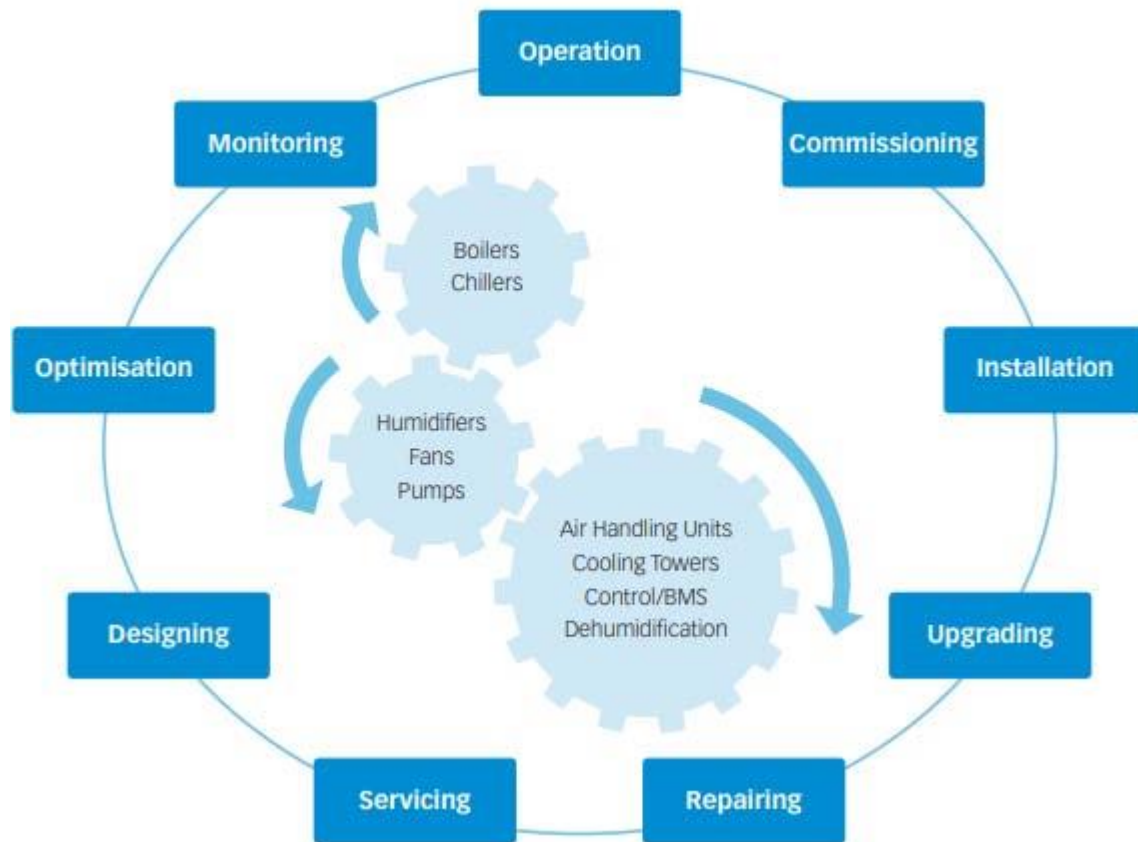


Fossil fuel dependant energy will become more and more expensive and is not a sustainable source anymore. Hence it will be imperative that we explore other sustainable options like Solar or Wind. This also implies that Energy irrespective of its source must be effectively and efficiently used. In, India which has predominantly a tropical weather in most parts geographically and all-round the year, air-conditioning would contribute a significant percentage to the electricity bill. Call Team KAS experts for a survey and we will share offer an absolutely non biased report with a prioritised action plan which we can agree and prepare in tandem, based on your specific requirements.

HVAC Systems and Key Activities



There are numerous means readily available for Facilities Managers, Building Occupants, Contractors and other Stakeholders to 'feel the pulse' with regards to HVAC System efficiency, two examples are given below. Analysing the ½ hour time of use electricity data (also known as 'interval data') which is typically available free of charge from utility suppliers gives an easy method to check whether HVAC plant is wastefully operating out of hours (including weekends and public holidays) and for checking maximum demand kVA and power factor. Because such issues have a significant effect on energy consumption and costs, it would be feasible to include the regular reporting of these as contractual KPIs. Setting up trends on equipment such as VSDs can provide a lot of information, which could be used to verify the performance of HVAC Systems. Cooling requirements can be monitored and verified if legitimate or not.

