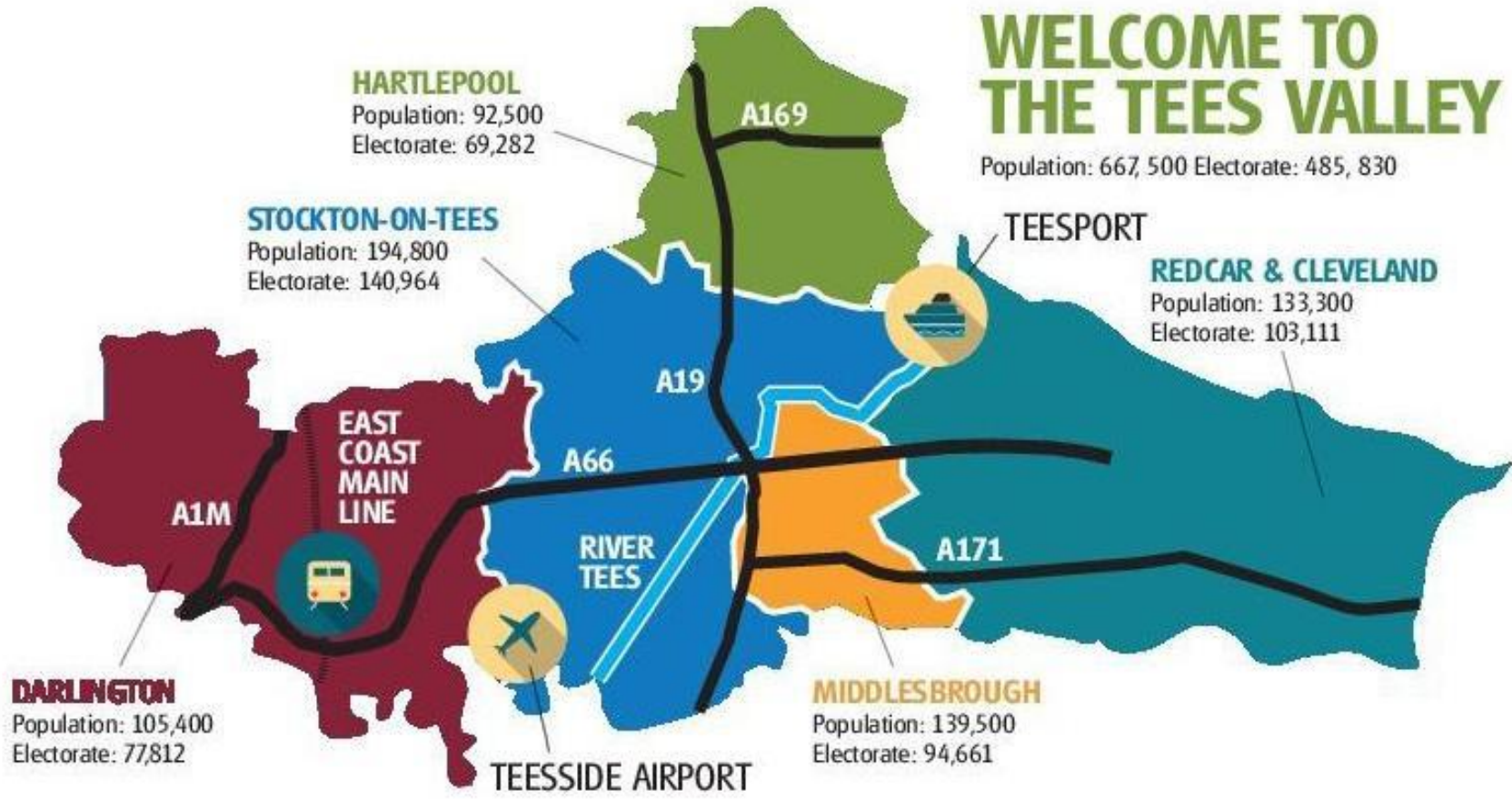


A photograph of the Stockton-on-Tees Borough Council building, a modern structure with brick and concrete elements, set against a clear blue sky. The building features large glass windows and a covered entrance area supported by columns. In the foreground, there are green plants and a paved walkway.

Stockton-on-Tees Borough Council

How reducing cremator costs and carbon emissions has led to increased staff skills – Tuesday 20th June 23

Stockton-on-Tees Borough Council



Stockton-on-Tees Crematorium

STOCKTON-ON-TEES CREMATORIUM



Making Changes!

