

NEW CBA For 2015-16 PROJECT

Cost Benefit Analysis

This cost benefit analysis for the elogbook project has been prepared based on estimated implementation costs and estimated savings, with the number of fleet vehicles in use in 2015-16 establishing the base volume. This analysis assumes a potential reduction in the number of fleet vehicles based on a conservative extrapolation of the results from other Australian Government agencies (implementing the same technology), over a 5 year term. GPS devices are an operational cost, charged via the current sgFleet arrangement. Replacement vehicles will include the installation of elogbook units. This Cost Benefit Analysis assumes no material change to department operations up to 2020-21.

Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Implementation costs						
Project CAPEX costs						
Project OPEX costs	\$ 71,878	\$ 30,782				
Ongoing costs						
- Service fee for GPS devices	\$ 23,434	\$ 352,200	\$ 387,600	\$ 367,200	\$ 346,800	\$ 326,400
- Depreciation						
- Expense sub-total	\$ 95,312	\$ 382,982	\$ 387,600	\$ 367,200	\$ 346,800	\$ 326,400
Ongoing Savings						
- potential reduction in fleet vehicles	\$ -	\$ -	\$ 248,544	\$ 455,664	\$ 662,784	\$ 869,904
- manual completion of log sheets by drivers	\$ 9,409	\$ 271,814	\$ 365,817	\$ 366,949	\$ 365,817	\$ 362,419
- Ensure log sheets completed correctly		\$ 3,659	\$ 3,659	\$ 3,659	\$ 3,659	\$ 3,659
- TRIMing private usage log sheets		\$ 3,659	\$ 3,659	\$ 3,659	\$ 3,659	\$ 3,659
- Follow up on logsheets		\$ 10,977	\$ 10,977	\$ 10,977	\$ 10,977	\$ 10,977
- Collating fleet log sheets		\$ 14,636	\$ 14,636	\$ 14,636	\$ 14,636	\$ 14,636
- collating private usage - FMT		\$ 1,045	\$ 1,045	\$ 1,045	\$ 1,045	\$ 1,045
- Savings sub-total	\$ 9,409	\$ 305,790	\$ 648,337	\$ 856,589	\$ 1,062,577	\$ 1,266,299
Net savings Total	-\$ 85,903	-\$ 77,192	\$ 260,737	\$ 489,389	\$ 715,777	\$ 939,899
Cumulative Savings	-\$ 85,903	-\$ 163,095	\$ 97,642	\$ 587,031	\$ 1,302,808	\$ 2,242,708