

Autonomous Yard Operations

ECG Conference 2021

Sustainability in Compound Operations





ONE DAY, VISITING A PRODUCTION FACILITY IN THE UK

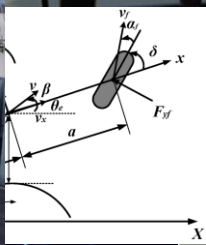
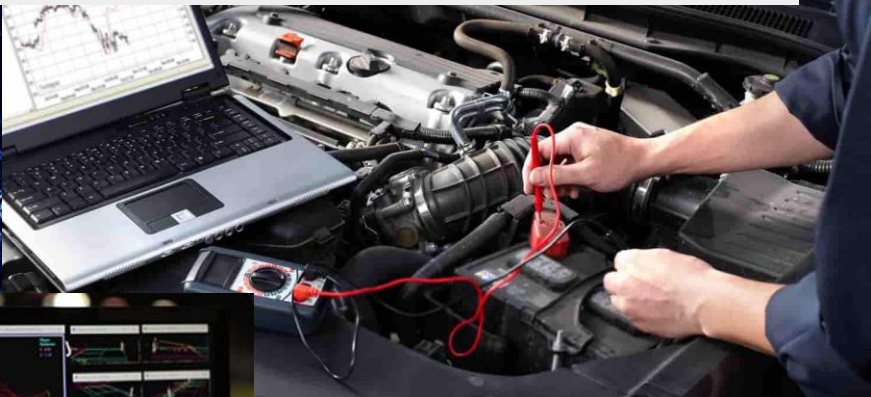


ONE DAY, VISITING A PRODUCTION FACILITY IN THE UK



WE GOT TO WORK ON DEVELOPING A NEW SOLUTION

The collage features several elements: a large text overlay at the top; a background of blue digital code; a person working on a car engine with a laptop; a group photo of the team; and a diagram of a vehicle's motion.

[illegible]

**WE SHOWED WE COULD OPTIMISE, AND THUS
INCREASE, AIRPORTS' EFFECTIVE PARKING SPACE**



**LYON
AÉROPORT**

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WHAT IS ON THE ROAD TO MORE SUSTAINABLE COMPOUND OPERATIONS?



**CAR MOVEMENTS' EMISSIONS ARE REDUCED, THUS
INCREASING SUSTAINABILITY IN THE COMPOUND**





**WHAT IS ON THE ROAD TO MORE
SUSTAINABLE COMPOUND OPERATIONS?**

AND WHAT ELSE?

