



Emergència climàtica en relació al model urbà  
(metabolisme i mobilitat)

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# Ciutat i Mobilitat

- Per què cal canviar el model de mobilitat?
- Com és que no ho aconseguim?
- Què hi pot fer Barcelona

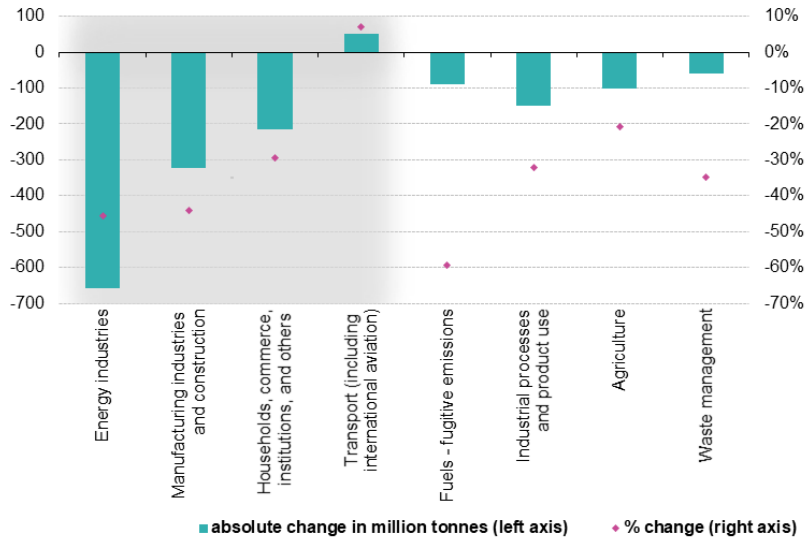
Ambientals

Energia

Emissions

### Greenhouse gas emissions by source sector, EU, change from 1990 to 2020

(million tonnes of CO<sub>2</sub> equivalent and % change)



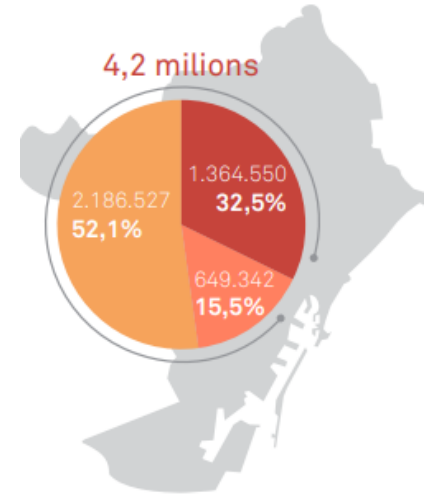
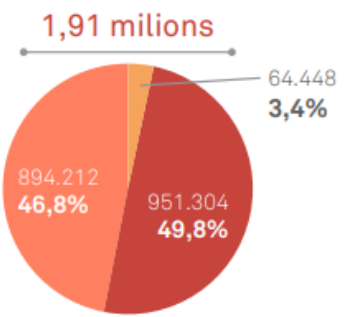
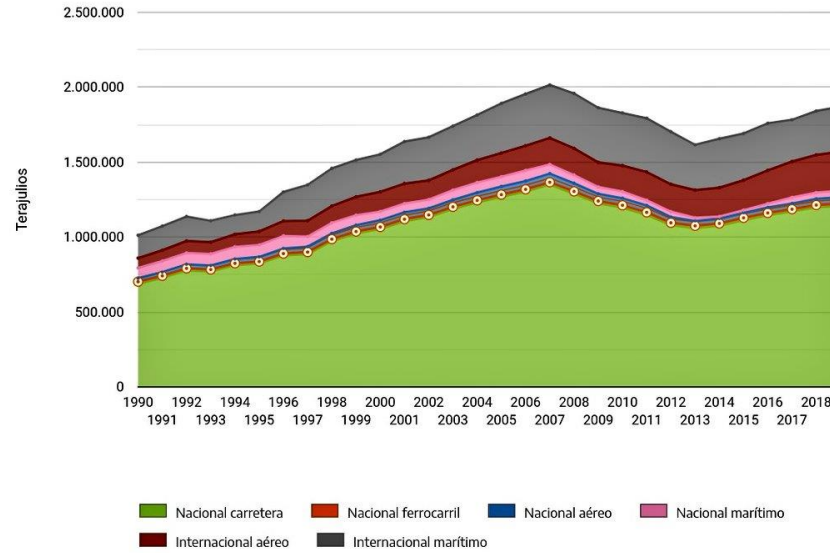
Note: fuel combustion as a source of GHG emissions is indicated by the grey background shading  
Source: EEA, republished by Eurostat (online data code: env\_air\_gge)

