



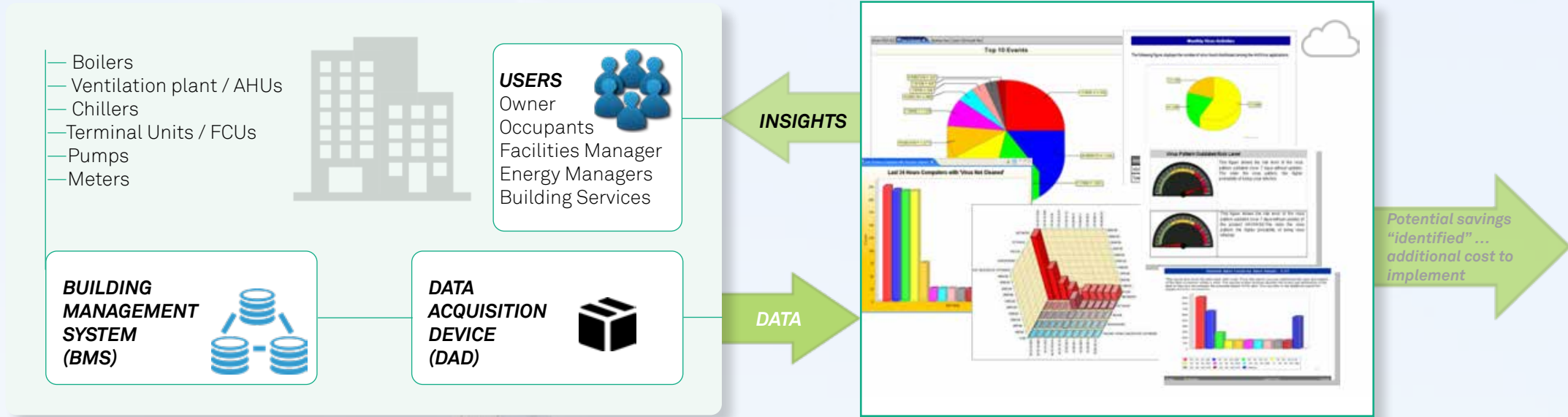
ecopilot®

Harness the thermal mass of your building...

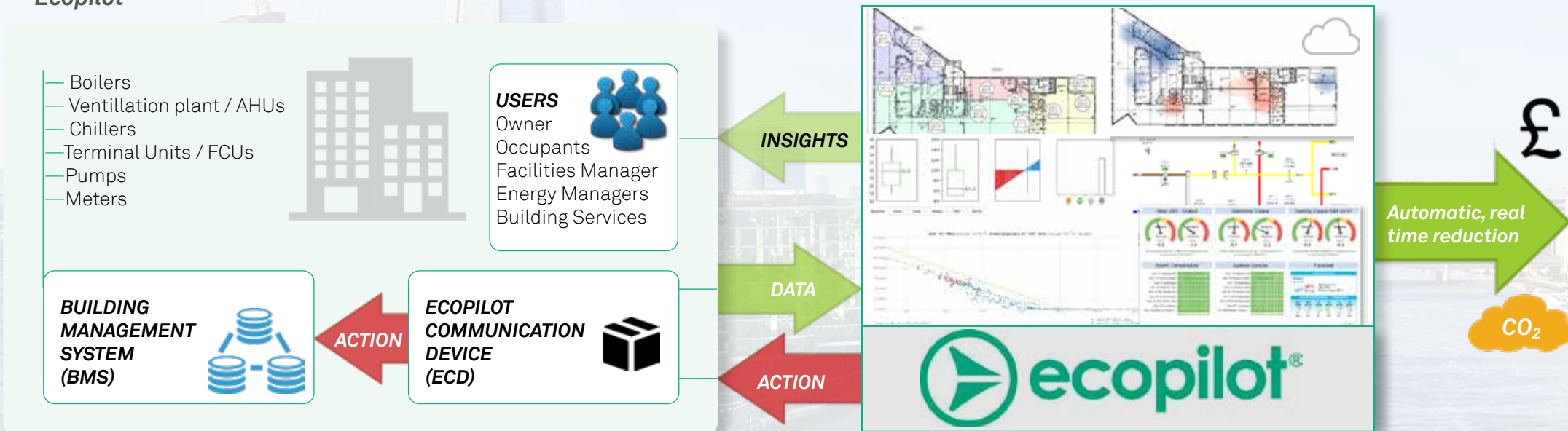
- Thermal mass exists in “all” structures, so why not use it?
- Internal loads generated by occupancy and office equipment, can and should be utilised.
- Improve your office climate & reduce complaints.
- Reduce CO₂ emissions.
- Reduce energy costs .

WHERE DOES ECOPILOT FIT INTO YOUR CURRENT SYSTEM(S)?

Analytics Tool



Ecopilot



FUNCTIONAL COMPARISON OF ECOPILOT AND OTHER BUILDING CONTROL / ENERGY EFFICIENCY SYSTEMS

	CONTROL SYSTEMS		ENERGY EFFICIENCY SYSTEMS				
Functions	BMS	SCADA	Weather compensator	System monitoring	Optimiser (UK market)	Ecopilot	Energy statistics program
Monitoring real estate portfolio heating, ventilation, cooling, fire, electricity (elevators, lighting)	N	Y	N	N	N	N	N
Monitoring heating, ventilation, cooling, fire, electricity (elevators, lighting)	Y	Y	N	Y (Parts of the systems)	N	N	N
Alarms, faults in the technical systems	Y	Y	N	N	N	N	N
Manages thermal storage based on indoor climate	N	N	N	N	N	Y	N
Coordinates the installed systems dynamically over time	Manual	Manual	N	N	N	Y	N
Weather Compensates	N	N	Y (heating only)	N (Analysis)	N	Y (entire building)	N
Controls power and cuts the power peaks	N	N	Y (by outdoor temperature)	N	Y	Y	N
Control over the spot price of electricity	N	N	N	N	N	Y	N
Alarm at higher energy consumption than expected	N	N	N	N	N	Y	Y
Need for manual work to optimise energy use	High	High	Low	Average	Low**	Automated	High
Reports	Y (Operating status)	Y (Operating status)	Y (Only heating)	Y	N	Y*	Y (Energy consumption and enviromental impact CO2)
Payback	Technical maintenance	Technical maintenance	Few years	Depending on amount of manual work	Months	Few years	Depending on amount of manual work

* The system is automated and works 24/7 to tune the system to maintain the desired indoor climate at the lowest energy cost as possible. The system also points to faults in the building that need attention

** Savings based on on/off functions and no consideration is taken of the indoor climate.