NOx Reduction in Engines using a Turbo-Expander

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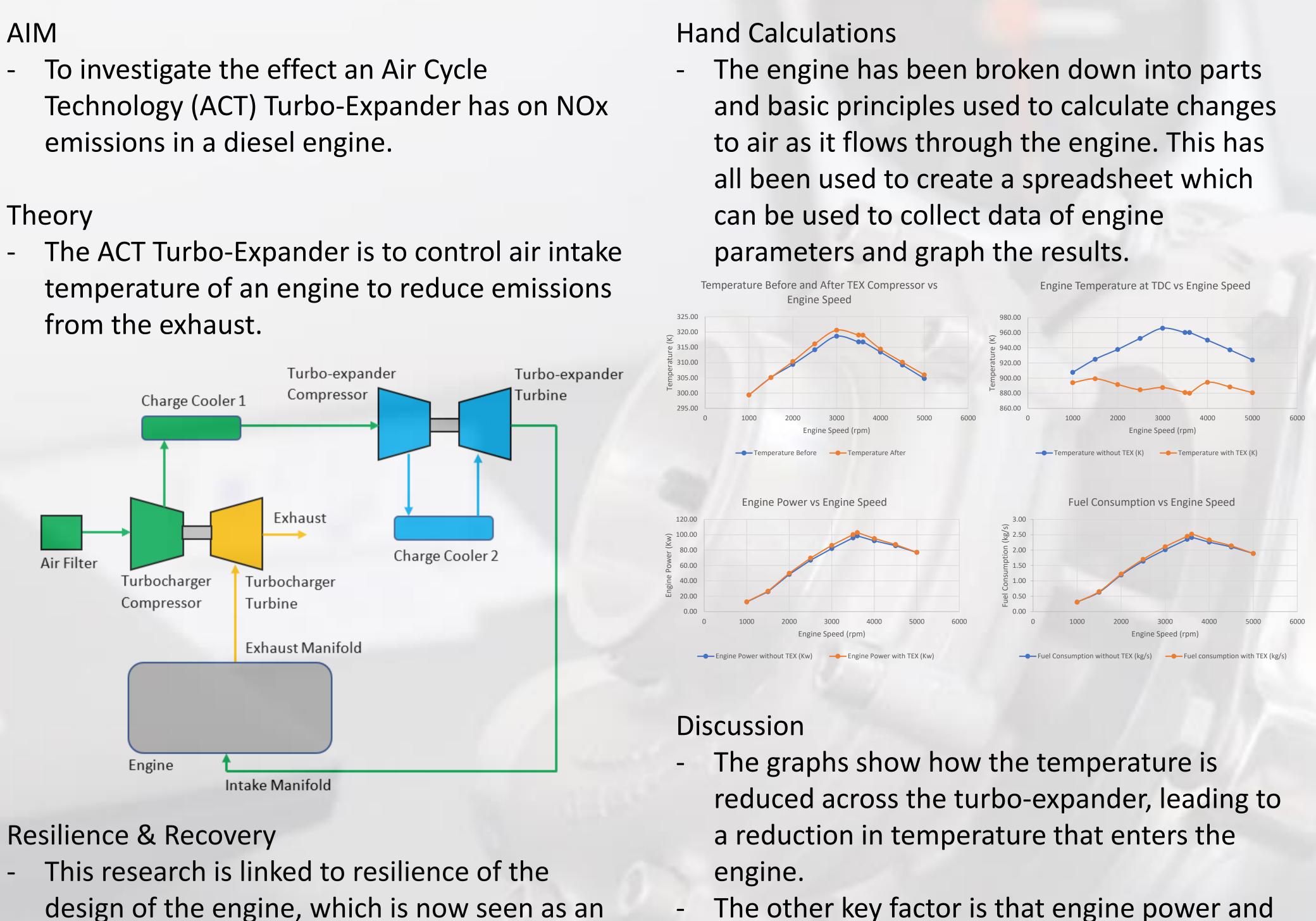
unclean source of transportation, the turbo-

expander will allow this image to be reversed

recovered so it can be used in a clean manner.

and the public perception of the engine be

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Next Steps

Heat Exchange

(WCAC)

The other key factor is that engine power and fuel consumption are relatively unaffected due to the air density remaining similar.

Once the turbo-expander operational range is understood from the test rig it can be fitted to the test engine, a Ford 1.5 ltr diesel engine. This will allow the behaviour of the turboexpander to be verified against the hand calculations and the data from the test rig.



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In order to validate that the turbo-expander a test rig has been constructed which will allow the air parameters to be monitored before and after the turbo-expander.