Note: Credible information regarding end use breakdowns for energy consumption is lacking in India at present and this is hampering the availability of 'rule of thumb type' benchmarks. This situation will improve WE become more aware of Sustainability.

We the **ABCDE** of the building fraternity

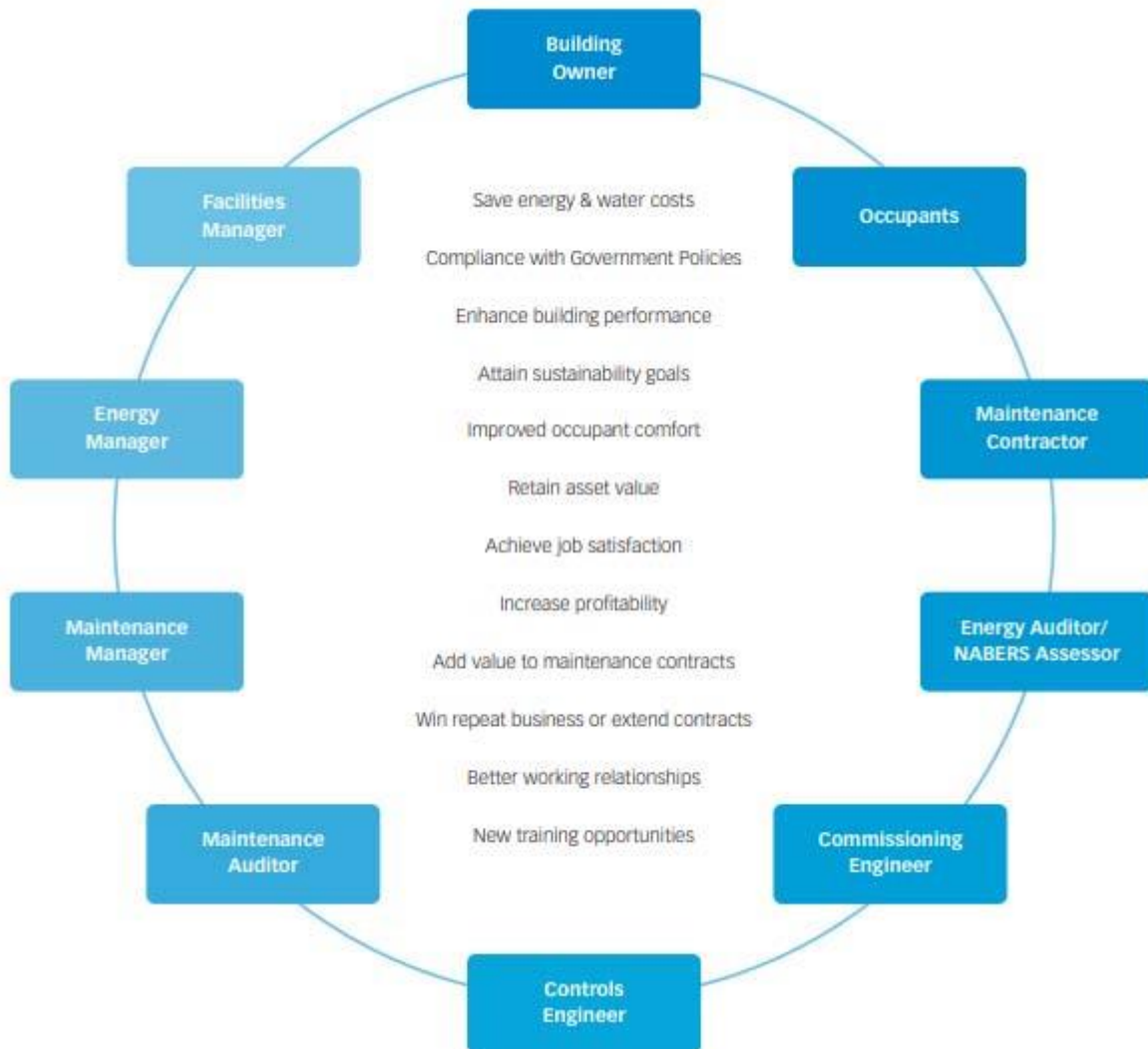
**Architects**

**Builders**

**Consultants**

**Developers**

**E**nd Users must become aware and sensitive towards sustainable power consumption.



Call **Team KAS** on **8879058999** or email on [murali.shanker@krystalallied.com](mailto:murali.shanker@krystalallied.com). The nominal cost of survey will be paid for "N" times over by the savings that will be accrued.

Brickbats. Bouquets and requests for surveys to [murali.shanker@krystalallied.com](mailto:murali.shanker@krystalallied.com).