









DRIVE SAFER, LONGER, FURTHER WITH AN ELECTRIC CAR

1. WE KNOW

MAT4BAT ADVANCED MATERIALS FOR BATTERIES

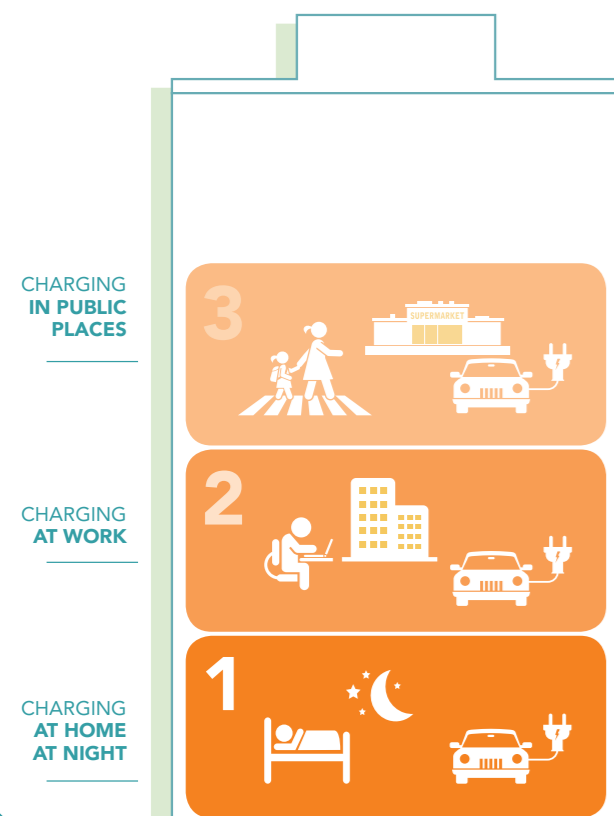
Types of electric cars:
HYBRID, PLUGIN HYBRID, ELECTRIC



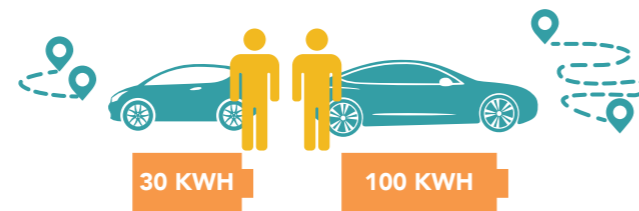
 LONG CHARGING TIME	LITHIUM ION BATTERY most popular form of storage at the moment in  crucial 	 HIGH ENERGY DENSITY
 COST/PRICE		 FASTER ACCELERATION
 LIMITED CHARGING STATIONS		 RE-USE

ELECTRICITY VERSUS SUPPLY AND DEMAND

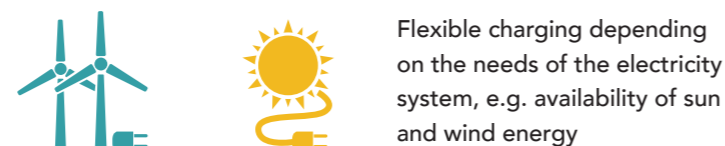
We encourage charging depending on the needs of the electricity system (e.g. availability and balancing of electricity, or network constraints) and depending on the availability of solar and wind energy.



An electric vehicle for everyone's needs



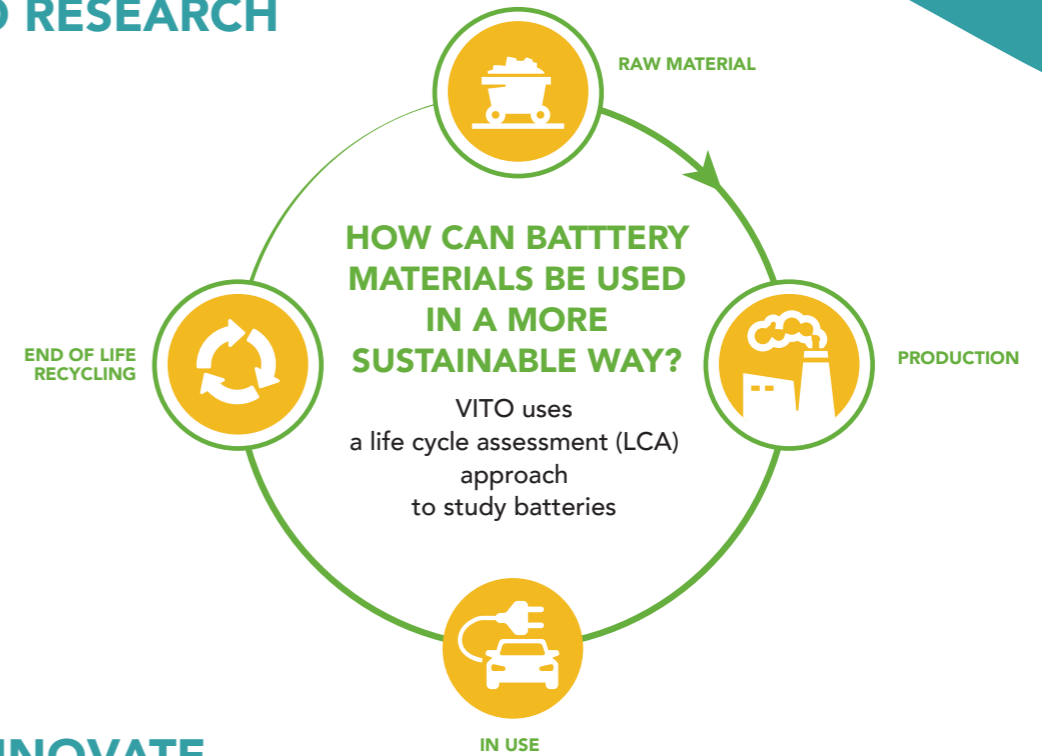
SOLUTION



mat4bat.eu

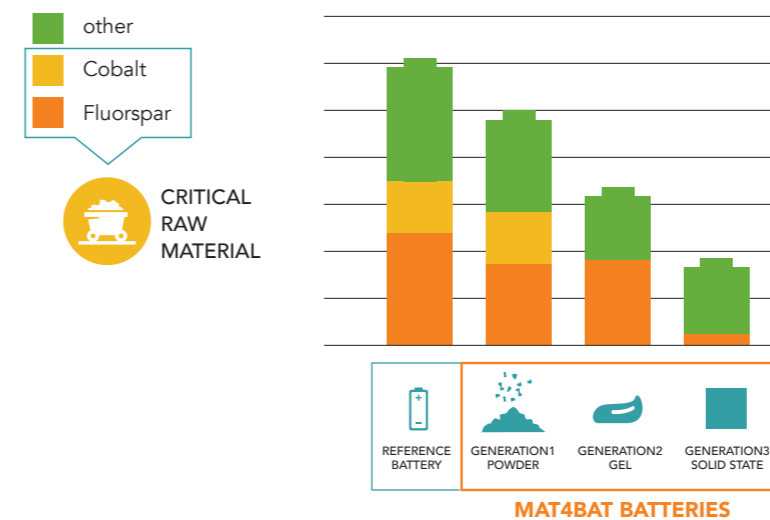
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2. WE DO RESEARCH



3. WE INNOVATE

COMPARISON REFERENCE BATTERY AND BATTERIES DEVELOPED DURING THE MAT4BAT PROJECT



Within the M4B project we identified the optimum battery use condition combinations that would improve the battery performances especially its lifetime and safety. These combinations are implemented in the battery management system which keeps the battery working within these limits.

Our European partners

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