Socials

Exclusió

Accidents

### Evolución del consumo energético en el transporte por modo de transporte y tipo de tráfico



- Modes no motoritzats
- Transport públic
- Transport privat

Salut

Qualitat aire

Soroll

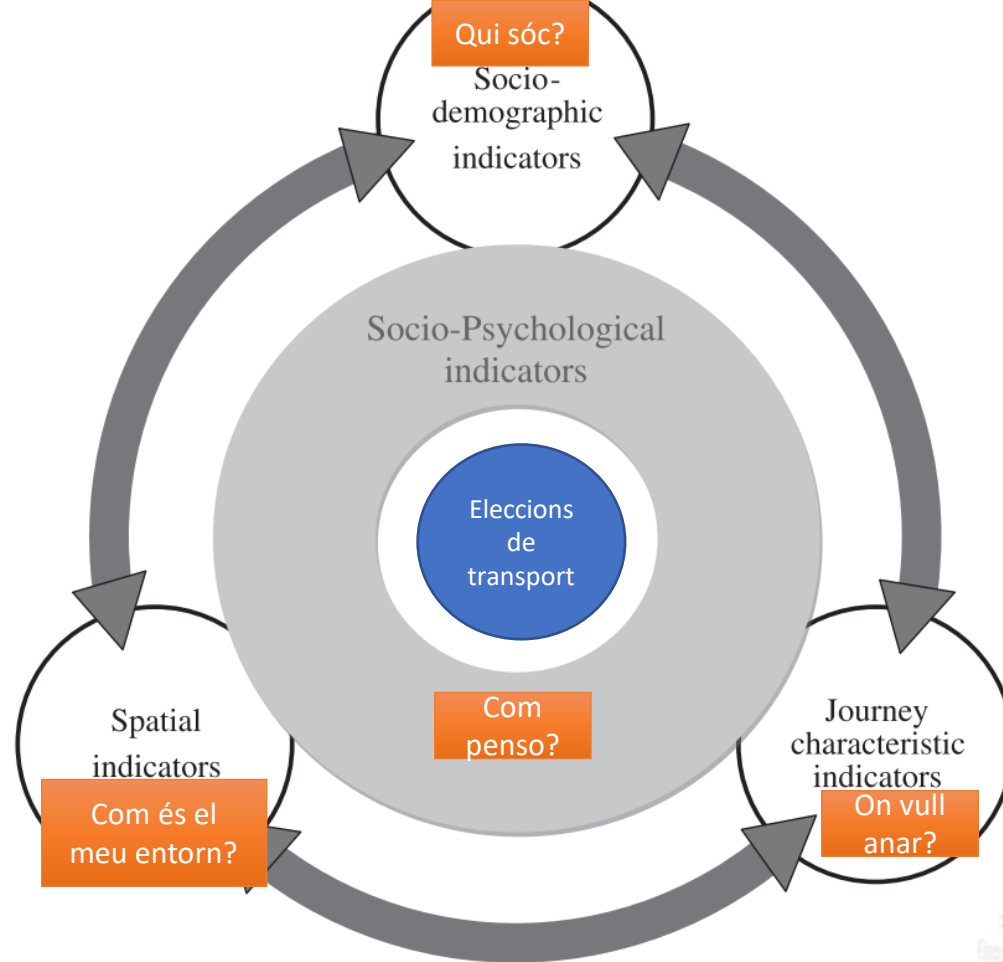
Activitat física

Illa de calor

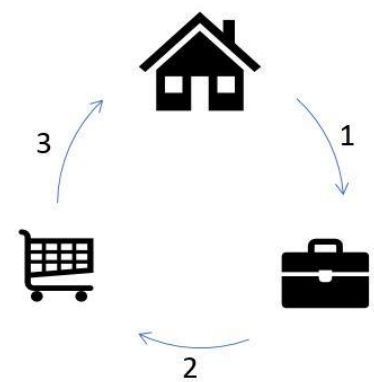
Espai públic

