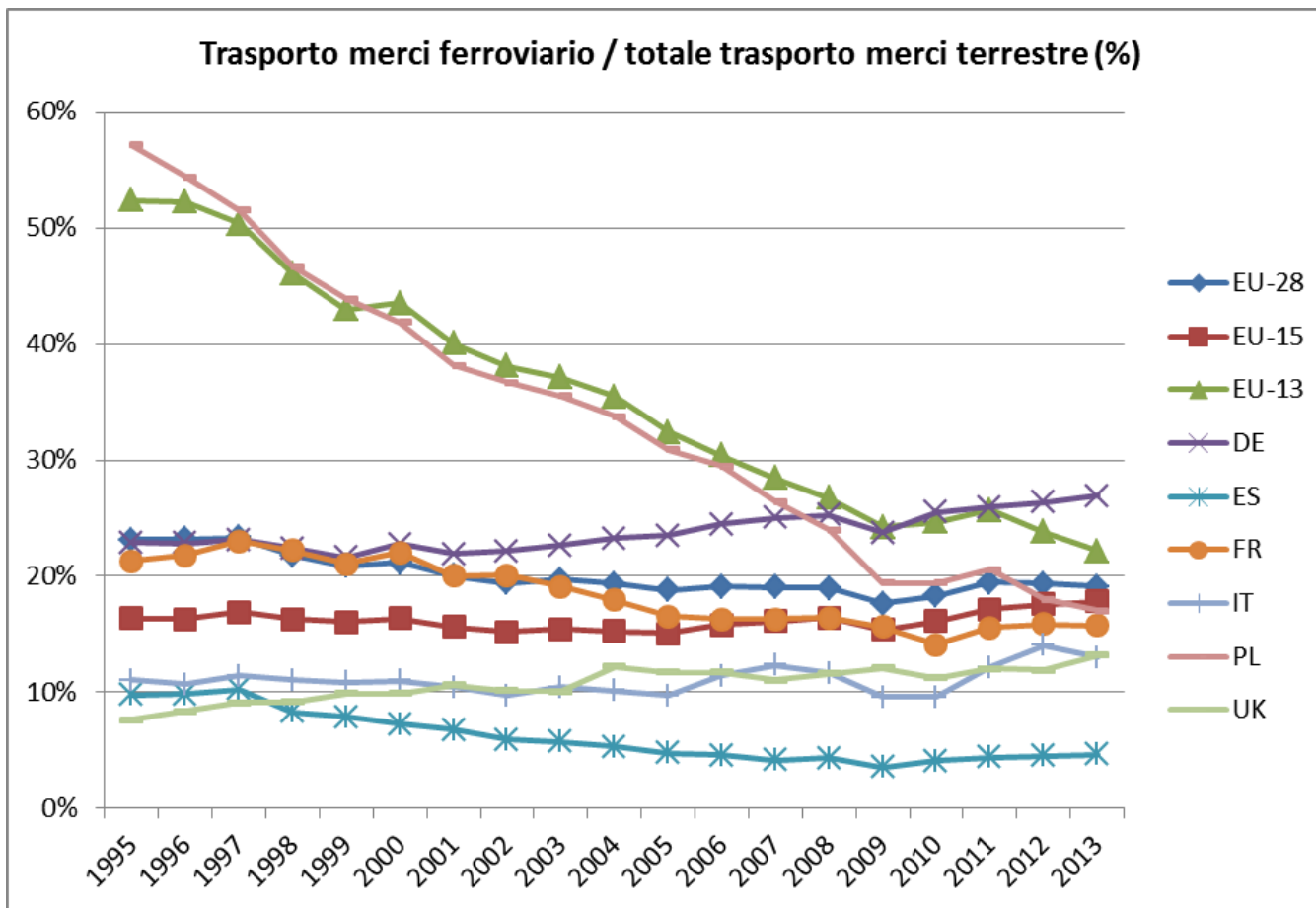


# La mobilità merci in Europa



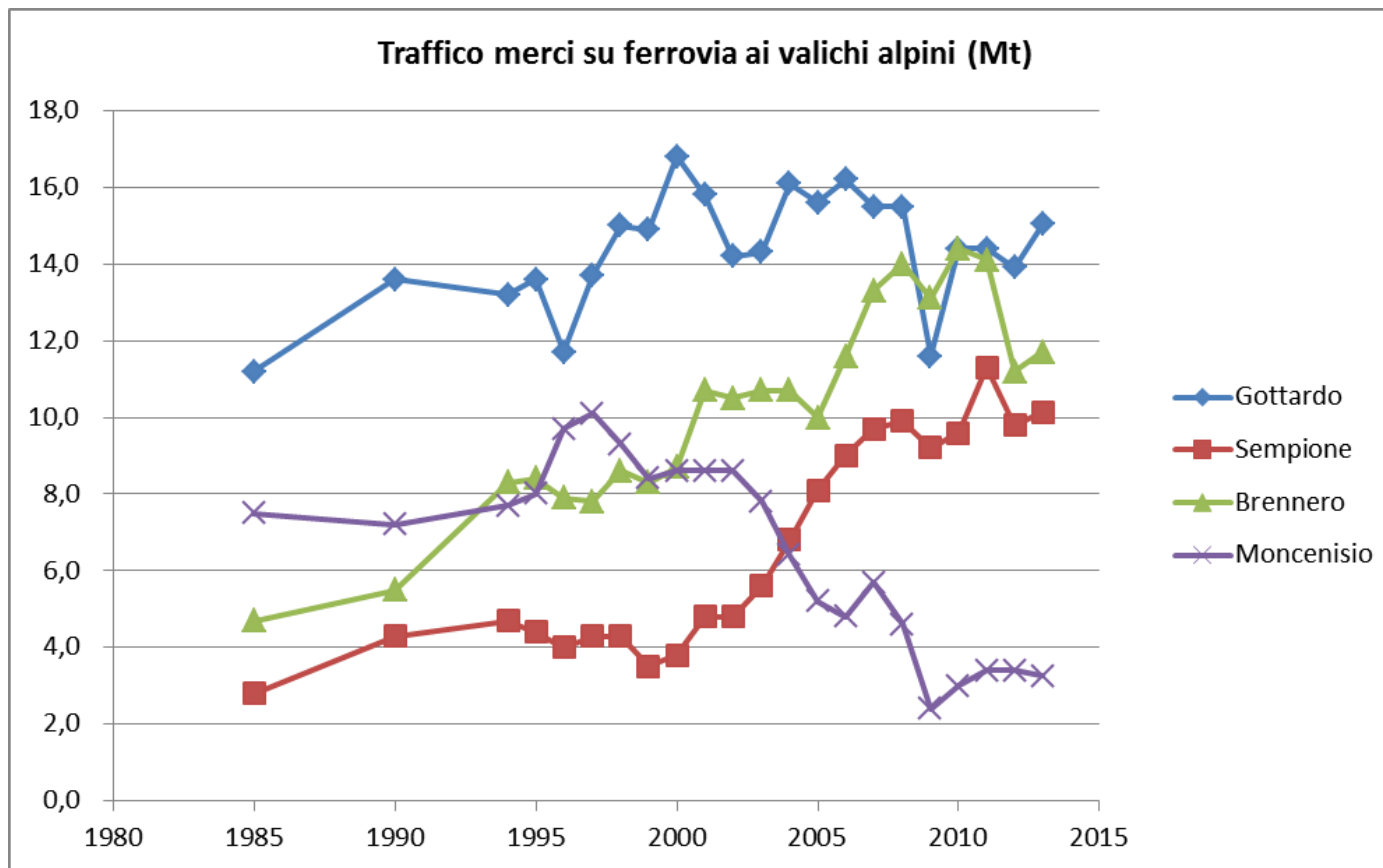


