

PROJECT SNAPSHOT

ESCAPE

13
PARTNERS



137
JOBS CREATED



75%
SIZE REDUCTION OF
OVERALL SYSTEM



Partners:

McLaren Applied Technologies, ClasSiC, CSA Catapult, Lyra Electronics,
MaxPower, MicroSemi, Tribus-D, TPS

CSA CATAPULT ROLE

MARKET INTELLIGENCE | SiC MODULE EVM |
CHARACTERISATION | PROJECT MANAGEMENT |
ADVANCED PACKAGING



End-to-End Supply Chain Development for Automotive Electronics

Aim: To establish a globally unique and cohesive end-to-end supply chain capability for innovative SiC power electronics designed to service UK and global end user demand.

- **Large Consortium:** A £20m project, incorporating 13 partners, creating or safeguarding 66 jobs in engineering and 71 jobs in manufacturing.
- **Supply Chain:** ESCAPE will build a secure UK end-to-end supply chain capable of competing globally.
- **Game Changing Technology:** Supporting the drive for electrification UK and globally.
- **UK Investment:** Successful exploitation of ESCAPE will result in over £66m further UK investment in SiC R&D and capital expenditure.

PROJECT BENEFITS



60% reduction in
inverter loss



Reduced overall
vehicle mass



Extended RV range and smaller
batteries