# Motius de canvi

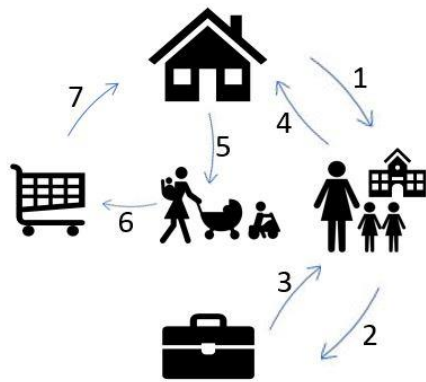




Buy It . . . or watch it go by  
**King of the Road!**



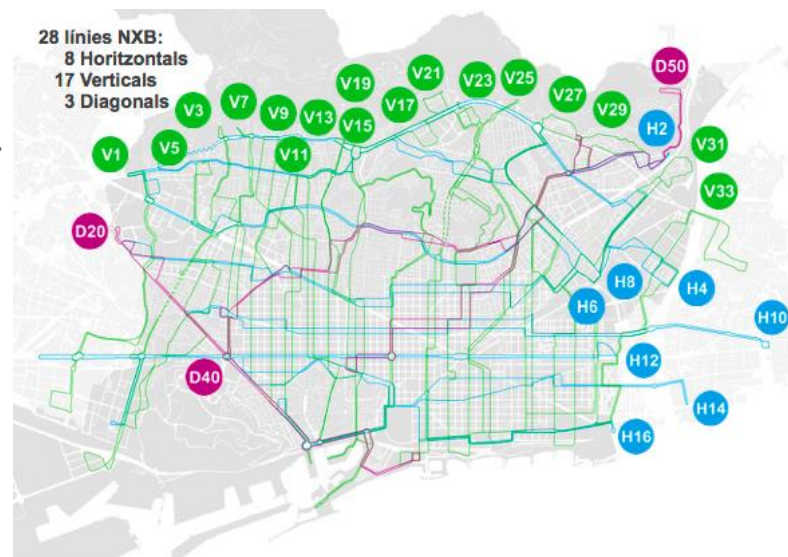
Male Mobility Patterns

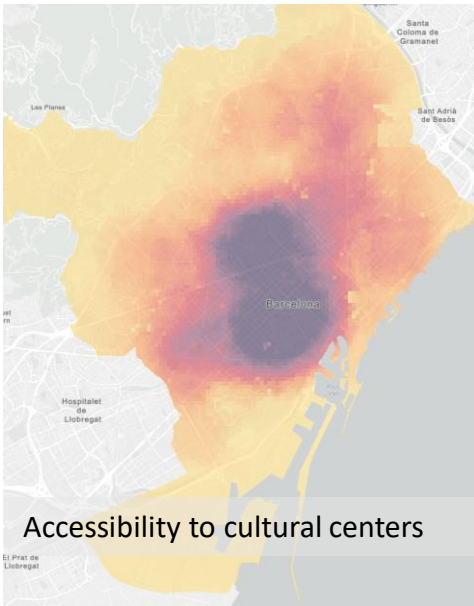
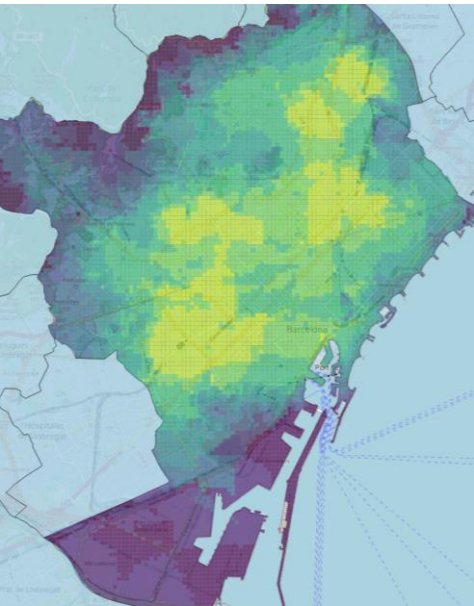


Female Mobility Patterns

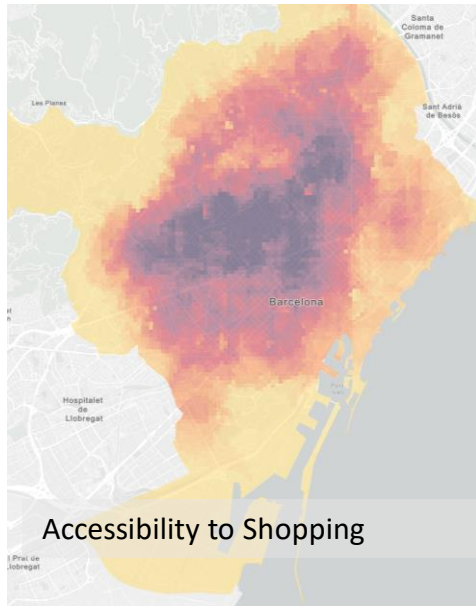
Framework for structuring modal choice determinants.

