DISPOSAL

E-MOBILITY: THE CHANGING AUTOMOTIVE LIFE-CYCLE

MANUFACTURING **OPERATION & MAINTENANCE** New material requirements, e.g. New mobility electrical sheet, New business models Rising demand services such as based on charging magnets of raw materials car sharing infrastructure like copper, lithium, influencing conventirare earths; onal service station less aluminium business New sales Need for motor opportunities maintenance sharply through new reduced since wear or other parts like spark production plugs or toothed technologies belts no longer exist Development of conventional Further utilization engines and of EV battery as related compostationary power nents ceases store Demand for new specialist staff, Increasing importance of e.g. electronics Development cooperation recycling since electric engineers, chemists and common standards vehicles containing valuable raw materials like silicon

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RESEARCH &

DEVELOPMENT