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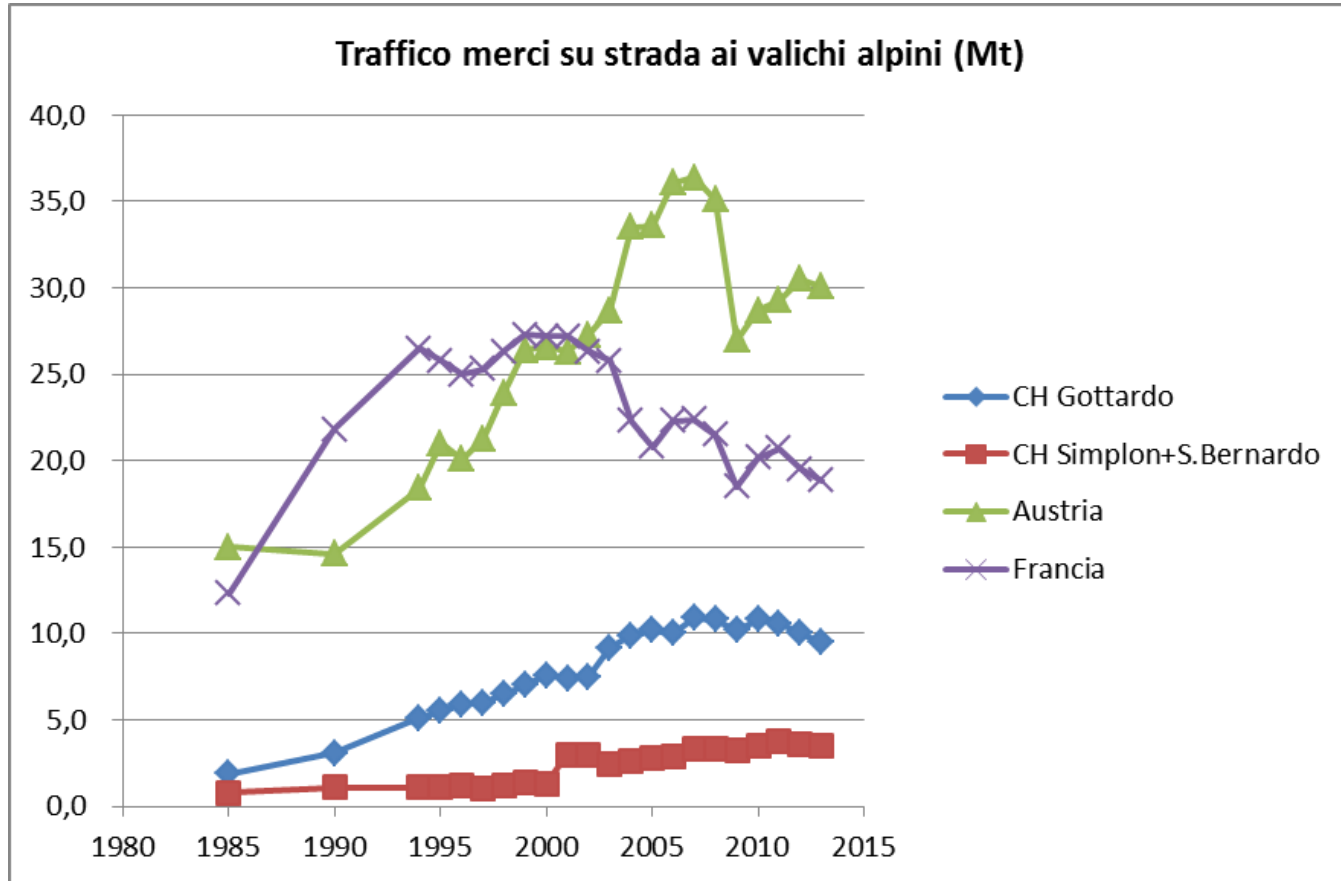


