Hydrogen

(38) The Committee recommends that an energy system based upon hydrogen and electricity as the principal energy currencies be adopted by the Government of Canada as a long-term policy objective.
(p. 188)

(39) The Committee believes that hydrogen will be an important element of Canada's future energy system and recommends that we begin now to develop the technology and infrastructure for hydrogen production, distribution and use.
(p. 188)

(40) The Committee agrees that the early demonstration of a hydrogen-based urban transportation system is required in Canada and recommends that research into this use of hydrogen be supported with the aim of rapid commercialization.
(p. 188)

(41) The Committee recommends that the Federal Government be prepared to spend up to $1 billion over the next five years to foster the broad development of a hydrogen-based energy system and to establish Canada as a world leader in hydrogen technology.
(p. 189)

(42) The Committee recommends that a Commission, to be known as Hydrogen Canada, be established to act as the lead agency for hydrogen RD&D and commercialization in Canada. This Commission should report to the proposed Minister of State for Alternative Energy and Conservation.
(p. 189)

(43) The Committee recommends that the proposed Minister of State for Alternative Energy and Conservation begin a review of the progress and accomplishments of Hydrogen Canada after eighteen months, with the review to be completed within six months. A further review should be conducted after the fourth year of the program, with subsequent reviews to follow at five-year intervals.
(p. 190)

(44) The Committee recommends that the results of the periodic reviews of Hydrogen Canada's progress be tabled in Parliament within three months of their completion and, in the event that Parliament is not sitting at the time, the Minister be permitted to make them public.
(p. 190)

Propane

(45) Propane use should be encouraged in the short and medium terms for vehicle fleets refueled at central locations.
(p. 192)

Compressed Natural Gas

(46) The Committee recommends that compressed natural gas be encouraged for use as a fuel in large fleets of vehicles which travel limited distances and are fueled at central filling stations.
(p. 193)

Synthetic Gasoline

(47) Because synthetic gasoline does not reduce hydrocarbon usage and because its production is nonconserving in nature, the Committee recommends that the production of synthetic gasoline from fossil fuel resources should not be viewed as an alternative energy solution of major importance for the transportation sector.
(p. 194)