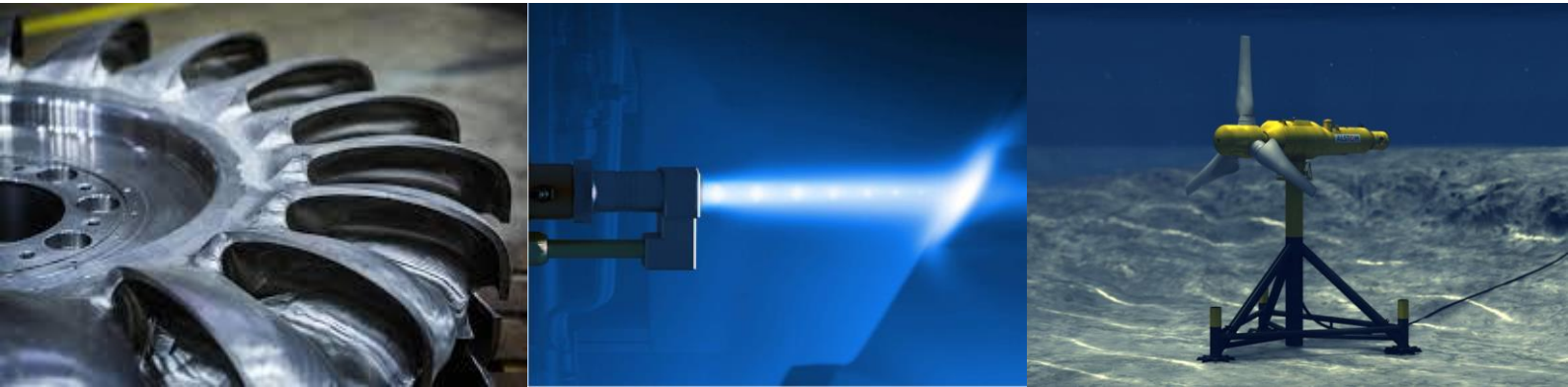


SURFACE TECHNOLOGY: Renewable Energy Solutions

ASCO Thermal Coatings Across Renewable Sector

The renewable energy industry finds itself increasingly using ASCO thermal coatings to repair eroded, corroded and worn components or to extend life on newly manufactured components.

The key aim of our coatings for Renewable Energy Sector allows components to be refurbished and reclaimed reducing landfill waste and minimizing environmental impact. Working alongside your business we can help you in your mission to save our planet. We offer a wide variety of thermal spray coatings (TSC) to guard against hostile environments including heat, chemicals, corrosion or erosion; our coatings can vastly improve component longevity. Utilized on a lower cost base material this means thermal spray coating is also a much more economical solution.



ASCO have recently been involved in coating and machining for the following components through HVOF, Laser Cladding, Plasma, Thermal sprayed Aluminium/Zinc/Bronze.

- Wind – Transmission Gearbox's/ Shaft's/ Hydraulic Cylinders/ Brake Disks/ Roller, Thrust, Radial Bearings
- Hydro Electric – Pelton turbines/ Blades/ Vanes/ Sleeves/ Bearings/ Needle Spears/ Nozzles
- Tidal Turbines – Bearing Nacelles/ Spigots/ Shafts/ Bearings
- Biomass – Boiler Tubes/ Conveyor systems/ Rollers

Benefits of partnering with ASCO

- Surface technology experts – 30 years + experience includes Tungsten Carbide & Ceramic coatings
- Full CNC/CMM inspection and traceable quality pack provided with each component
- One stop shop full manufacturing service available
- Highly skilled and experienced engineering team
- Quality equivalent or superior to the OEM
- Fast track services available