## Trasporto merci ai valichi alpini



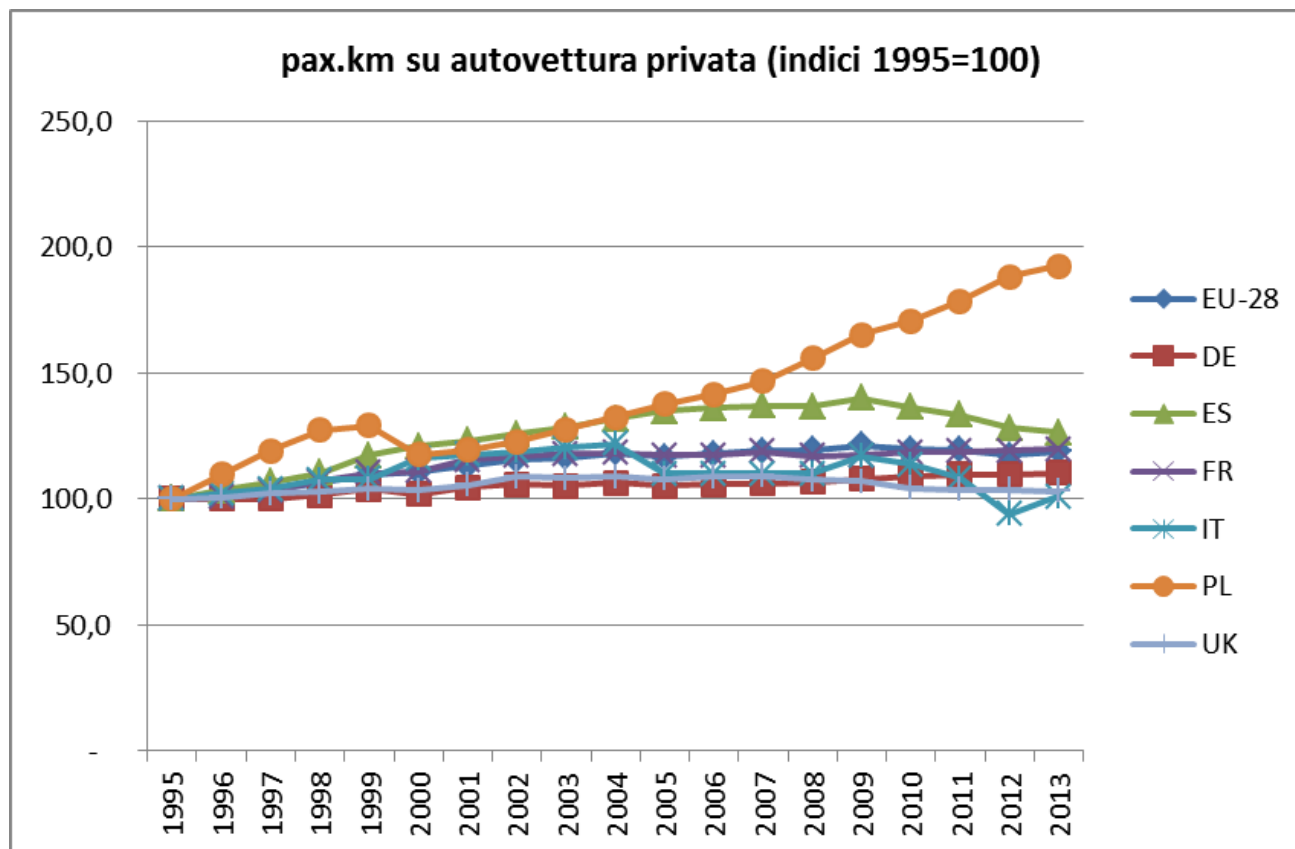


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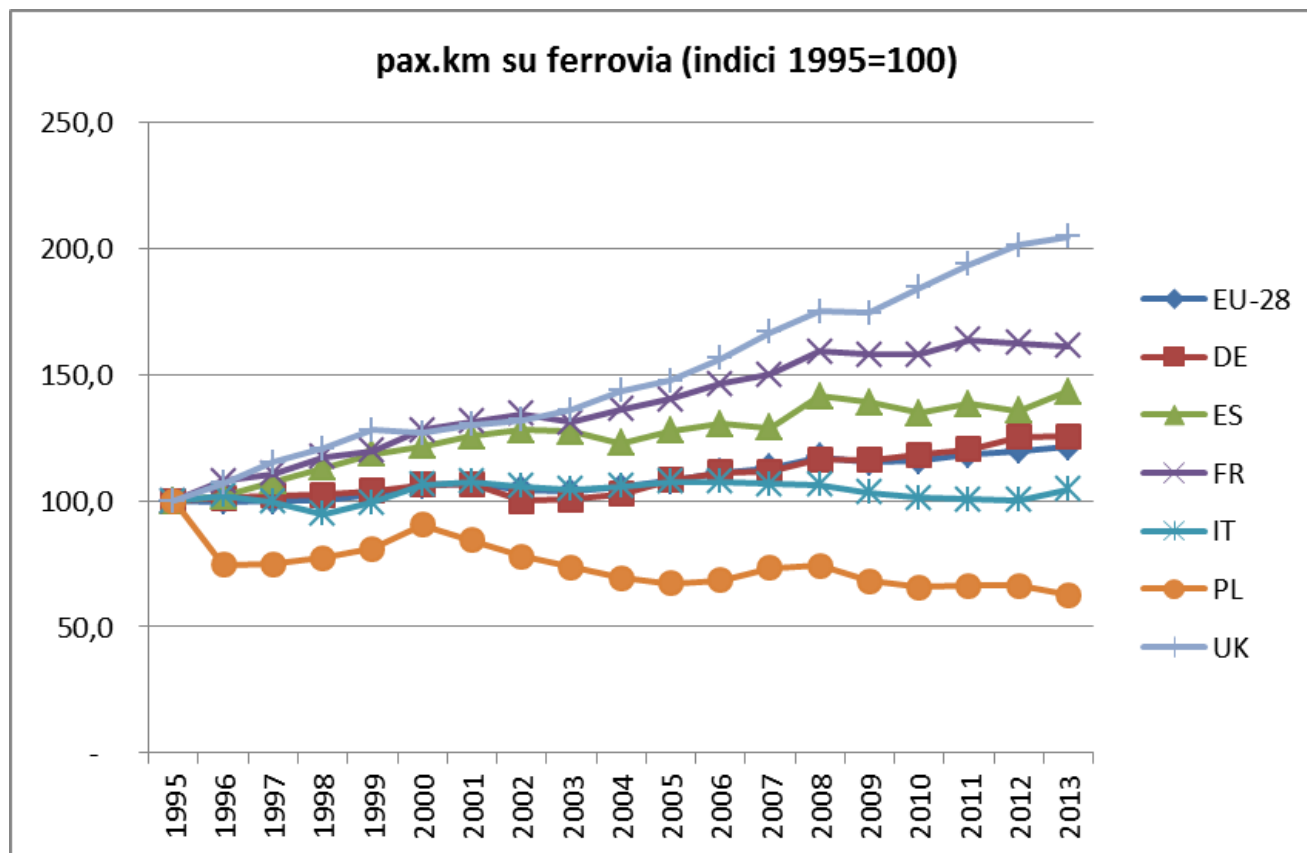


