

COMPLETE ENGINE SOLUTIONS

OEM-STANDARD ENGINE PROGRAMMES FOR TRADITIONAL AND ALTERNATIVE FUELS ACROSS THE FULL PRODUCT LIFE CYCLE

Ricardo provides turnkey engine development programmes which offer comprehensive support across the full product lifecycle from concept design through to production and in-service support.

Drawing on over **100 years of excellence in internal combustion technologies**, we support programmes to some of the most recognisable OEMs and tiered suppliers across a diverse range of sectors from **high performance on-road applications to the heaviest duty off-highway and marine applications.**

Our expert teams guide clients throughout the entire product lifecycle, helping them to navigate global regulatory standards, incorporate the latest technical innovations in fuel economy and performance, whilst minimising overall project risk in terms of time, cost and reliability.

Wherever you are in your engine development journey, **Ricardo can support from early concepting and hand-built prototype** right through to series production with the option to create flexible semi-automated production lines capable of **producing thousands of high-quality products annually.**



PERFORMANCE
AUTOMOTIVE



MARINE



MOTORSPORT



OFF-HIGHWAY



DEFENCE

OUR OFFERING

- **Strategy and Advisory** programmes to help our clients select the right technologies for their applications aligned to programme resources and regulatory requirements
- **Concept Design and Prototyping** solutions for fossil fuel, e-fuel, hydrogen and alternative fuel applications.
- **Development and Validation** approaches to suit development budgets
- **Test and Certification** provided in-house including homologation and type approval certification solutions
- **Niche Volume Production** delivered to the highest OEM standards delivered from one of our global technical centres or establishing a bespoke dedicated facility
- **Aftersales and In-Service Support** including spares and warranty management to support aftersales provision.

CONTACT US ABOUT YOUR BESPOKE ENGINE PROGRAMME