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FROM THE NETHERLANDS, ELECTRIC SCOOTER REPLACES FIBERGLASS WITH ECO NFCs

 TRAVEL & TOURISM

The Be.e is an electric scooter that is demonstrating the possibility of creating robust vehicle frames out of organic materials.

Hungary's [Moveo](#) electric scooter has already tackled street clutter by allowing owners to fold them up into the size of a suitcase. Now the [Be.e](#) is another scooter that is demonstrating the possibility of creating robust vehicle frames out of organic materials.

The scooter was designed by Maarten Heijltjes and Simon Akkaya of the Netherlands' [Waarmakers](#) – the design company behind the [Goedzak](#), featured on Springwise earlier this year. The Be.e, created for automotive startup Van.Eko, uses natural fiber-reinforced composites (NFCs) made from plants such as Flax and Hemp as the basis of the vehicle's chassis. Since the material comes from plants, which take CO2 from the atmosphere, the method has a negative carbon footprint. However, the end result is a robust, longlasting frame for the scooter on which the company offers a four-year warranty.

The scooter offers an indication of the direction the automobile industry could follow if it is to reduce the adverse effects it has on the environment. Scooter manufacturers – could you follow suit?

Spotted by: Murray Orange

22nd August 2013

Website: www.vaneko.com

Contact: www.vaneko.com/contact

