ZERO EMISSION ELECTRIC VEHICLES ENABLED BY HARMONISED CIRCULARITY

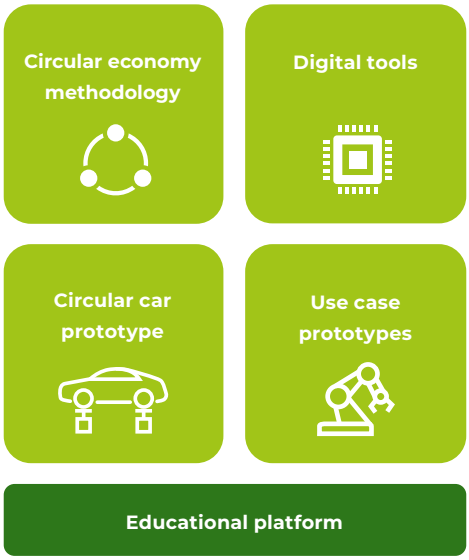
ABOUT

ZEvRA's main objective is to improve the circularity of light-duty EVs throughout their entire value chain, from materials supply and manufacturing to end-of-life (EoL) processes, which aligns with the European Union's goal of achieving zero CO2e emissions by 2035, particularly in the EV value chain.

USE CASES

Steel, aluminium (wrought, casting and foam), thermoplastics composites (long and continuous fibre-reinforced), unfiled/short fibre plastics, glass, tyres, rare earth elements (REE)

CONCEPT



OBJECTIVES

- Design for Circularity (DfC) methodology and a holistic circularity assessment
- Digital tools as a key enabler for circularity
- Circular car concept
- Validation in the most important automotive materials
- Creation of an educational platform for training and upskilling of industrial workforce

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