How economisers and waste heat recovery systems work for marine operators

1. Fuel supplied to the engine/s (DI - DO or HFO)
2. Main engine burns fuels and generates steam to propel the vessel
3. Auxiliary engine burns fuel and creates steam to generate electricity
4. Economiser captures energy from steam to heat up boiler feed water. Increases thermal efficiency by up to 20%
5. Water heated by recovered waste heat used for various applications, eg. heating fuel, tank or water, powering ship services etc.