Can new mobility services lead to energy and GHG savings?

BEHAVIOR, ENERGY AND CLIMATE CHANGE CONFERENCE

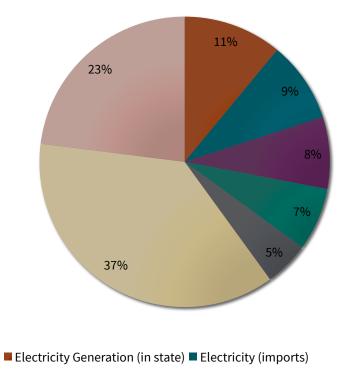
Regina R. Clewlow, Ph.D. Engineering Research Scholar Stanford University @ReginaClewlow

October 19, 2015

Motivation: A look at California's GHG inventory

CA GHG Inventory: 2013

(data source: California Air Resources Board)



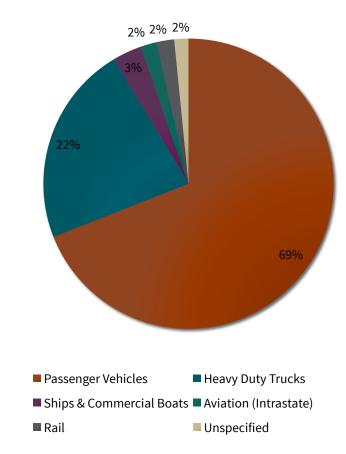
Residential

Transportation

- Agriculture
- Commercial
- Industrial

Transportation Sector GHGs: 2020

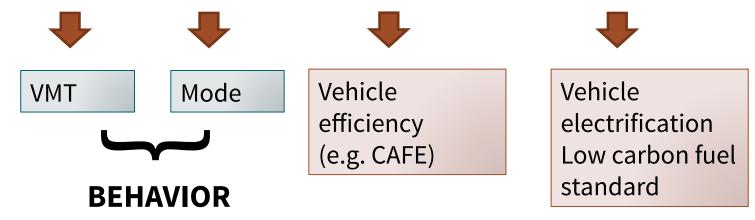
(data source: California Air Resources Board)



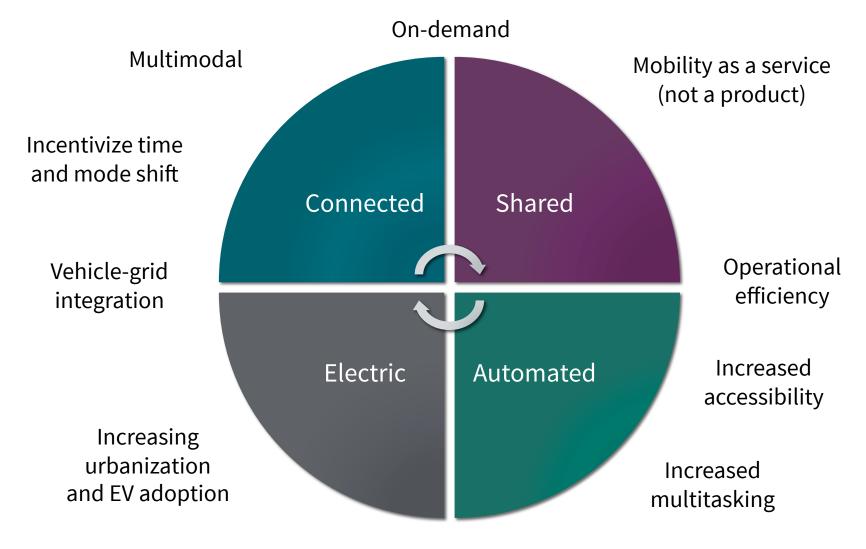
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Previous efforts have focused on vehicles and fuels

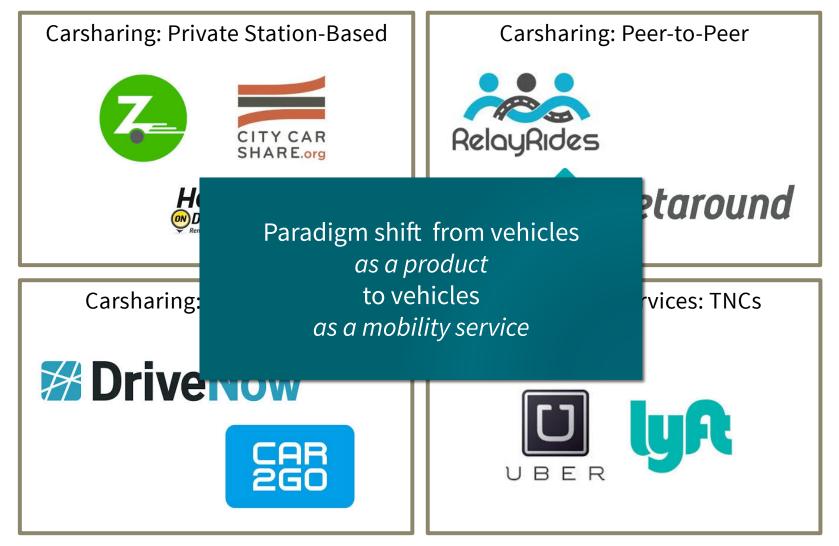
 $GHG = \underline{A}$ ctivity x modal \underline{S} hare x energy \underline{I} ntensity x carbon intensity of \underline{F} uel



Major transformations in the transportation sector



Evolution of shared mobility services



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