ENERGY MANAGEMENT



RECYCLING & REFURBISHING



BEHAVIOURS ARE CHANGING, IN/OUT FLOWS TOO



EVOLVING LOGISTICS REQUIRE INCREASED LEVELS OF STANDARDISATION AND END-TO-END TRACEABILITY



**AUTOMATION IMPROVES PRODUCTIVITY, REDUCES
IDLE TIME AND DAMAGES, WHILE FREEING LABOUR**

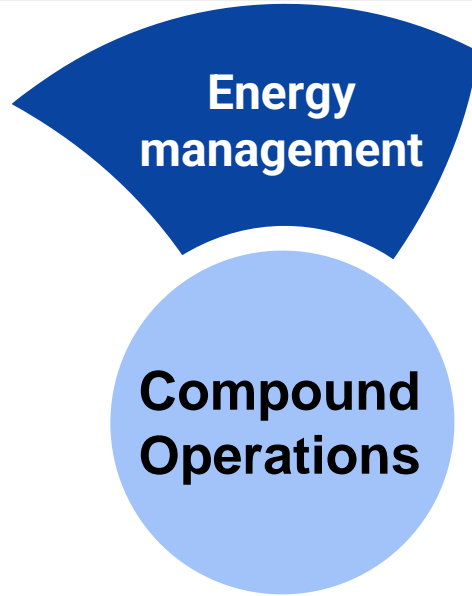


THE ROAD TO SUSTAINABILITY: NEW OPPORTUNITIES IN FIVE MAIN AREAS

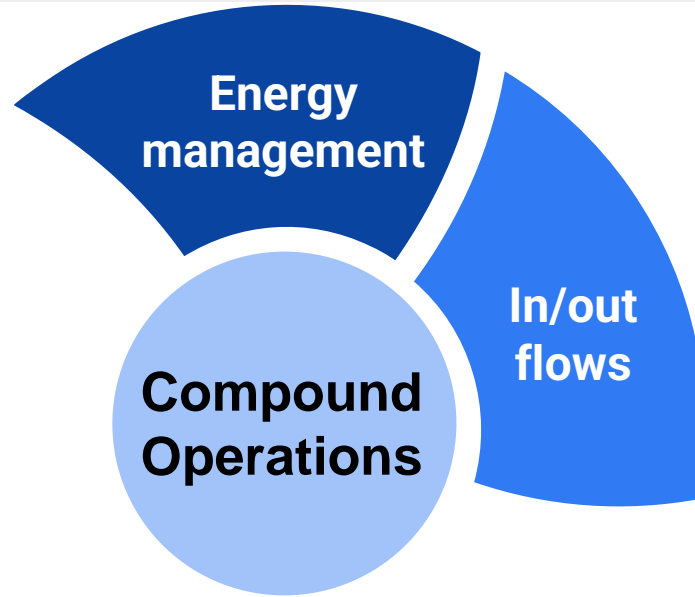


**Compound
Operations**

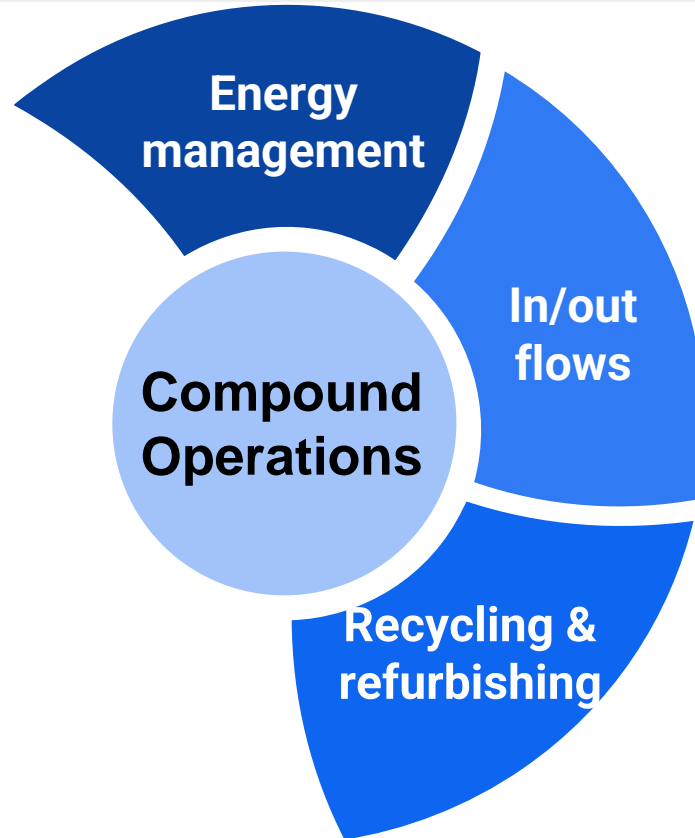
