

Cranfield Impact Centre

Structural test facility used by F1 and other automotive clients.

Centre for Competitive Creative Design (C4D)

Additive Manufacturing (3D printing).

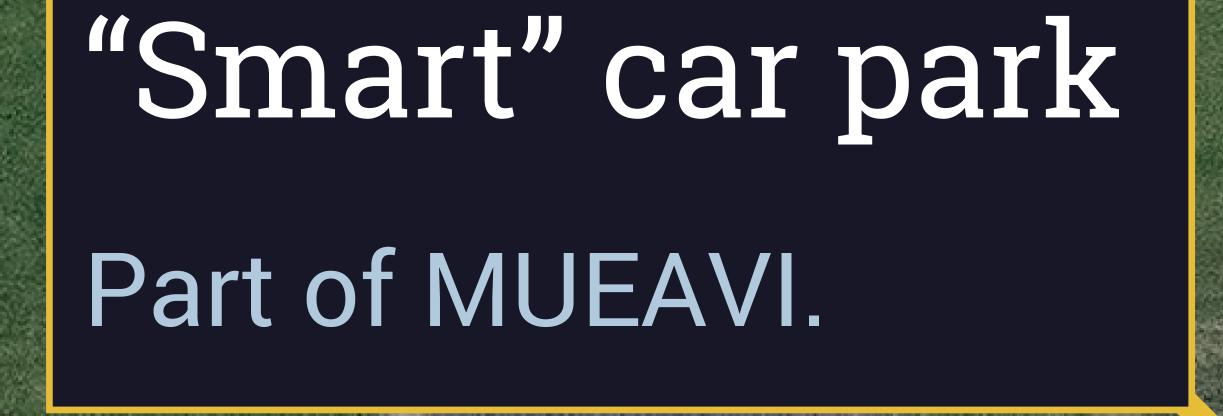
Composites materials lab

> Automotive mechatronics and HIL rigs

Engines lab

Single cylinder Hydrogen ICE R&D, Brake test facility, Light weight material test facility including high strain rate impact testing.





Off-Road Environment Simulator (ORES)

High-transient 4WD articulating vehicle dyno.

Intelligent Mobility Engineering Centre (IMEC)

Vehicle workshops and simulators, traction battery testing, Mechatronics lab, MUEAVI Control Tower.

Automotive and Motorsport Engineering at Cranfield University

Bulk Hydrogen Production by Sorbent Enhanced Steam Reforming (HyPER)

Research facility producing clean hydrogen.

Fleet of test vehicles Friend EV, HEV, fuel-cell buses, HGV, AV and agri.



LLL-I-I-I

Multi-User Environment for Autonomous Vehicle Innovation (MUEAVI)

Collection of varied test road segments for the development of intelligent, autonomous and other vehicles.

Comprises six sections:

- 3. Configurable section.
- 5. Off-road section. —
- 6. Smart car park. —

www.mueavi.co.uk



Off-road vehicle R&D area Part of MUEAVI.

Instrumented transport corridor running into campus including LIDAR (laser scanners that can measure distance), RADAR that can detect pedestrians and cyclists at up to 200 metres, and thermal imaging cameras. 2. Uninstrumented section running through main campus.

4. "Country road" section with varied-radii curves and intersections.