## La mobilità passeggeri in Europa



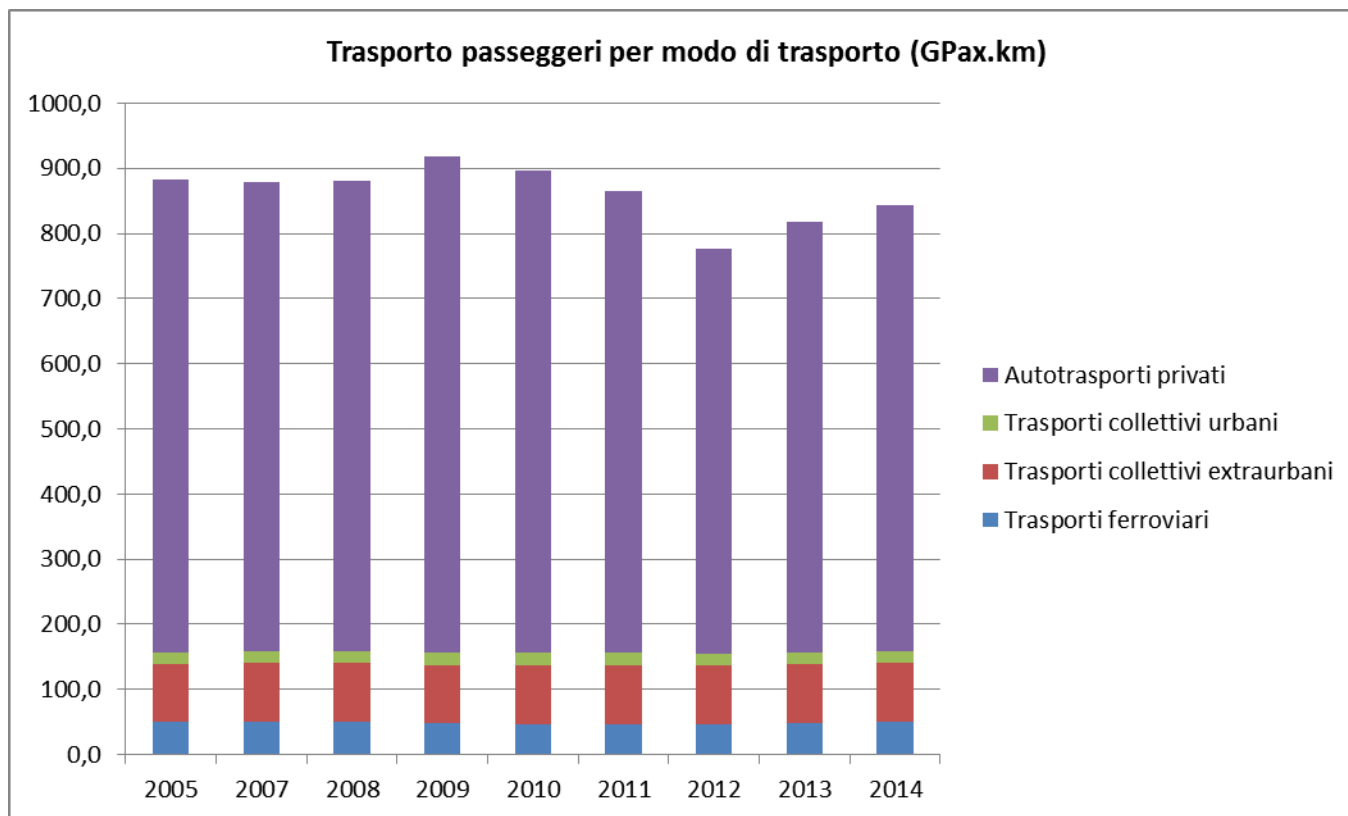


## La mobilità passeggeri in