Why we looked at fuel usage

- Cost of living increase – gas prices!
- Continuous Improvement
- LEAN Philosophy – eliminate waste

8 Types of Waste

- | | |
|-------------------------|-------------------------------|
| T Transportation | W Waiting |
| I Inventory | O Overprocessing |
| M Motion | O Overproduction |
| | D Defects |
| | S Skills Underutilized |

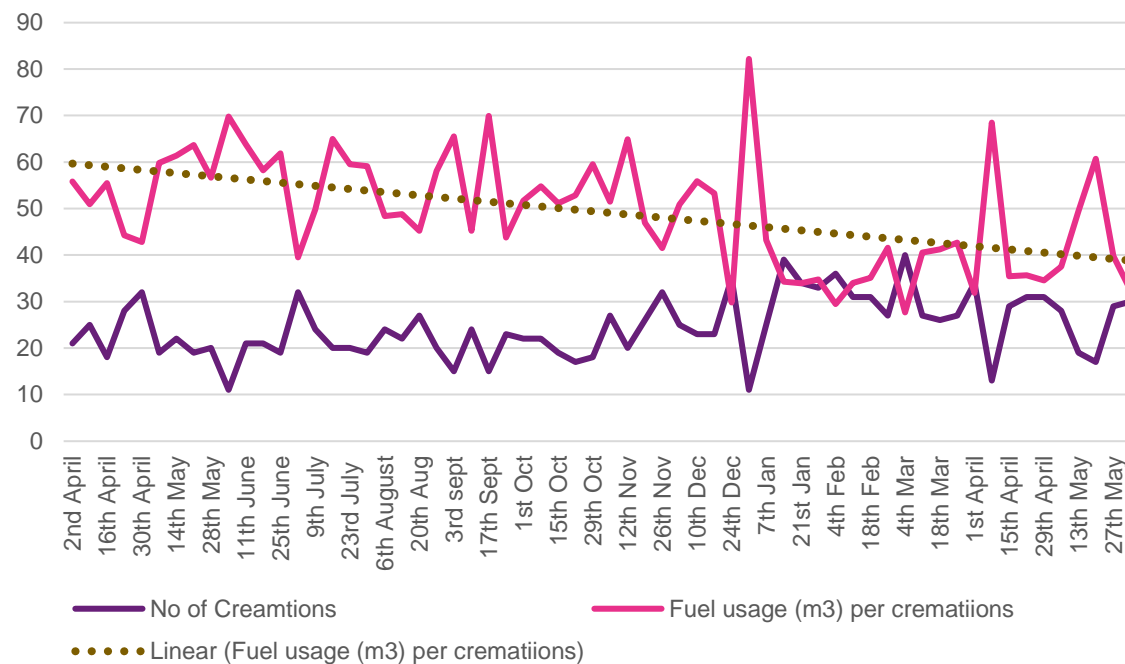


How we looked at fuel usage

What we found

- Reports from FT3 machine
- Put in excel and mapped results
- Reduced fuel usage over time
- But how??

Gas Usage



Reducing fuel usage

How we did it

- Tried different methods
 - Stayed as we were **X**
 - Used one machine **X**
 - Planned day to minimise standing time ✓
- Met once a week to review



Planning our days

Scheduling

- Look at bookings
- Technicians work out a schedule to maximise fuel usage
- Reduced standing time between cremations to a minimum
- Don't hold over

DAY: WED				
TIME OF SERVICE	EXP/CHARGE TIME	CREM No.	NOTES	ACTUAL TIME
09:30 AM	10:30 AM – 12:00PM	1	DELAY START WILLOW COFFIN	10:35 AM – 12:00 PM
10:00 AM	11:00 AM – 12:30 PM	2	DELAY START	11:10 AM – 1:05 PM
11:00 AM	12:00 PM – 1:30PM	1		12:05 PM – 1:25 PM
12:00 PM	12:30 PM – 2:00 PM	2		1:10 PM – 3:15 PM
1:00 PM	1:30 PM – 3:00 PM	1	WITNESS CHARGE	1:40 PM – 3:24 PM
1:30 PM	2:00 PM – 3:30 PM	2		3:15 PM – 4:35 PM
2:30 PM	3:00 PM – 4:30 PM	1		3:35 PM – 5:05 PM
3:30 PM	4:00 PM -5:30 PM	2		4:40 PM – 5:45 PM

CPD

Toolbox Talks – short sessions

Toolbox talks for Crematory Technicians

- 2 Full time technicians
- 6 Team Members who are qualified Crematory Technicians

Aim is to keep up skills, knowledge and confidence for all qualified technicians

Similar short sessions extended to chapel duties and all aspects of the bereavement team



Summary

What we have achieved

- Reduced gas usage due to decrease in time machines are switched on unnecessarily
- Average gas usage reduced from 60m³ to 40m³ per cremation
 - (Pre Heat fuel + Cremation fuel + Standing fuel / number of cremations)
- Structured days means more time for personal and team development
- Increased resilience and confidence among team



Thank you and any questions?

Our doors are always open

