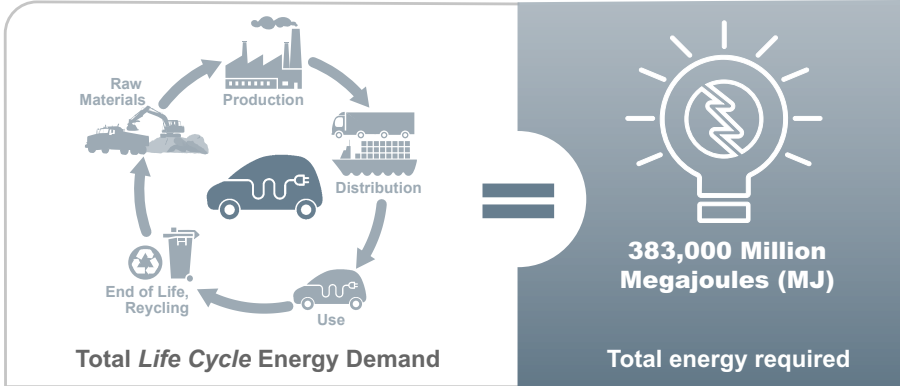


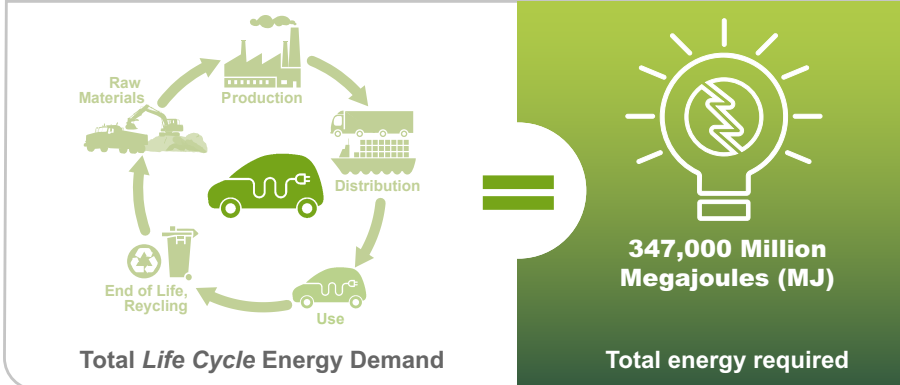
Material Matters

Did you know vehicle structural materials affect Battery Electric Vehicle efficiency in terms of their total life cycle emissions? Let's compare. What is the total life energy required to *manufacture, power and recycle 1,000,000 Battery Electric Vehicles (BEV)* made of aluminium versus Advanced High-Strength Steel?


Aluminium BEV energy requirement






Advanced High-Strength Steel (AHSS) BEV Energy Requirement



With the energy saved by using AHSS instead of aluminium, you could power an additional:

172,000  AHSS BEVs

-or-

77,000   

Households for 12 years