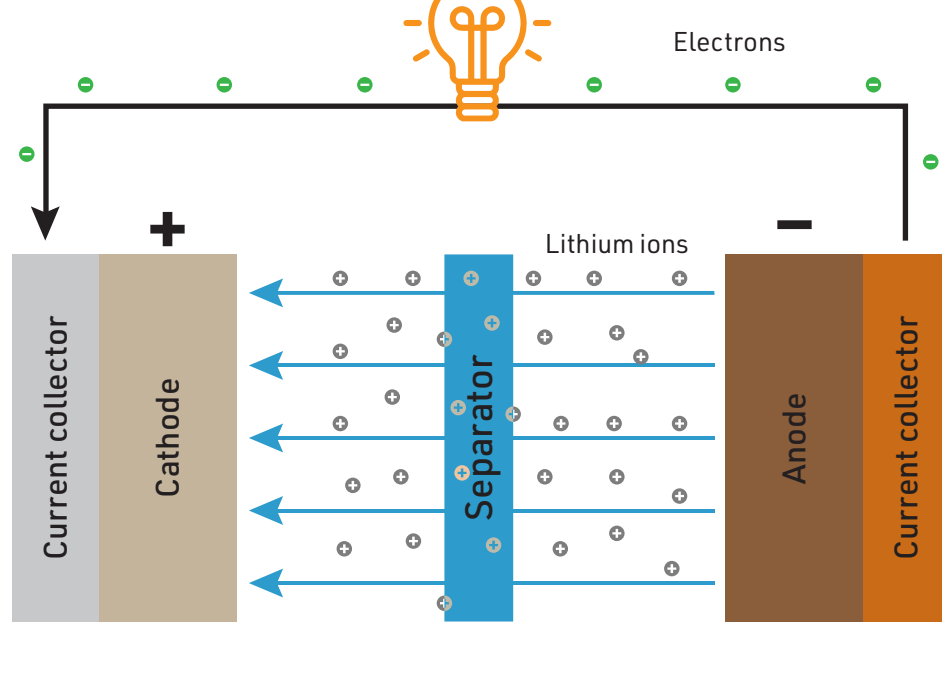


NCORE™

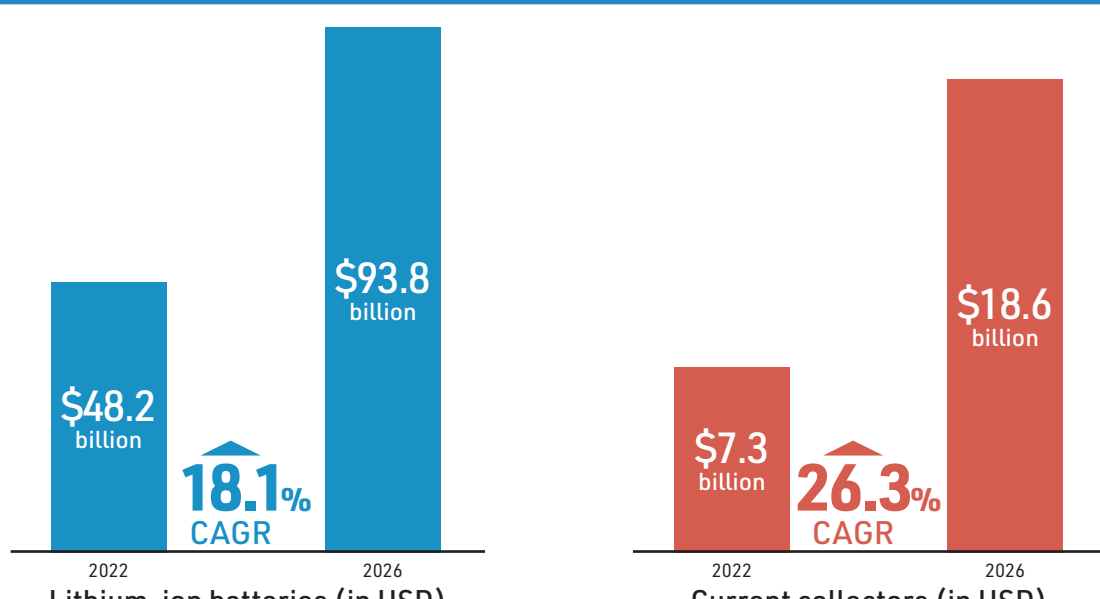
Ultrathin, metal-polymer composite current collector

