## Arthrolbtile

## Material efficiency

Automotive case study
June, 2017

## Automotive case study based on open data



## Description of the study



Car weight has been stable since 2007 even though many functionalities have been added (HMI \& safety)

Product weight
All cars sold on French market


[^0]
## End-of-life recycling is now above $85 \%$ in average for the biggest EU markets

## End-of-life recycling <br> 6 biggest EU market



Source: Arthur D. Little analysis, Eurostat, Renault, PSA, Volkswagen, BMW, FCA, Ford, Volvo

## Resale price ratio is relatively stable since 2006

3-year resale price All cars sold on French market


Product performance vs. weight has been regularly improved over the past decade (fuel required to carry It of car weight for 100 km )

Product performance vs. weight
Cars sold on French market (segments A, B \& C: $\sim 70 \%$ of the market)



[^0]:    Source: Arthur D. Little analysis, L'Argus

