
Sent: Saturday, 14 June 2008 12:52
To: White Paper
Subject: SEC: UNCLASSIFIED WWW enquiry: Submission: 9. Science & Technology

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Submission: Cost of running a Military on Fuel.

We have serious issues which will start to occur soon with the cost of fuel, how does Defence continue to pay the inflated cost of fuel for the running of its equipment? Its time DMO and DSTO started to look at hybrid combat vehicle technology, i.e. we have an 8 cylinder vehicle that can drive at a 100 km an hour however when it is driving thru town at 40 km an hour it is a waste. Use of new technologies that car manufactures are now implementing into new vehicles to save fuel by switching off half the engine when not required, and battery technology, i.e. Toyota Prius and the like could very easily be implemented into a new/next generation combat vehicle or patrol boat. The savings on fuel cost would be immense. Currently Defence has put out to tender a request to replace its vehicle fleet, however no thought was put into hybrid technology for the vehicles, additionally to that the government has offered Toyota a sizeable amount of money to build a hybrid car plant here in Australia, however Toyota says they do not know what to do with the money as the plant is already there and will use existing vehicles and add the hybrid engine, why doesn't Australian Defence Industries, request a chunk of that money take it away to there bushmaster factory and build a hybrid truck based on the platform they already have there, the technology could then be sold back to commercial companies or alternatively build a commercial truck and sell it in the market place and take a share of the growing industry.

I agree to my submission being published on the Defence website

I agree to my submission being quoted in the Community Consultation Report