Lithium-Ion Battery Current Collector

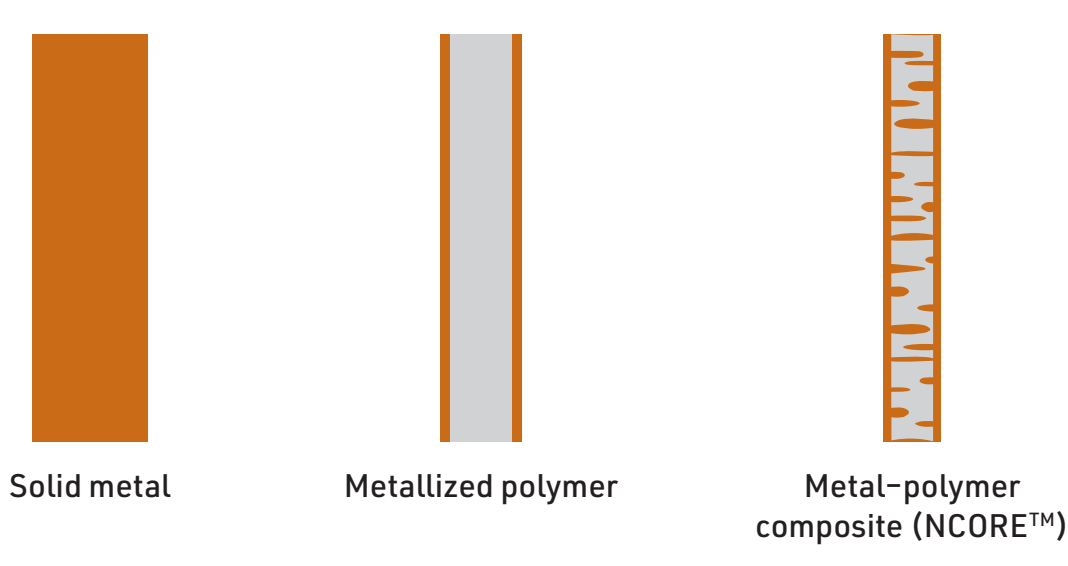


The current collectors in a lithium-ion battery form a pathway for electron flow from the anode to the cathode and act as a substrate for the active materials on the electrodes.

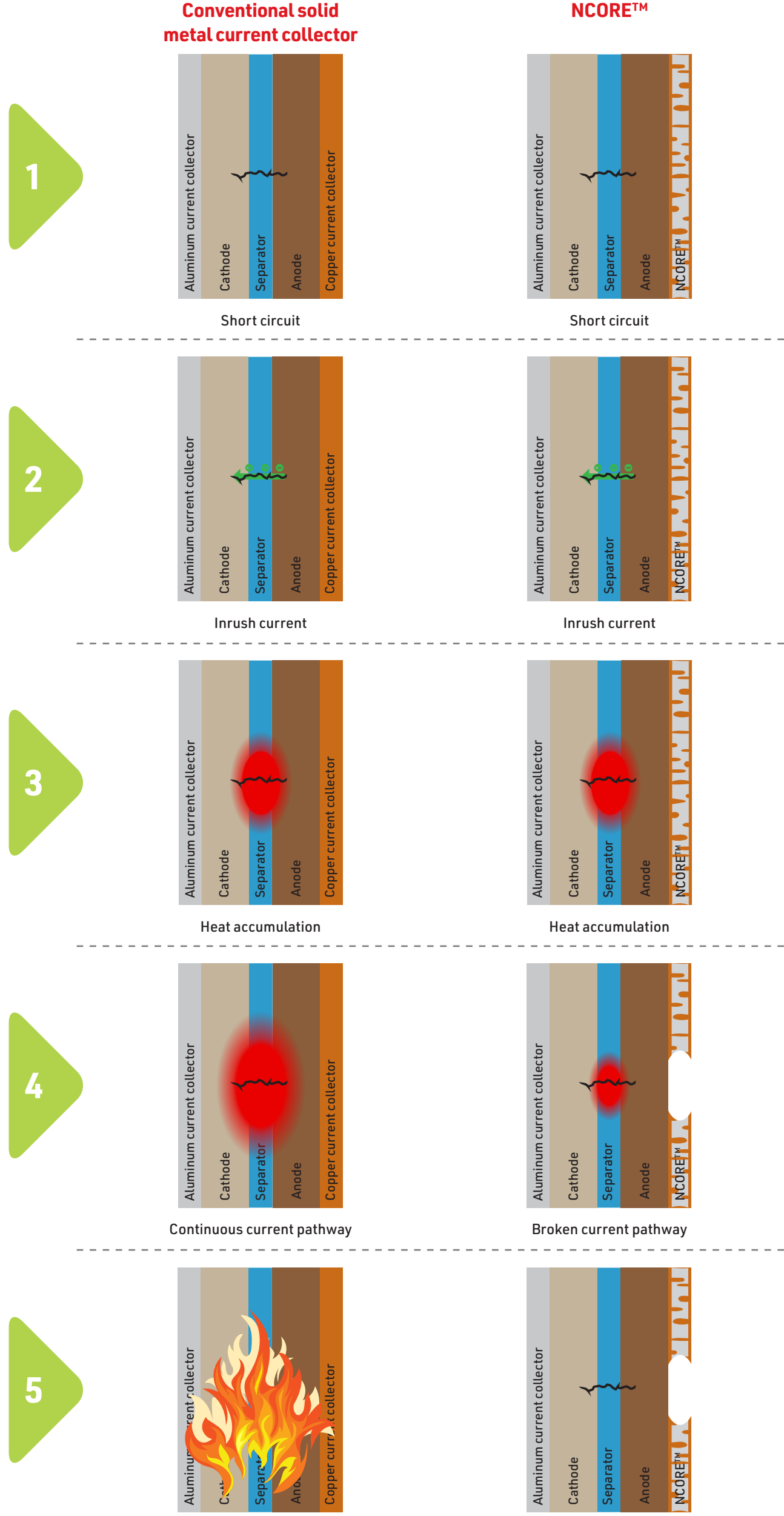
Market Trends



Types of Current Collectors



NCORE™ vs Conventional Solid Metal Current Collector



Advantages of NCORE™



Dramatic weight reduction



Higher energy density

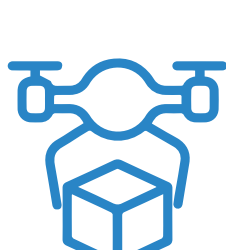


Environmentally friendly

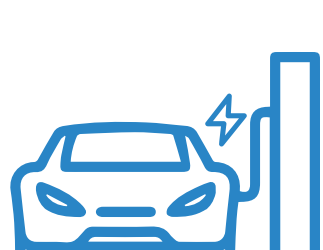
Applications



Lithium-ion batteries



E-mobility



Electric vehicles