Europa



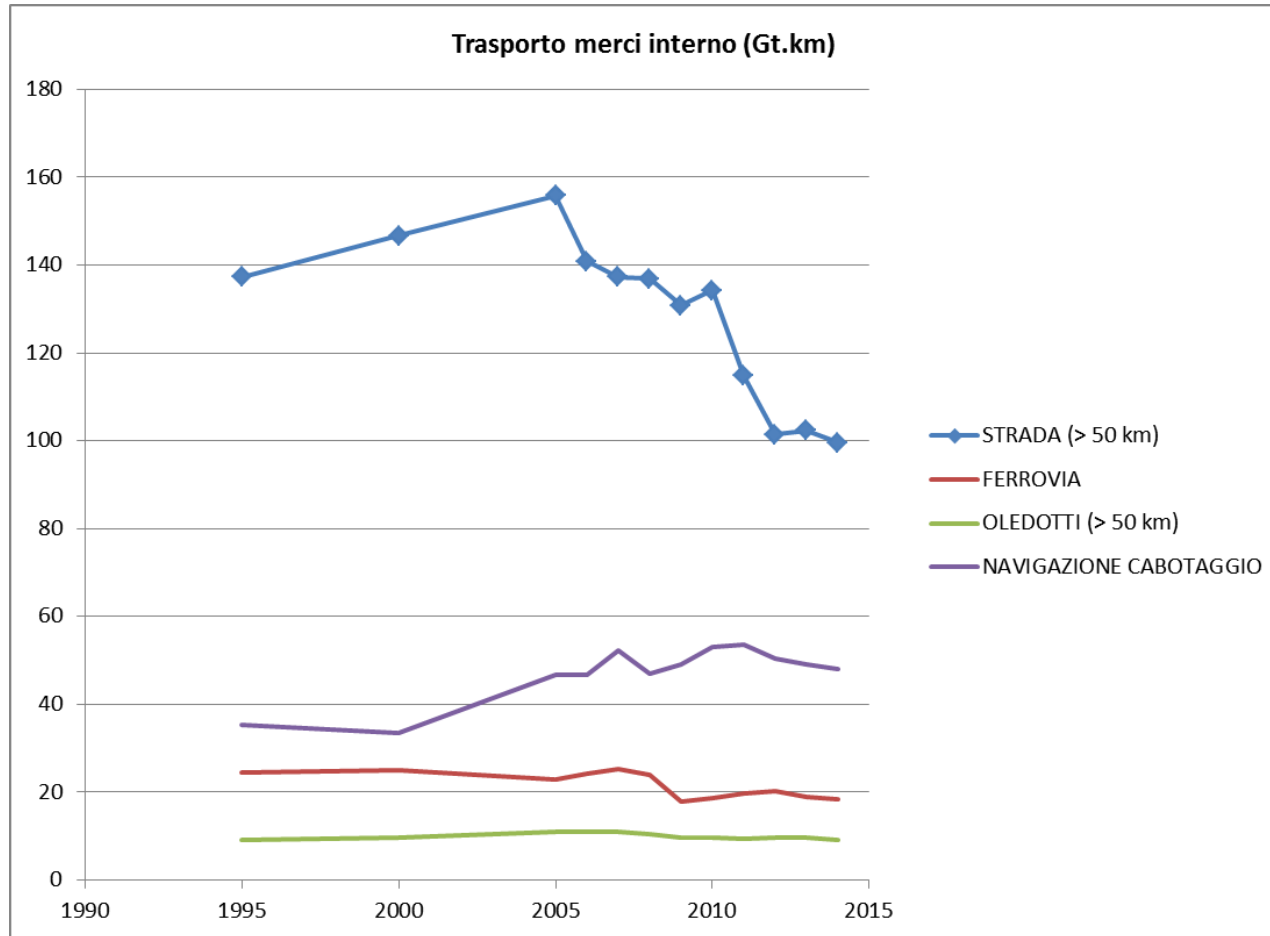


## Le tendenze in Italia





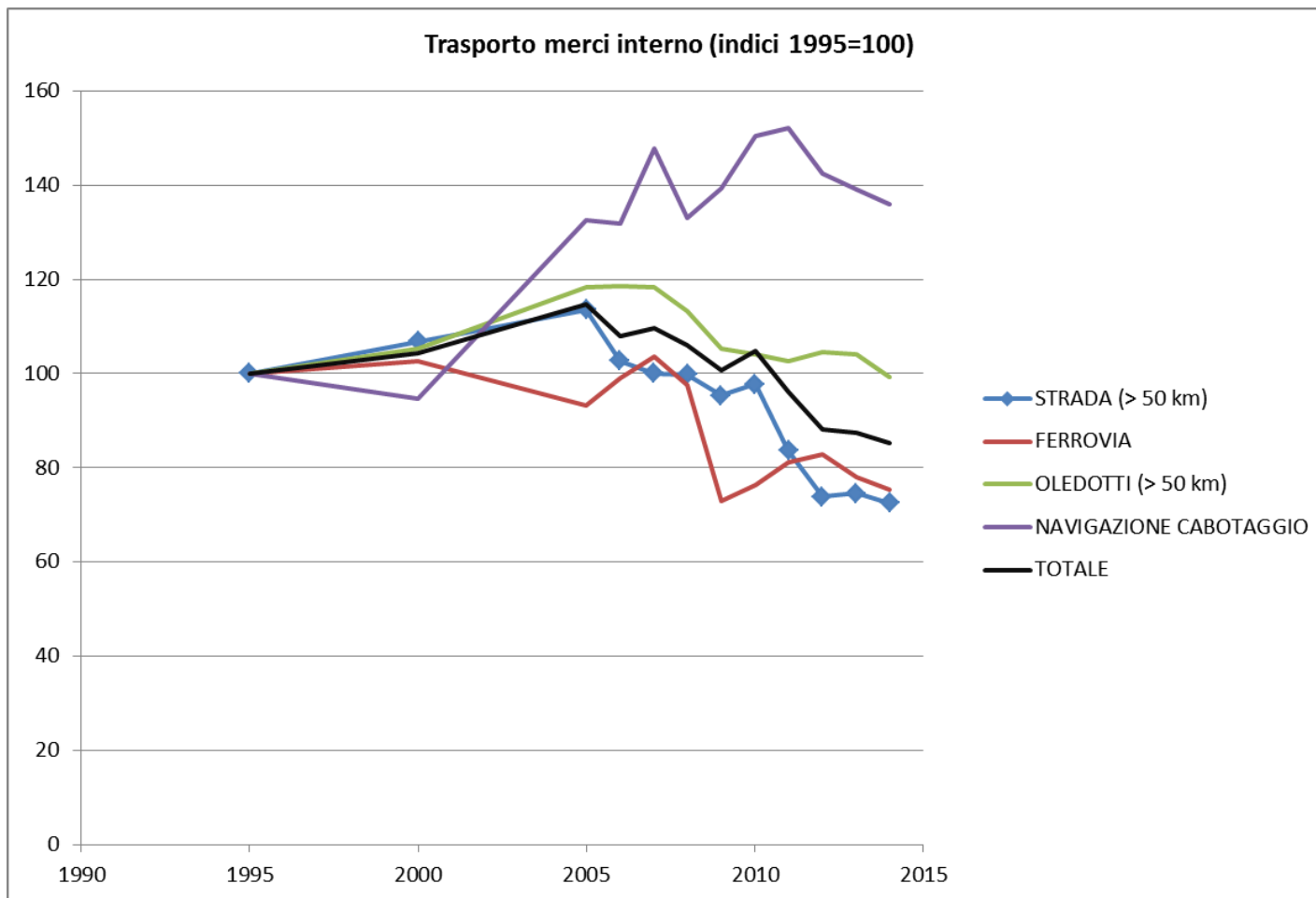
