Going Electric – Electric vehicles in Israel

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Why Israel?

A small state

An island state

Fossil fuel price - high price

An innovative state

Electricity price – low

Why Israel?
Electric Car Use by Country- 2018

- Norway: 49.10%
- Iceland: 19.00%
- Sweden: 6.50%
- Holland: 4.20%
- China: 4.20%
- Finland: 3.60%
- Portugal: 2.60%
- Britain: 2.50%
- Austria: 2.10%
- Belgium: 2.00%
- U.S.A.: 1.90%
- Denmark: 0.00%
- Germany: 0.00%
- Japan: 0.00%
- France: 0.00%
- Canada: 0.00%
- Switzerland: 0.00%
- Ireland: 0.00%
- New Zealand: 0.00%
- Israel: 0.00%

Norway leads in electric car use with 49.10%, followed by Iceland at 19.00%. The percentages for other countries are significantly lower.
Electric vehicle targets in Israel and forecasts around the world

Bloomberg (Europe)  
ING (Europe)  
Israel
Load positions – base line conditions for market creation

Barriers according to the level of frequency and importance (1-5) in the sample

- Charging time is too long
- National infrastructure is inadequate
- No where to charge
- Short driving ranges
- Unable to install a charging station in my home
- Battery life
- There are no charging positions in my workplace

Frequency

Importance
Establishing electric charging stations

- Closed 4 bid rounds for Charging Points support
- Overall around 2,500 sockets
- 111 DC 50/150 KW
- Municipalities - 731 sockets
- Semi-public – 812 sockets
- Employers – 940 sockets
Future steps

- Shifting the government’s fleets to electric vehicles
- Establishing an efficient permitting process
- Raising public awareness for EVs
- Examine hydrogen powered electric vehicles (including support for a refueling station)
- Support Battery and Fuel Cells research
- Analyze impact of EVs on grid, and define ways to allow EV charging smooth integration
Thank You !!