@FutureBEV – Accelerated Powertrain Technology for Future BEVs

Premium automotive global company BMW bring together a development team to include Custom Interconnect Ltd (CIL) and Lyra Electronics from industry and Compound Semiconductor Applications Catapult (CSAC) and University of Warwick (UoW)

Together the team will develop a new UK supply chain for sub-components and system capability for future electromobility addressing UK Government targets for industrial growth, generation and safeguarding of jobs, and the transformation to zero emission mobility. The technology drives BEV from niche to mainstream.

This development provide real world benefits in improved efficiency, lower vehicle CO_2, reduced weight and better use of storage providing value add and competitive customer value to the end-user.

UK engineering talents and skills will be developed in harmony with the BMW Munich based background knowledge within the project team to open development and manufacturer opportunities for vehicle electrification within the UK.

Core goals:

- Development of EV powertrain
- Development of UK content (sub-components and inverter supplier)
- Increased powertrain efficiency (reduction of CO_2)
- Reduced development cycle time / time to market (acceleration of CO_2 benefits)

CATAPULT Compound Semiconductor Applications

WARWICK THE UNIVERSITY OF WARWICK

Custom INTERCONNECT

LYRA ELECTRONICS