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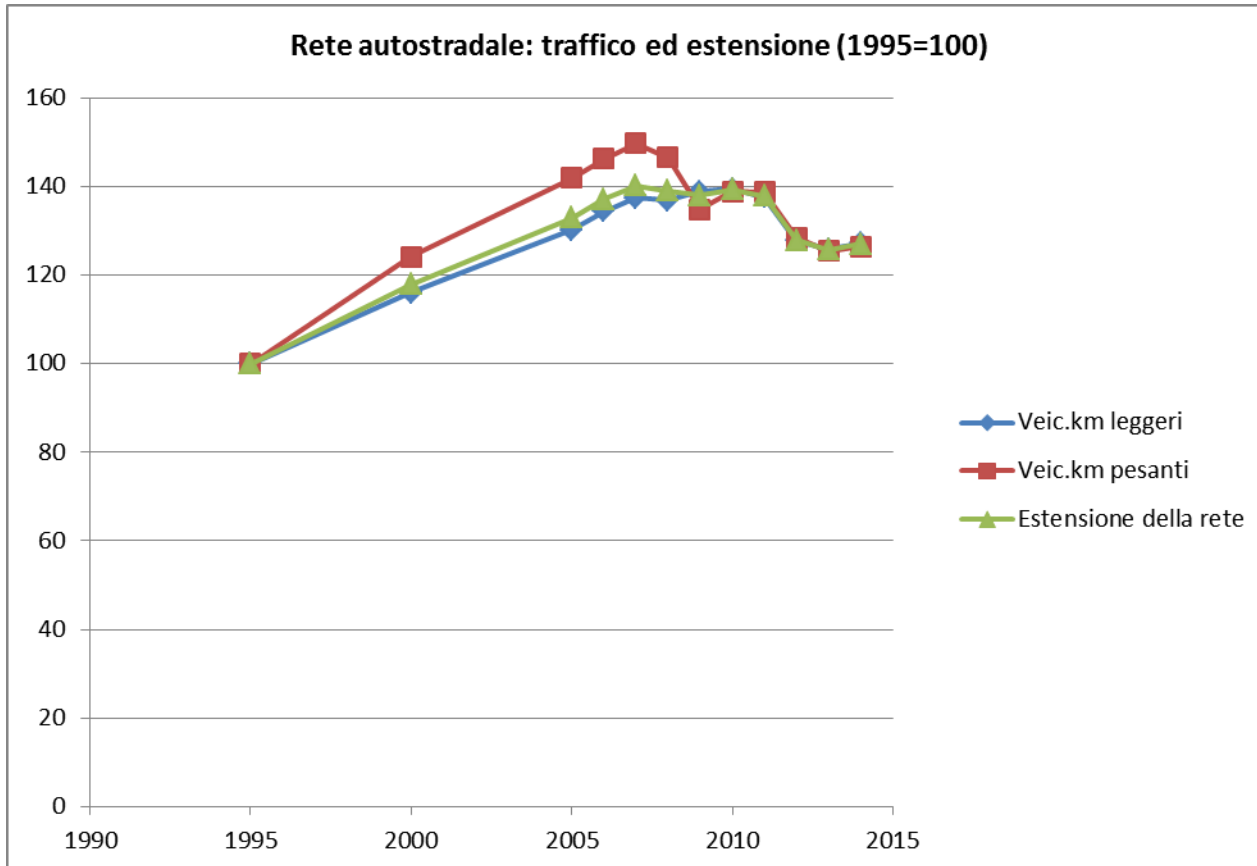