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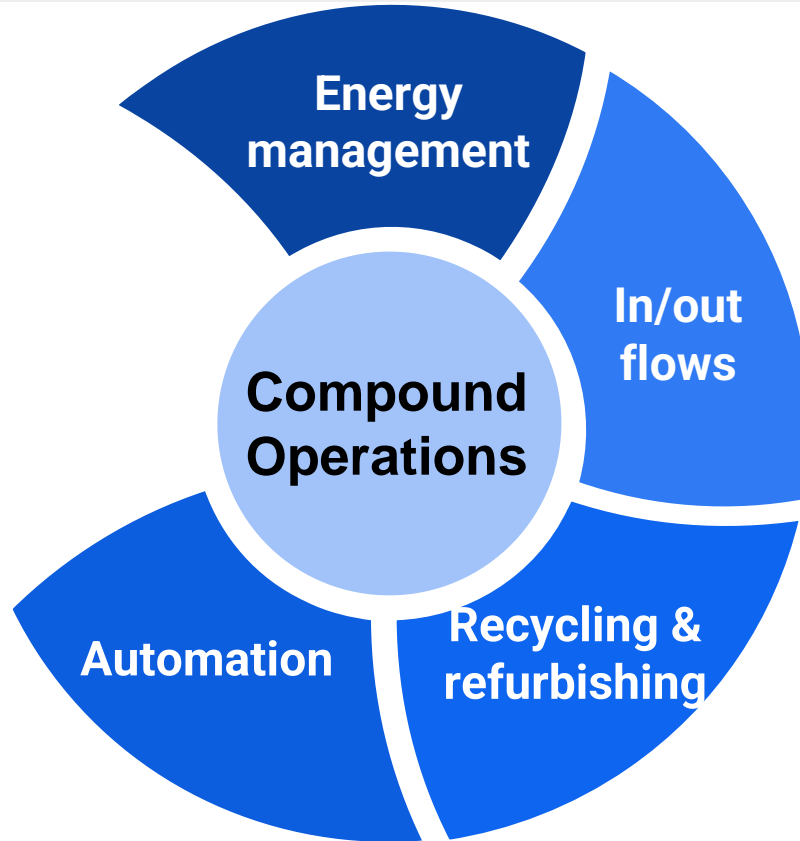
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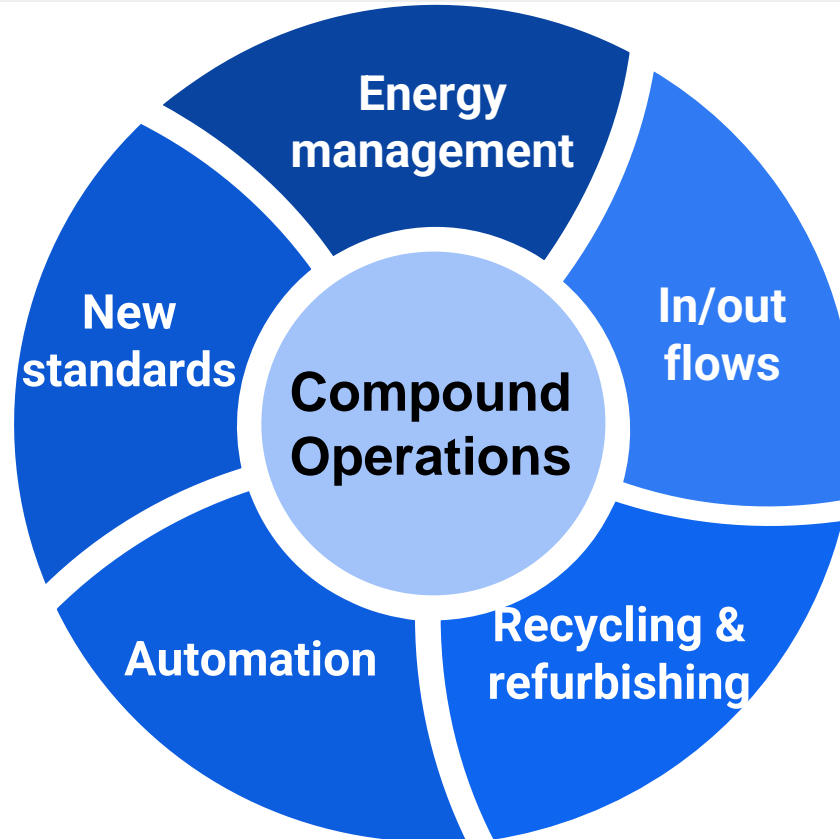
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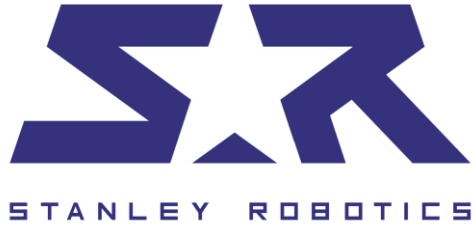




OUR SOLUTIONS ARE TAILOR-MADE TO SUPPORT THE EVOLUTIONS IN COMPOUND OPERATIONS



- 24/7 in & out flow management
- Reconfigure on the fly
- Full parking traceability
- Optimise space
- Sustainable movements
- Free up staff time for new services



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