Israel's Security - Energy Policy
The power of oil is the source of Israel’s security problems

- Oil feeds the worldwide hate of Israel
- Oil prevents the economic developments and the democratization of the middle east
- Oil feeds radical Islam
- Oil finances the terror organizations
- Oil feeds the nuclear threat to Israel’s existence
Israel and Oil

- There will never be peace as long as oil finances its opponents
- Oil drives the largest portion of Israel’s budget (defense) and slows our economic development
- Israel is a pioneer in off oil policies (project better place)
- However, even if Israel will not use oil, it is meaningless in the global picture
Israel’s security = Eliminate the oil addiction

- The first strategic priority of Israel’s defense policy is to minimize the US dependency on oil.

- The second priority of Israel’s defense policy is to minimize the world dependency on oil.
Israel – oil detox policy

- Does Israel has a policy – no
- Has Israel done something – Almost none
- Does Israel wastes resources on other problems – yes

- Why Israel? Because we must (as soon as possible), we can, and oil does not carry political power like in the rest of the world
What is needed to end the oil addiction?

- Less than 2% of US electricity is produced from oil
- Transportation represents 70% of US oil consumption
- We need a transportation solution
The Electric Vehicle – the battery problem

- The main barrier for worldwide implementation – qualities, price, production capacity

- 1 PEHV = 1,000 PC Batteries
- 60 million cars per year = 60 billion PC batteries
- Electric car = 3,500 PC Batteries
Israel should establish a battery industry

- There are already a few research labs on the subject and also on materials, nano, chemistry and electromagnetism.
- There is a patent base
- There are three industrial production companies
- Israel is closer to Europe (vs. the far east)
- It is a strategic security and economic move
Oil addiction – the time element

- Every car stays on the road for 17 years
- The conversion to EV will take many years
- The world needs alternative fuels
Alternative fuels

- Israel needs to develop solutions for alternative fuels
  - Bio-diesel
  - Ethanol
  - Methanol
  - Other
- Israel has an R&D infrastructure and start-ups in the area
Recommendations – Budget

- Allocate 1% of the defense budget (125 million dollars a year) for the area

- Reach economic agreements with the US and/or NATO for increased funding
Recommendations – Research and Development

- Substantially increase the research budgets directed to oil replacement solutions
- Invest all “green research” budgets in oil replacement. Those who wish to work on global warming can raise money abroad
- A special student support program to encourage them to choose “oil solutions” career path
- A special program to encourage research for results – not for papers – use monetary rewards
Recommendations – Industry

- 0% tax for companies working on oil replacement solutions regardless of their location
- Tax exemptions for investors in such companies
- Chief Scientist financing of 80% without royalties
- 75% financing via the law for encouragement of capital investments regardless of location (in Israel)
Establish a battery industry

- “Force” a joint venture between to the possible parties by using economic incentives
- Recruit university labs on a full time basis for the project (no papers, no reserve duty)
The time has come to use the defense budget to solve the fundamental problem of Israel’s security – oil. It is the best investment for securing our existence.