

# DHL'S MISSION TO GOGREEN

In 2017 DHL committed to reduce all logistics-related emissions to net zero by 2050.

To help realise this vision, we have set interim goals. By 2025 we want to:

- 1. Increase our carbon efficiency by 50% compared to 2007 levels
- 2. Have more than 50% of our sales incorporate Green Solutions
- 3. Reduce local air pollution emissions by operating 70% of our own first and last mile services with clean pick-up and delivery solutions globally
- 4. Certify 80% of our employees as GoGreen specialists.









### TRAILAR is a key contributor to our GoGreen programme globally and in the UK:



"Our TRAILAR solution is a key contributor to our GoGreen program and takes us a big step forward towards our goal of becoming the zero-emissions logistics leader by 2050"

Thomas Ogilvie, DPDHL Group Board Member





Combining solar technology with commercial vehicles for greener future freight in London and beyond

Aaron Thomas - Co Founder & Managing Director



A company of

Deutsche Post DHL Group



Management program is the catalyst for green innovative idea



First transport solar solution prototype



Rise in popularity of solar technology and new applications



Deutsche Post DHL accelerates the idea to become a Ltd company

# Innovate a vehicle in 3 simple steps



## Step 2

Connect the matting to the Smart Charge Controller which monitors the electrical requirement. It then regulates and changes the energy transfer behaviour depending on the vehicle state





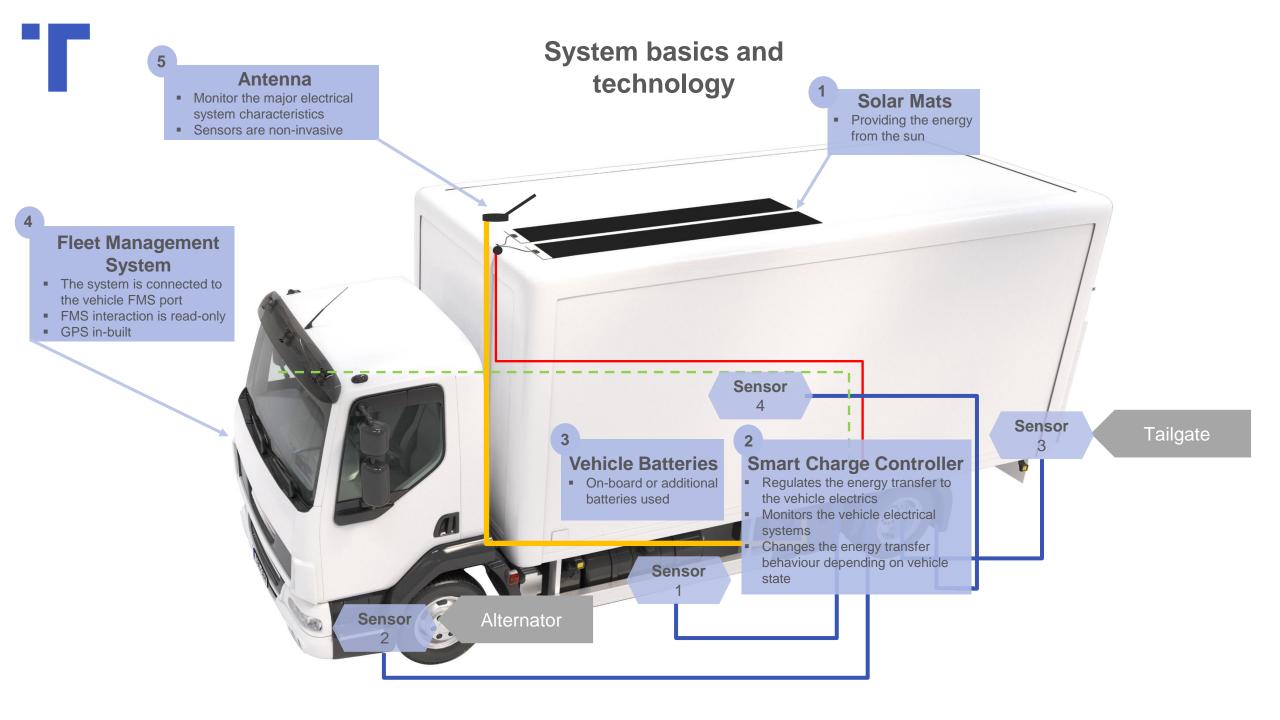
### Step 1

Apply ultra thin solar matting to the roof of a commercial vehicle



### Step 3

Fuel and maintenance spend are reduced. Vehicle becomes a more sustainable mode of transport





# Solutions that focus on Freight/Transport issues caused by the Pandemic and that can aid the future freight of London



### Rigid

- 850L P.A. fuel saving
- 2.5t CO<sub>2</sub> reduction P.A.
- Powers ancillary equipment



### **Trailer**

- 500L P.A. fuel saving
- 2.5t CO<sub>2</sub> reduction P.A.
- Trailers become electrically self-sufficient



### Fridge van

- 3.5t box or panel van
- 700L P.A. fuel saving
- 2.5t CO<sub>2</sub> reduction P.A.



### Bus

- Bus & Coach, single or double deck
- 2700L P.A. fuel saving
- 7t CO<sub>2</sub> reduction P.A.



### Refuse truck

- 2000L P.A. fuel saving
- 5.5t CO<sub>2</sub> reduction P.A



The **TRAILAR** system means that idling during tail lift use is no longer required



Trailers no longer require anderson leads as trailers become self-sufficient



Batteries last longer. Charges at a voltage and a current optimised for minimal battery wear and maximum charge capacity



VOR and call out times cab be reduced through predicative maintenance via operational insights (telematics)

















