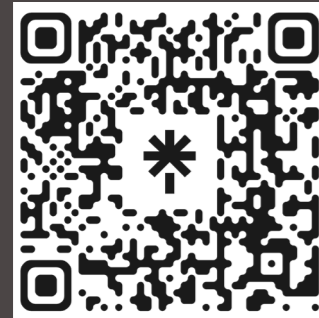


MAKING METALS
WORK HARDER

SINCE

1938

WALL COLMONOY



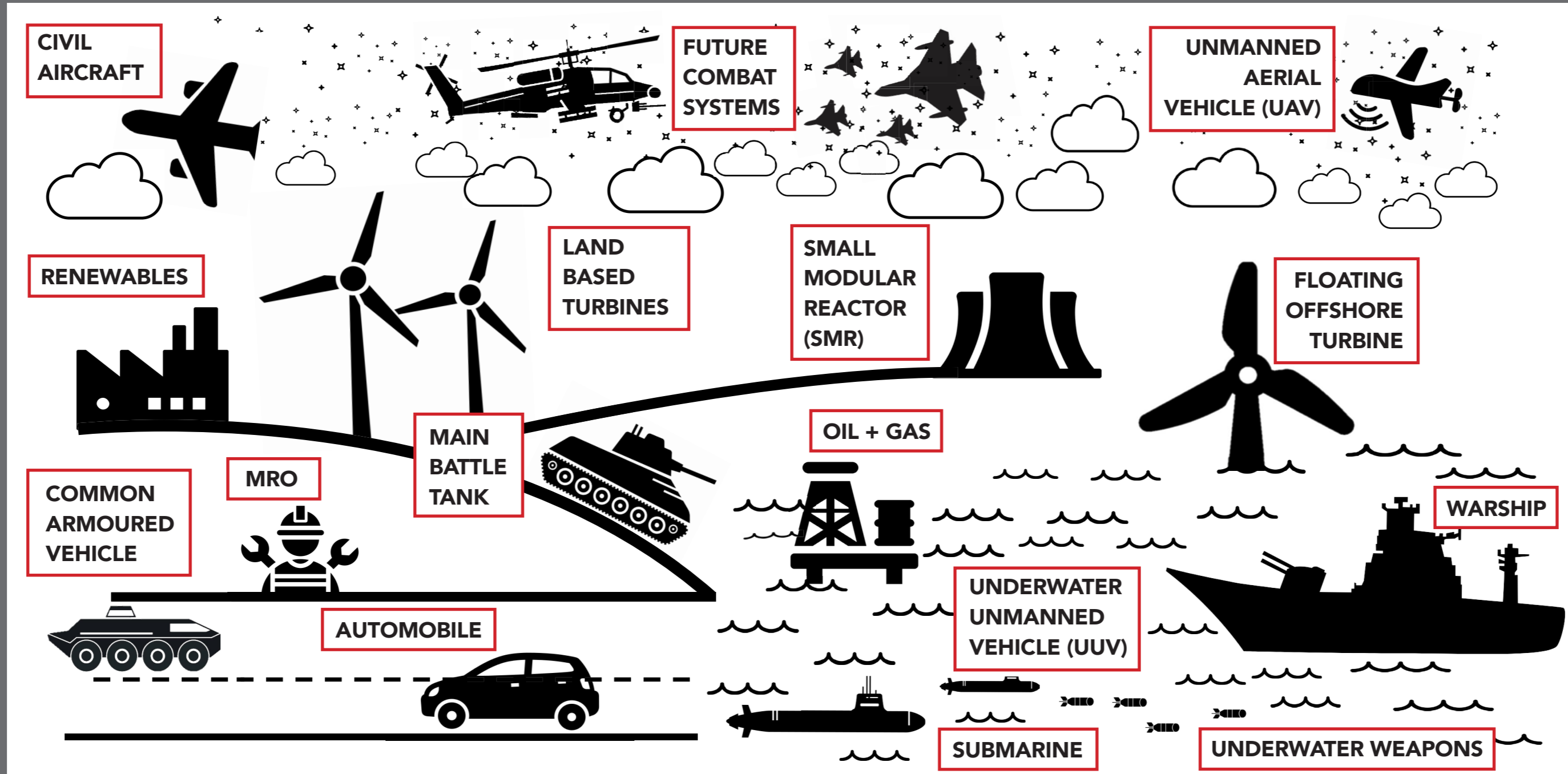
WALL COLMONOY LIMITED

ALLOY INDUSTRIAL ESTATE
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WALLCOLMONOY
PRECISION COMPONENTS



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WALLCOLMONOY
PRECISION COMPONENTS

OUR PROCESSES



We engineer parts with proven resistance to wear, corrosion, and abrasion—even in the most extreme environments. By uniting digital innovation with manufacturing expertise, we ensure first-time-right production, resilient supply chains, and lasting partnerships.

