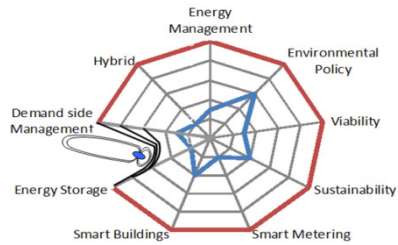
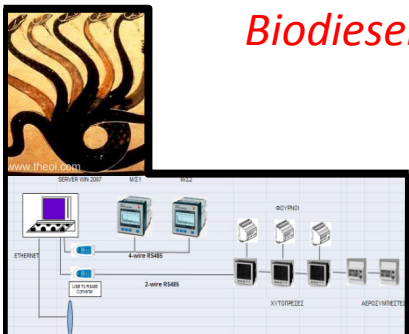
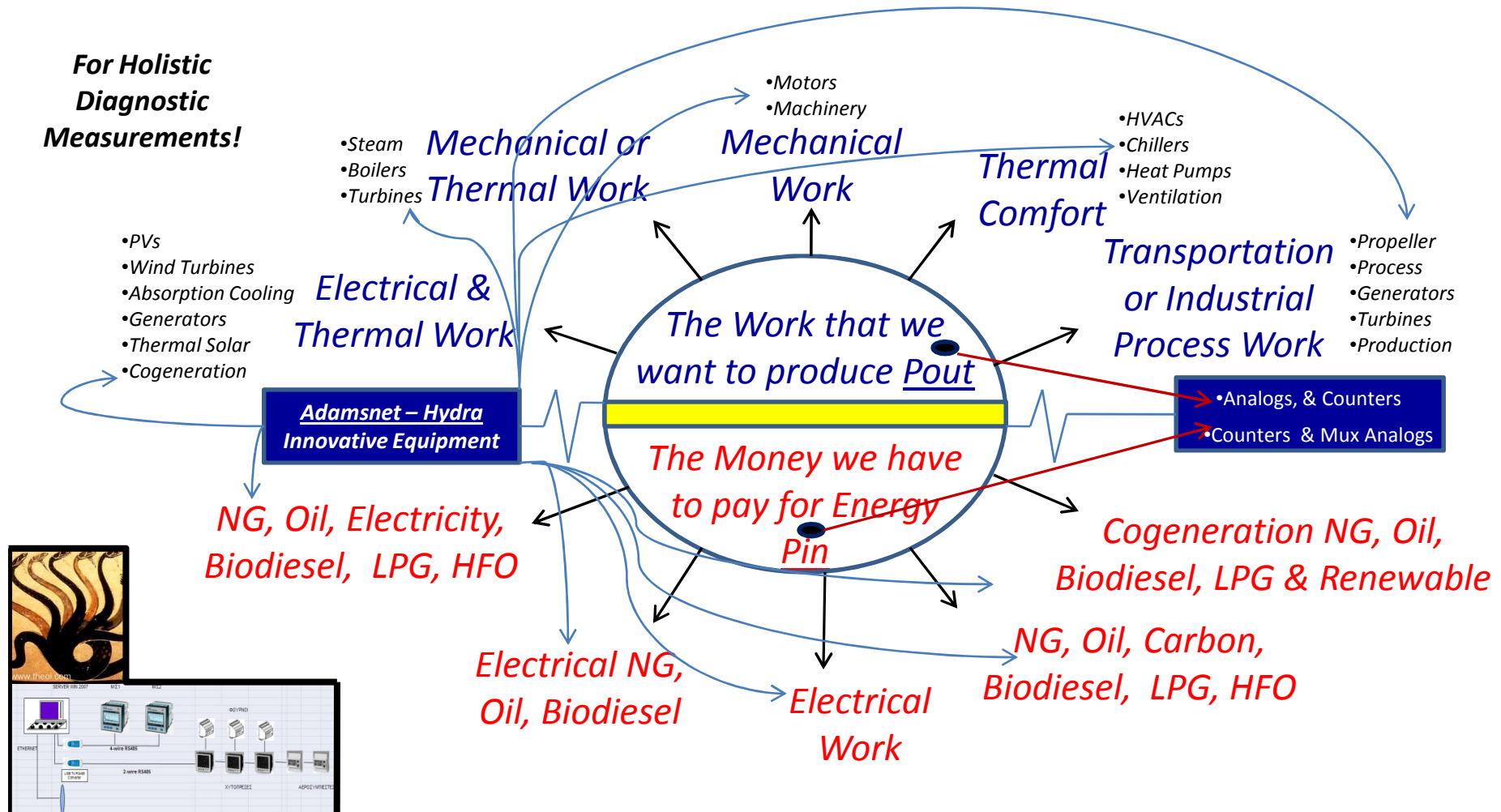


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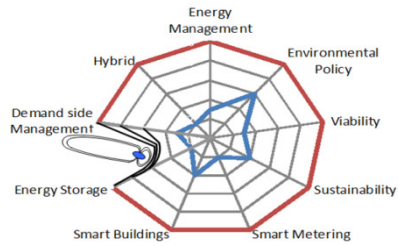


“Our Mission is to estimate the Energy Efficiency & to find Opportunities for Energy Saving not only for each Part of the Electromechanical Plant, but also for whole Industry”

Energy Performance of all equipments is defined by the following Ratio:



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“The Distortions of Power Quality come from Mechanical Disturbances and vice versa”

Motor Doctors

| <u>Mechanical Parts</u> | <u>Electrical Parts</u> |
|---|--|
| Geometry | |
| Rotor, Shaft, Bearings, Propeller, Distrib.Pipes | Stator, Windings & Electromagnetism |
| Materials | |
| Foundation, Inox, Aluminum, Plastics | Magnet, Conductance, Copper, Connectors |
| Disturbances | |
| Vibration, Glitches, Temperature, Cavitations, Flow, Pressure, Torque | Harmonics, Distortions, cos ϕ , Sags, Swells, Surge, Transients, Interruption |
| Control & Maintenance | |
| Driver, Alignment, Lubrication, RPM, Ultrasound FFT & CMD | Soft Starter, Inverter, Isolation, Elect. Power & Performance & PLC-DSM |