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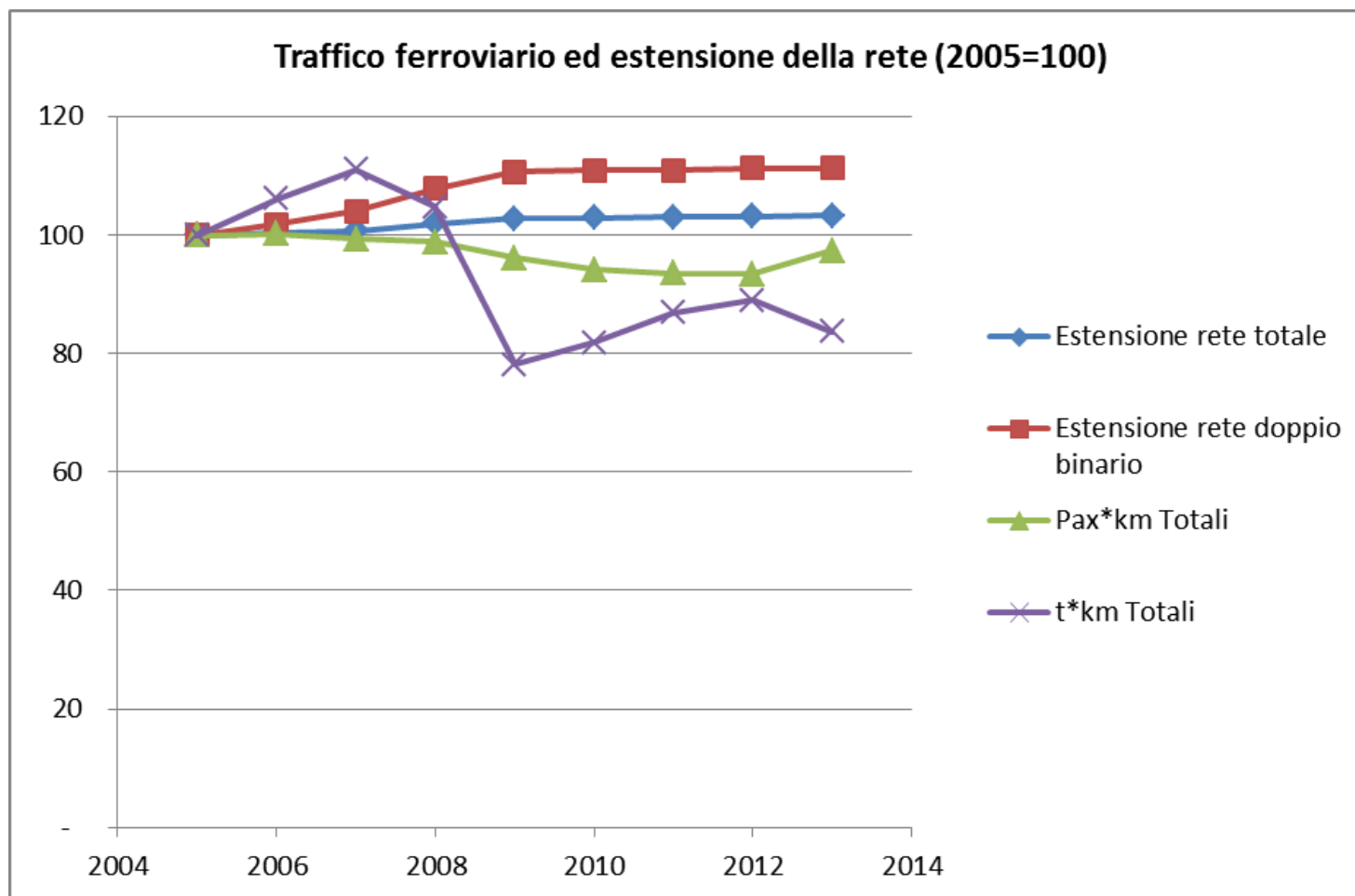


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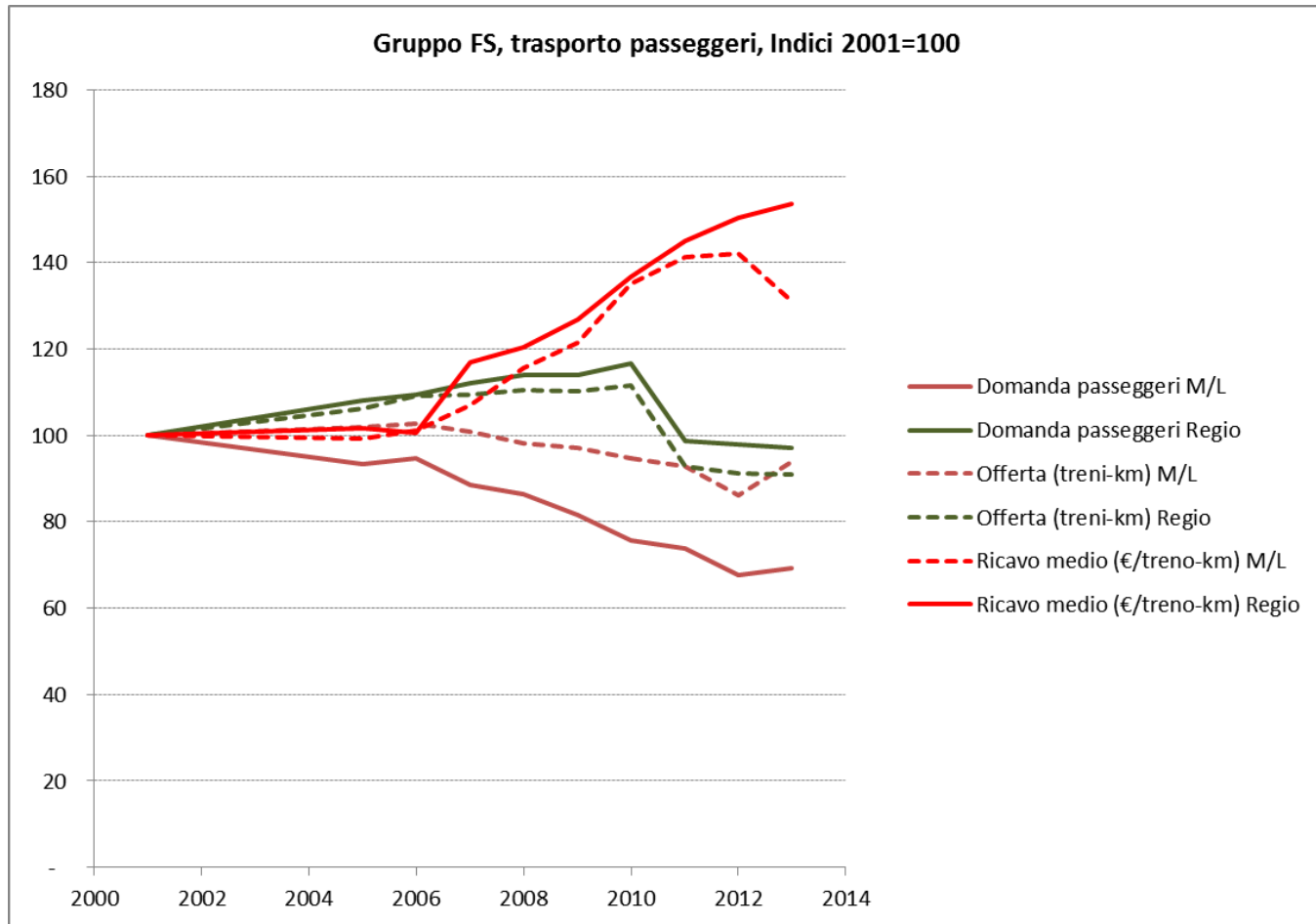


