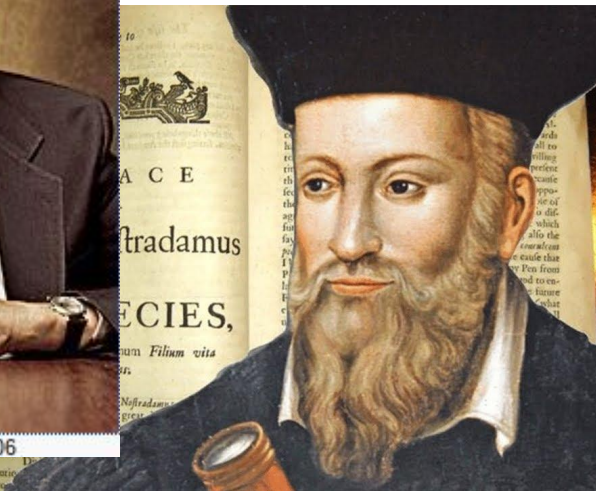


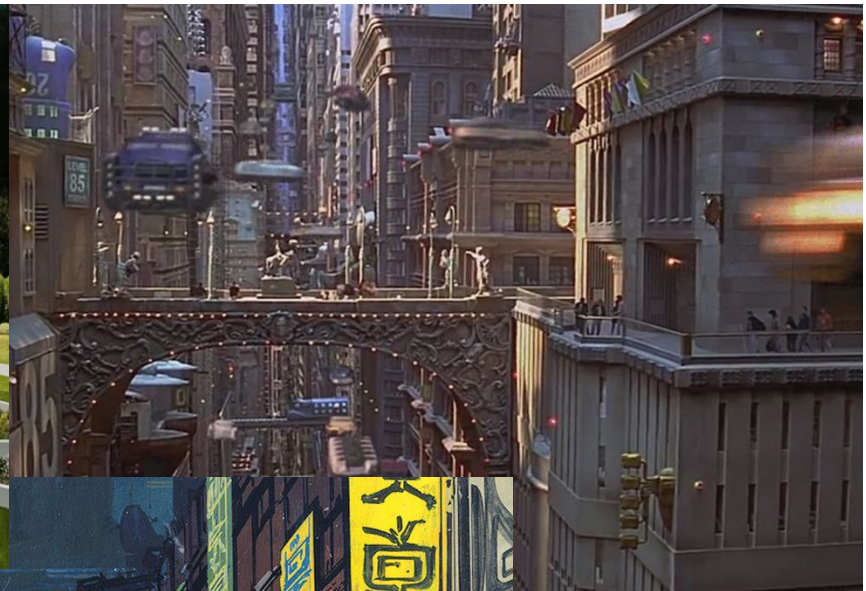
o futuro da mobilidade

Questões do por vir

O que é futurologia?



Como será a
mobilidade em BH
daqui a 50 anos?



**Eletromobilidade e
veículos autônomos
são o caminho para
sustentabilidade?**

Three Revolutions in Urban Transportation

Business-as-Usual Scenario

20th Century Technology

Through 2050, we continue to use vehicles with internal combustion engines at an increased rate, and use transit and shared vehicles at the current rate, as population and income grow over time.



2 Revolutions (2R) Scenario

Electrification + Automation

We embrace more technology. Electric vehicles become common by 2030, and automated electric vehicles become dominant by 2040. However, we continue our current embrace of single-occupancy vehicles, with even more car travel than in the BAU.



3 Revolutions (3R) Scenario

Electrification + Automation + Sharing

We take the embrace of technology in the 2R scenario and then maximize the use of shared vehicle trips. By 2030, there is widespread ride sharing, increased transit performance—with on-demand availability—and strengthened infrastructure for walking and cycling, allowing maximum energy efficiency.



Number of Vehicles on the Road by 2050  = 250 million vehicles



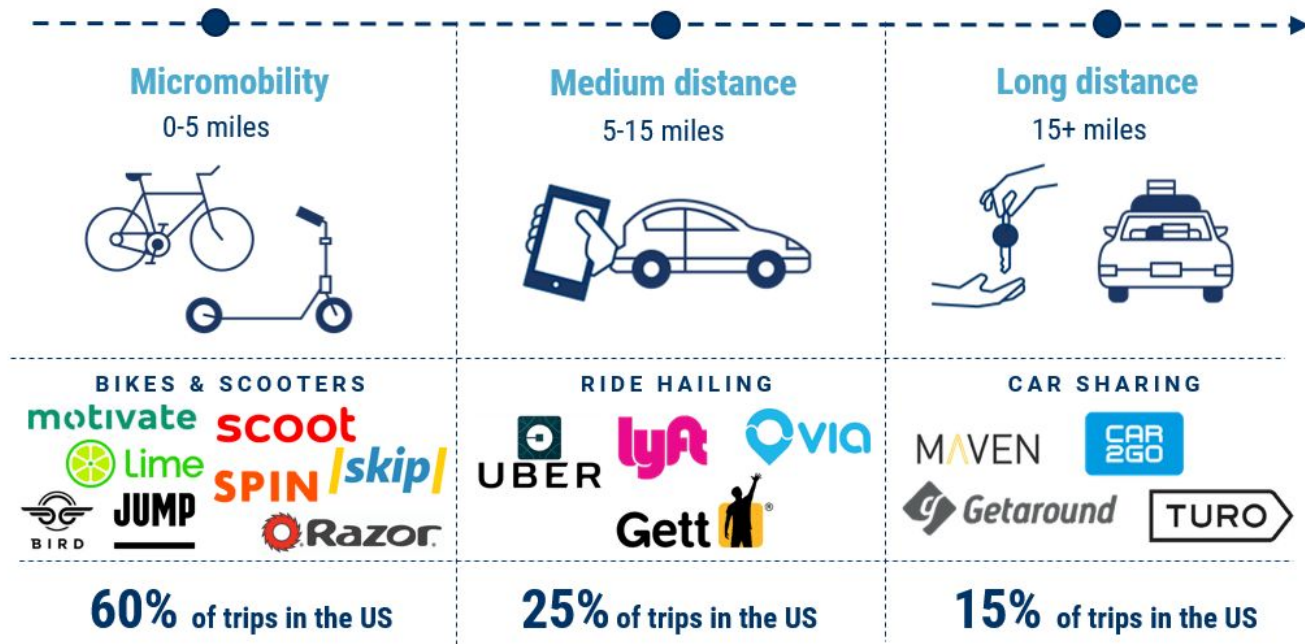
CO₂ Emissions by 2050  = 500 megatonnes of CO₂



**Desdobramentos da
economia da partilha
sobre a mobilidade e
forma da cidade.**

DISRUPTING THE CAR

Alternatives to car ownership by trip length



Source: NHTS

CBINSIGHTS

Plataformas digitais e
o planejamento
urbano e
regulamentação de
transportes

FROM
THE CURRENT MODEL ...

MOBILITY AS A SERVICE

...TO THE MaaS MODEL!



Sources: UITP, Chalmers University results from Ubigo MaaS pilot project in Gothenburg, SE

Obrigado



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