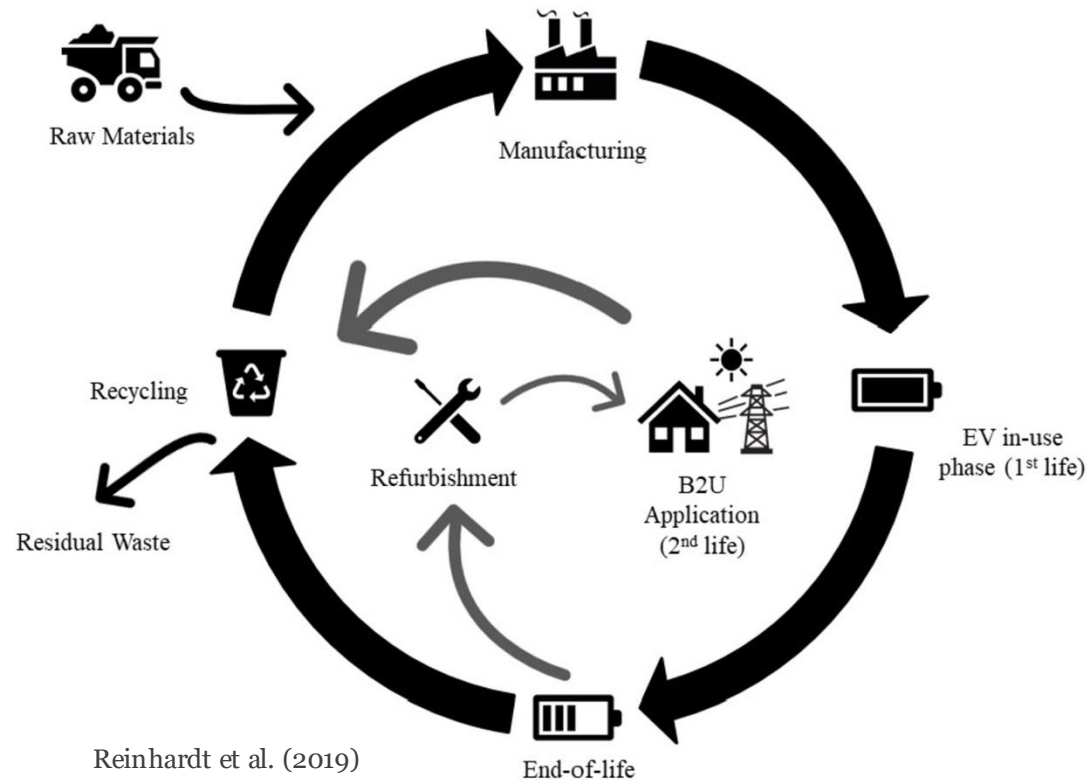


Circularity in Electromobility



Goal: The project aims to explore under-researched aspects of circular economy (CE) in the context of electromobility, focusing on electric motors and lithium-ion batteries (LIBs). It will assess environmental impacts of different recycling and disassembly strategies for EV motors, investigate challenges in current LIB collection systems, and identify research gaps and collaboration opportunities within VTI and SEC. The overarching goal is to strengthen strategic research in CE for electromobility and support sustainable resource use in the transport sector.

Expected Result: The project will deliver one peer-reviewed journal article on life cycle assessment (LCA) of electric motor recycling, a best-practice proposal for LIB collection, and a final report summarizing all findings. The results are expected to inform both academic research and industrial practices, particularly for partners like Volvocars and Aurobay.

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