# Determinants de la mobilitat

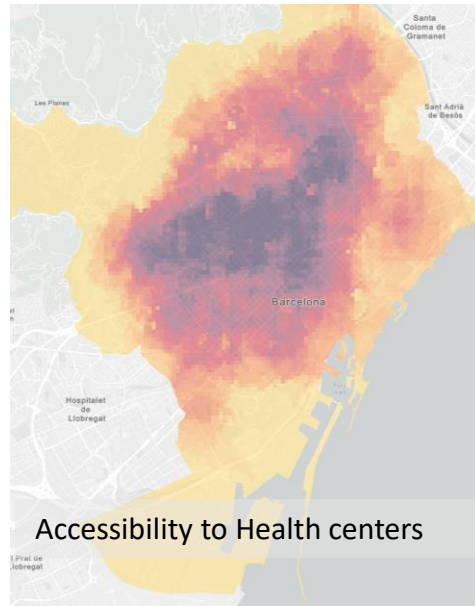




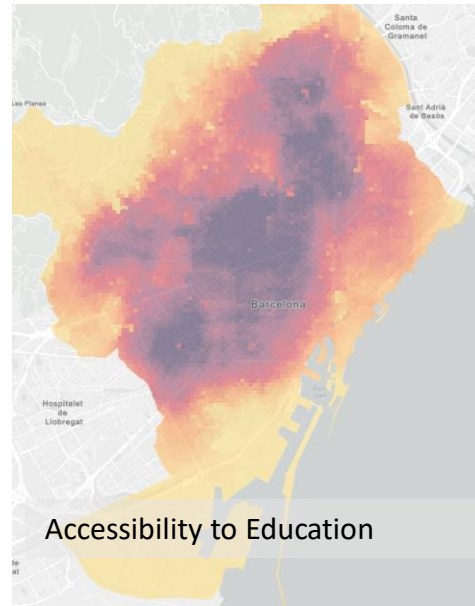
Accessibility to cultural centers



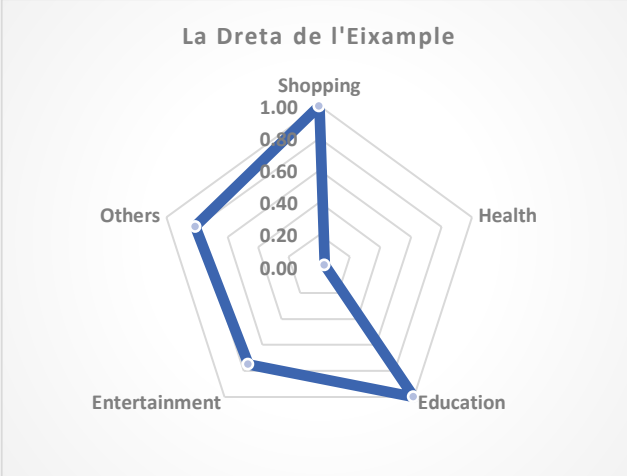
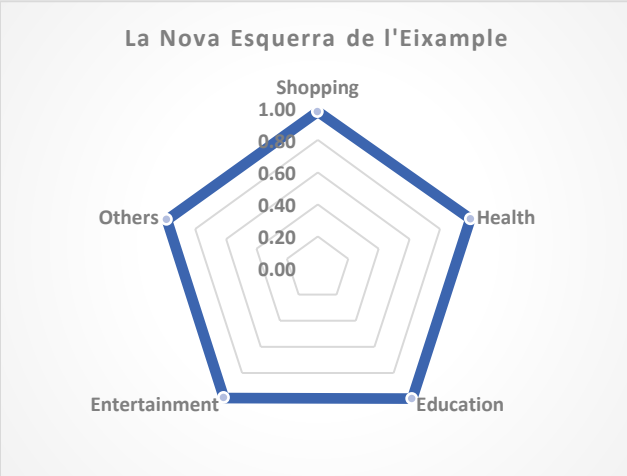
Accessibility to Shopping



