

# LECTURE

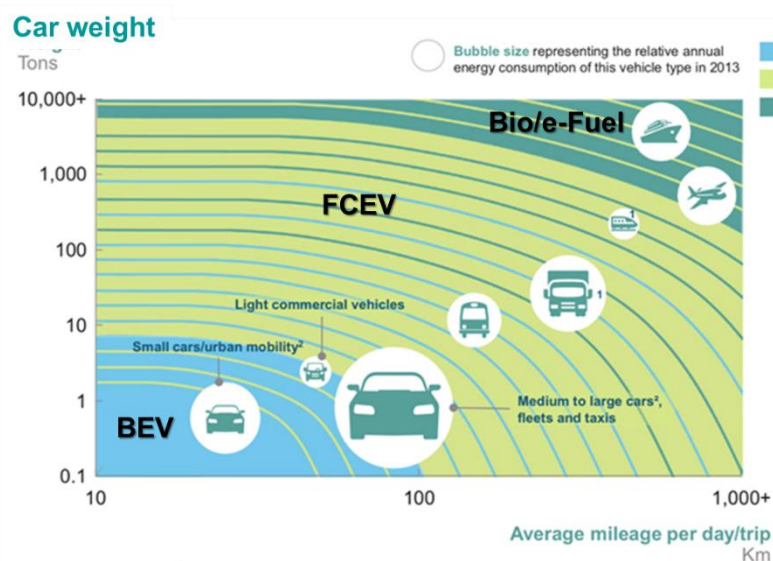


## ***Electromobility with Batteries or Fuel Cells?***

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*He deals with batteries and fuel cells for ca. 50 years. He published > 300 papers and 10 books, e.g., Encyclopedia of Electrochemical Power Sources.*

- To reduce the environmental problems caused by the transportation sector the electromobility is being expanded greatly.
- Both batteries and fuel cells can be used as energy source to drive the electric motor.
- Ad/disadvantages of battery electric vehicle (BEV) and fuel cell electric vehicle (FCEV) will be discussed.



- Besides car weight and range of the vehicles also the performance and costs of the energy source is essential.
- In detail it will be discussed the state-of-the-art and future of R&D especially on batteries.