# Le tendenze in Italia

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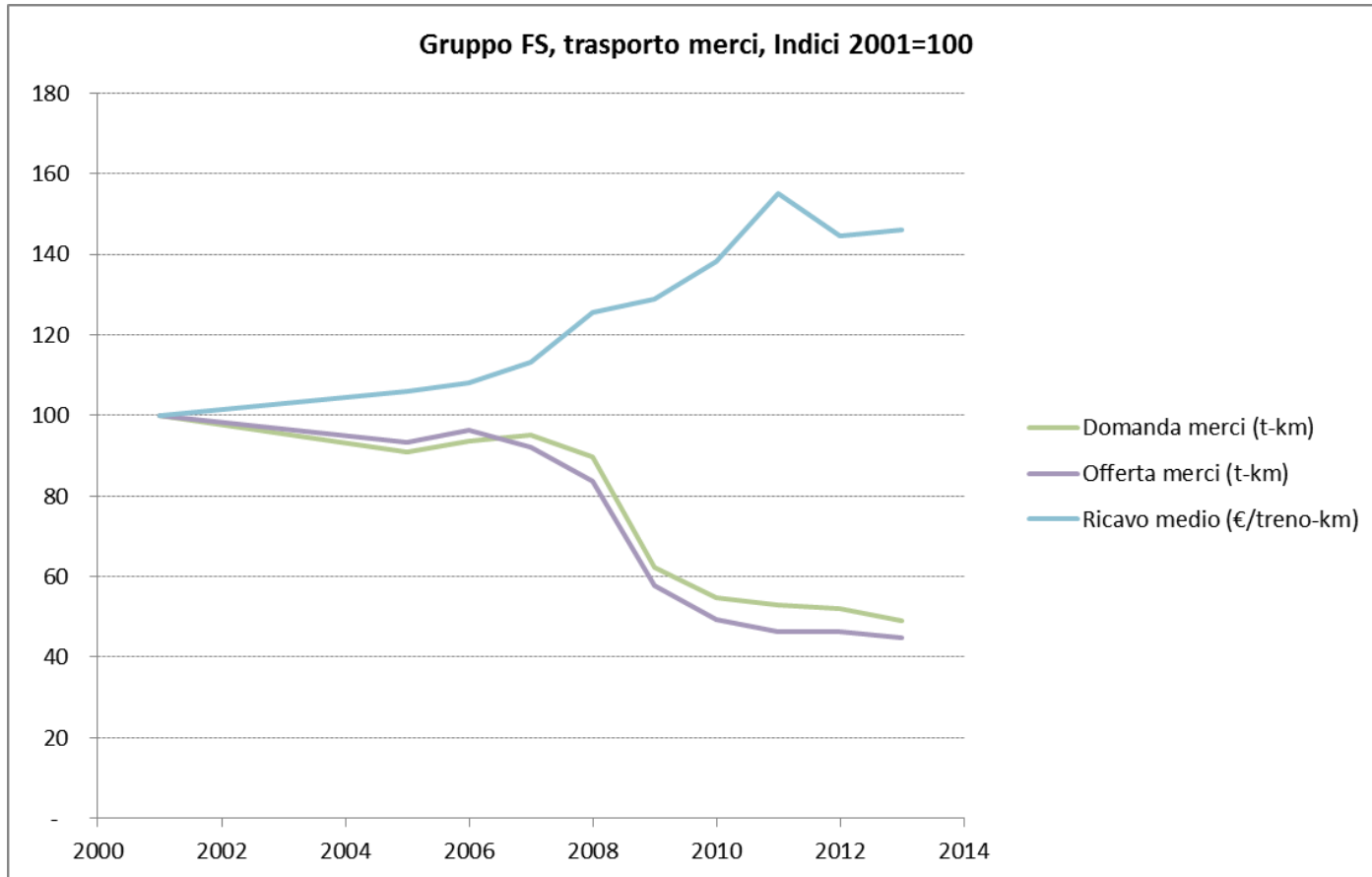


# Le tendenze in Italia





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Grazie per l'attenzione!

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