ADDITIONAL OFFERINGS:

- Castings - Investment, Vacuum, Centrifugal, Sand Casting, and HIP
- Brazing - Nicrobraz[®] and Niferobraz[®] brazing products
- Additive - Innovative metal powders
- HVOF - Colmonoy[®] and Wallex[®] thermal spray powders and application

OUR STORY



A GLOBAL LEADER IN METALLURGICAL INNOVATION

With nearly 90 years of expertise, we specialise in nickel and cobalt-based superalloys, delivering advanced wear-resistant solutions and high-integrity components.

INTEGRATED APPROACH

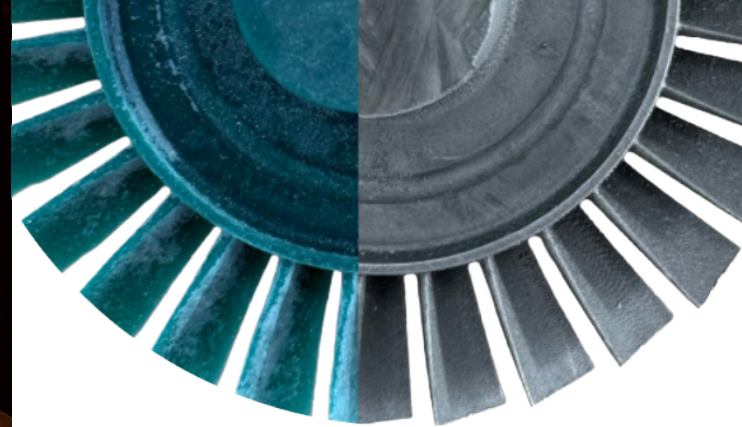
We produce complex parts for the world's most demanding applications. Our fully integrated process—casting, heat treating, and machining—ensures both quality and efficiency.

FLEXIBLE AND AGILE

With capacity to produce some of the UK and Europe's largest precision castings, we provide tailored engineering that enable agile development across a wide range of products and end uses.

Our engineers combine decades of material expertise, deep foundry knowledge, and state-of-the-art technology to deliver maximum value for our customers.

GATEWAY TO INNOVATION



ONE OF EUROPE'S MOST ADVANCED VACUUM PRECISION INVESTMENT CASTING (VPIC) FOUNDRIES

UNLOCKING POSSIBILITIES FOR NEXT-GEN COMPONENTS

Our state-of-the-art VPIC facility combines investment casting with vacuum melting to deliver complex parts with exceptional purity, accuracy, and consistency. The process reduces waste, enhances sustainability, and ensures reliable performance—turning ambitious designs into dependable solutions.

DELIVERING SOLUTIONS TO:

- Aerospace & Defence
- Nuclear & SMR
- Industrial Gas Turbine (IGT)
- Oil & Gas
- Renewables
- Pumps & Valves

BEYOND THE STANDARD



We deliver solutions. We pride ourselves on offering more than just great quality products and services. Our team goes above and beyond to understand your needs and deliver solutions that exceed expectations.

SUPPLY CHAIN

We anticipate, adapt, and deliver resilience and trust at every stage.

CIRCULAR ECONOMY

Sustainability drives how we innovate and manufacture.

CUSTOM ALLOYS

Materials engineered to the exact demands of your application.

TURNKEY SOLUTIONS

From concept to completion, we deliver value through complete engineered solutions.

RARE EARTH RECOVERY

We reclaim and reuse critical materials, reducing waste and strengthening supply chains.

CAPABILITY AT SCALE



INNOVATIVE DIGITAL TWIN APPROACH

Wall Colmonoy applies a 'digital-twin' approach to casting, simulating metal flow, temperatures, and shell design before production. This ensures quality, structural integrity, and performance while enabling rapid design iterations that shorten development cycles and deliver greater value to customers.

OFFERINGS:

- Castings up to Ø850mm x Ø1500mm
- Bespoke ceramic cored waxes
- Casting mould weights up to 200kg
- Nucleation control shell construction
- Equiaxed complex castings
- System vibration
- Vacuum grade alloy material (bars & near net shapes)
- Low or High-volume raw material supply
- Primary Alloys: MARM Others: Hastelloy, Waspaloy

APPROVALS:

- ISO 9001
- AS 9100 ISO 14001
- NADCAP HEAT TREATMENT
- CYBER ESSENTIALS PLUS

PROFESSIONAL BODIES

