

Frisian Islands

Island Powered E Mobility

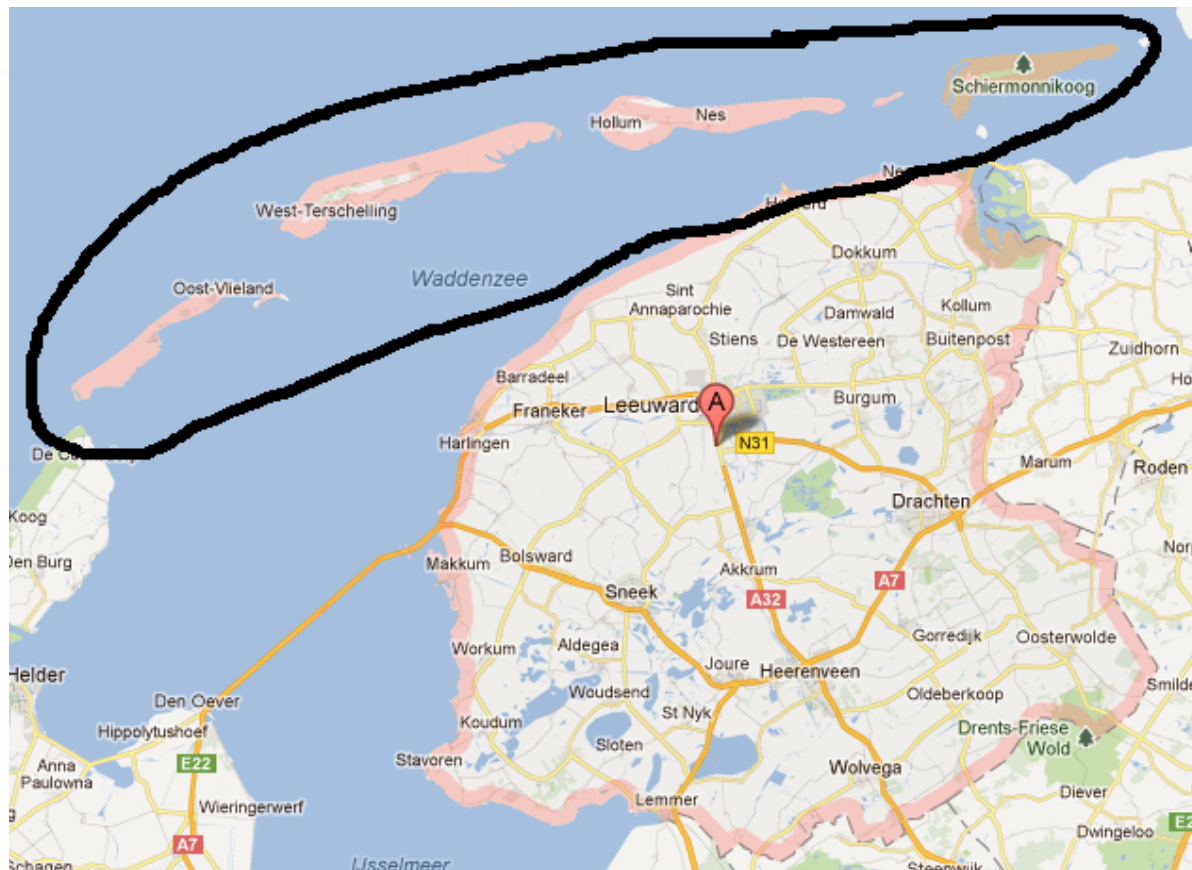


About Drive4Electric

- Public-private initiative
- Promotes electric transportation in the Dutch province of Fryslân
- Province of Fryslân is focal area for electrical transportation
- Leading role in electric boats

Frisian Islands

Vlieland, Terschelling, Ameland and Schiermonnikoog



Island Ambitions

- Provide in own renewable energy by 2020
- Reduce fuel consumption for transportation by promoting EV and biogas



Frisian Islands - Facts

Island	Area	Inhabitants	Visitors
Vlieland	36 km ²	1132	155,000
Terschelling	87 km ²	4708	400,000
Ameland	59 km ²	3488	520,000
Schiermonnikoog	41 km ²	950	300,000

Popular tourist destinations attracting over a million visitors per year

Vlieland and Schiermonnikoog have restricted access for motor vehicles

Islands ideal for EV

- Limited distances => no “range anxiety”
- Low speed limits
- Less fossil fuels need to be shipped in
- Potential for renewable energy generation
- Large number of mainland visitors can experience EV

Current E-Mobility

- Basic charging infrastructure in place
- Electrical luggage transport on Schiermonnikoog
- Electrical scooters for rent on Terschelling
- Several electric cars



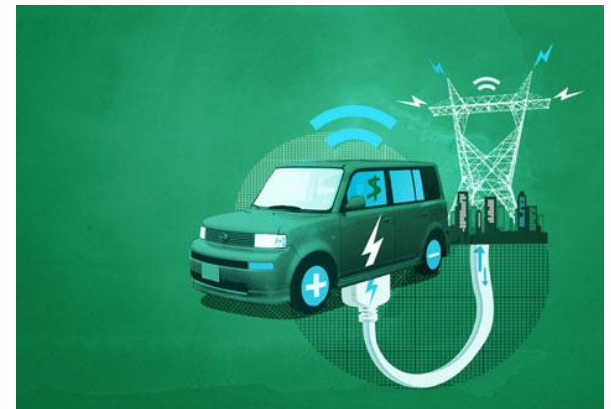
New E-mobility projects

- Electrical busses on Schiermonnikoog (operational Dec 2012)
- E-car rental program on Terschelling (operational June 2012)



Future outlook

- Electricity generation from renewable sources for all electric transport
- Scale up of e-car rental program
- Scale up of electrical public transport
- Smart grid integration



We are looking for

- Islands within the EU to share knowledge and experience
- Electric car rental/sharing expertise