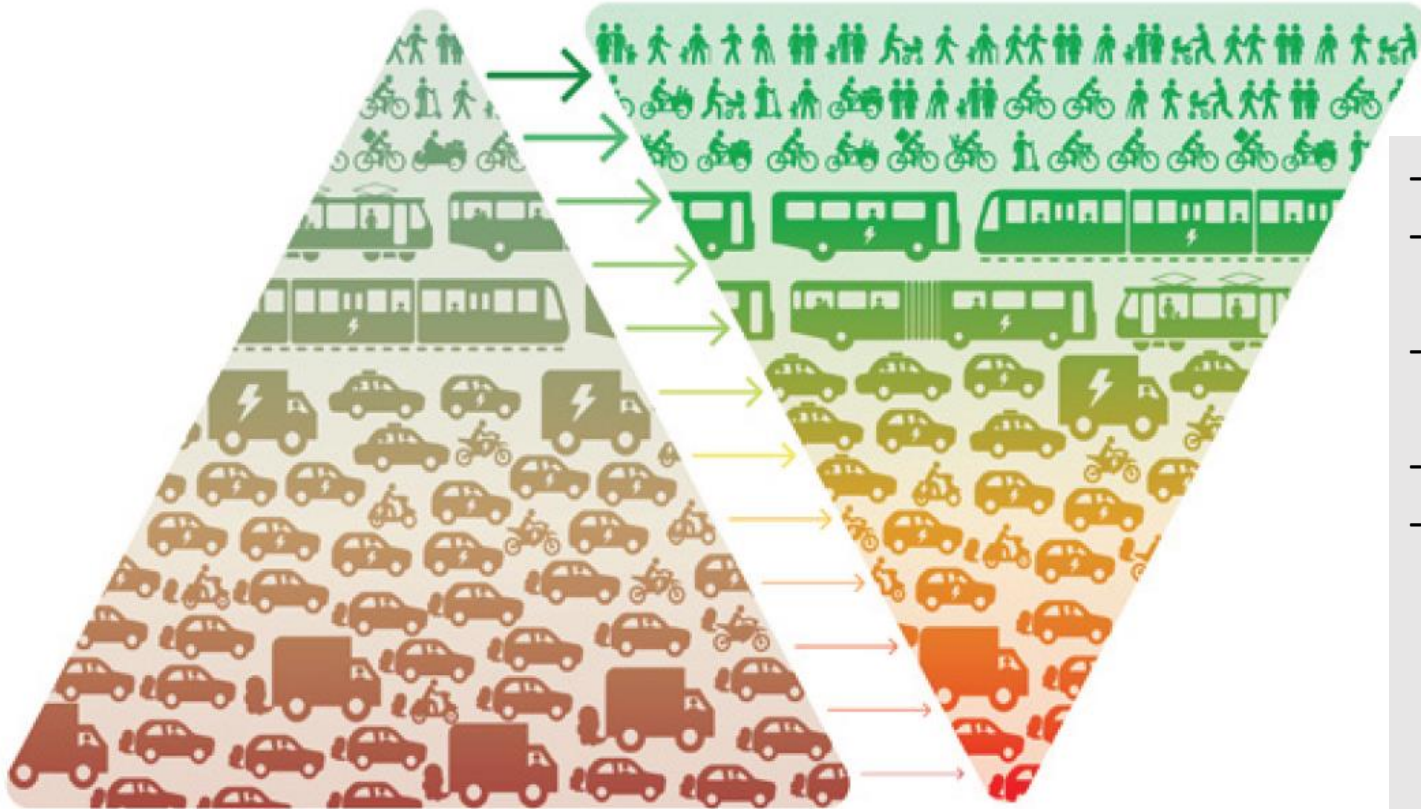
Accessibility to Health centers



Accessibility to Education







- Invertir pirámide: transport Actiu + Públic + Privat
- Reduir els 650.000 desplaçaments diaris interns en cotxe
- Apostar per polítiques de gestió del trànsit supramunicipals
- Gestió de l'aparcament + gestió de l'espai públic
- Inversió en transport públic metropolità
  - Sabadell, Terrassa, Vilanova, Vilafranca, Granollers, Mataró
  - No caure en utopies.
    - Transport públic no arriba a tot arreu
    - Park & rides?
- La mobilitat no té solucions màgiques
  - Bicicletes
  - Cotxes elèctrics
  - Cotxes autònoms
  - Micromobilitat?
- **“El millor pla de mobilitat és un bon pla urbanístic”**

HOW BIG DOES A PARK-AND-RIDE HAVE TO BE JUST TO FILL ONE BUS?



30 PARKING SPACES  
1.2 OCCUPANTS/CAR

40' COMMUTER BUS  
36 SEATS



Moltes gràcies!