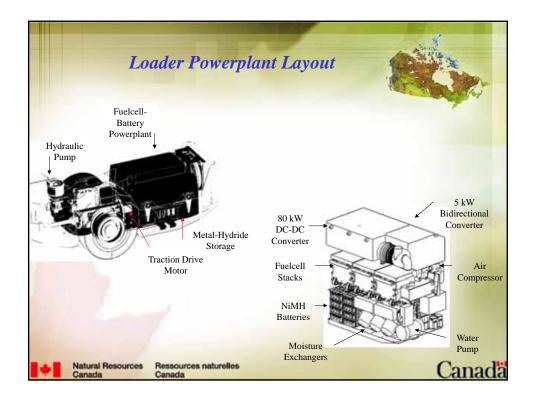
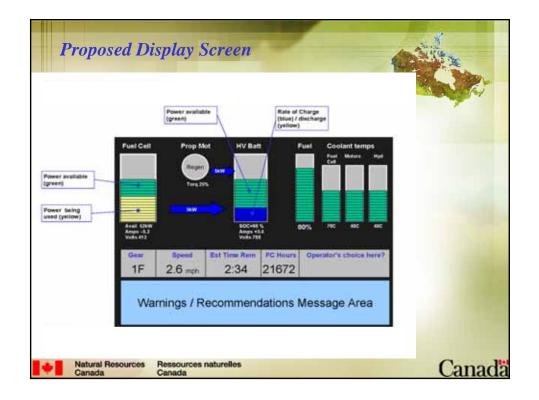


	ost-benefit analysis 2002-03				
		Louvicourt Mine	LaRonde Mine	Doyon Mine	A STATE OF THE STA
Active LHD's		6	17	18	
Maintenance, fuel, cooling, manpower Ventilation	Diesel Fuelcell	\$1,318,310 \$1,501,280	\$2,037,100 \$1,962,870	\$2,391,770 \$2,585,950	
	Benefit Diesel	(\$182,970) \$1,081,727	\$74,230 \$2,792,036	(\$194,180) \$1,595,176	
	Fuelcell Benefit	\$808,796 \$272.931	\$2,054,690 \$737,346	\$1,171,706 \$423,470	
TOTAL	Diesel Fuelcell	\$2,400,037 \$2,310,076	\$4,829,136 \$4,017,560	\$3,986,946 \$3,757,656	
	Benefit (%)	\$89,961 4%	\$811,576 17%	\$229,290 6%	
		McCreedy East Mine	Creighton Mine	Copper Cliff North Mine	
Active LHD's		6	17	7	
Maintenance, fuel, cooling, manpower	Diesel Fuelcell	\$7,183,000 \$7,085,910	\$321,200* \$618,080	\$1,814,560 \$2,030,740	
	Benefit	\$97,090	(\$296,880)	(\$216,180)	
Ventilation	Diesel Fuelcell	\$3,375,023 \$2,186,441	\$3,120,304 \$1,935,862	N/A N/A	
	Benefit	\$1,188,582	\$1,184,442	N/A	
TOTAL	Diesel	\$10,558,023	\$3,441,504	N/A	
	Fuelcell	\$9,272,351	\$2,553,942	N/A	
	Benefit (%)	\$1,285,672	\$887,562 26%	N/A	



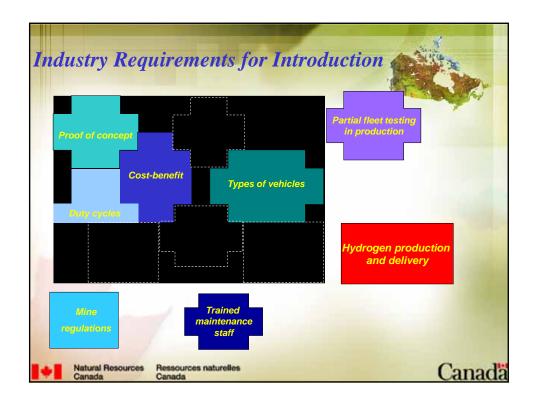












Timeline	
2000-2005	Demonstrator projects finished
2002-2005	Establishing hydrogen production and delivery protocols
2006=>	Retrofit of some diesel equipment
2007-2008 ==>	Partial fleet dedication to fuel cells
2008 ==>	New fuel cell vehicles generation designed and manufactured
2009	Major fleet changeover Canada

