



# Transport Technology Forum

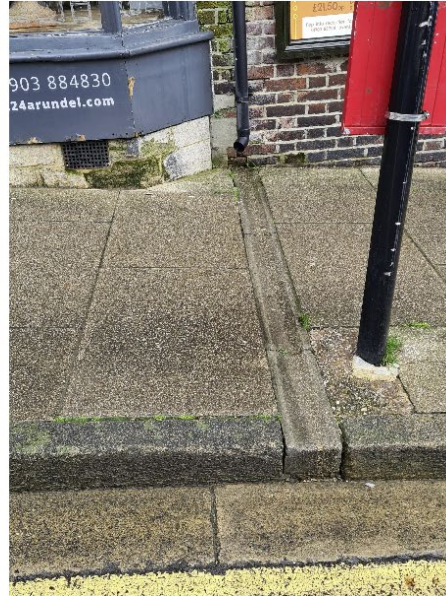
FEBRUARY 2024

# The on-street challenge



- ~8 million households don't have a driveway
- Public chargers are less practical and more expensive than home charging
- The current cross-pavement solutions are unsafe.

# Cable gullies



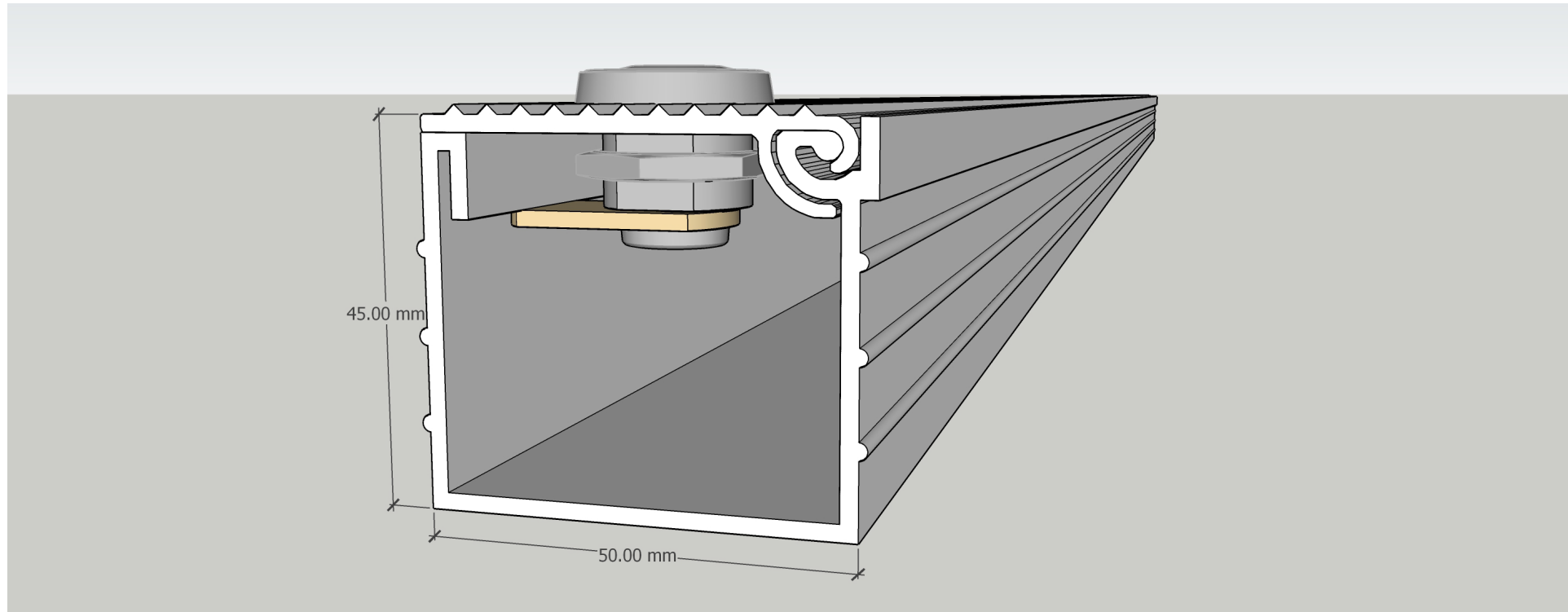
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# Charge Gully

Began in 2023 with the vision to:

"Bring the convenience and affordability of charging a car from home to all with the safest cable gully"

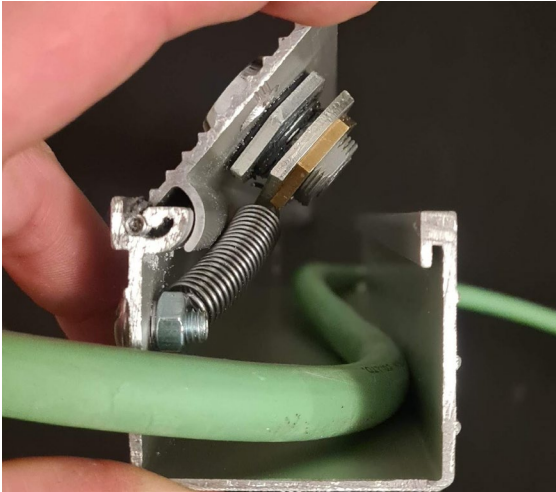


# The cable gully designed for public footway



Charge Gully™

**Self-shutting & anti-slip lid**



**Ultra shallow**



**Locking mechanism**



# What have people said about Charge Gully?



"There is a need for the proposed cable duct, and the product could have a worthwhile effect of enabling EV cars to be more accessible."

- September 2023



"Safety is at the core of Charge Gully's design. The cable gully features a secure locking mechanism that prevents unauthorised removal of the charging cable while a vehicle is left charging."

- September 2023



"The locking mechanism is welcome and simple."

- October 2023

# Certification and testing

## British Standard Compliant

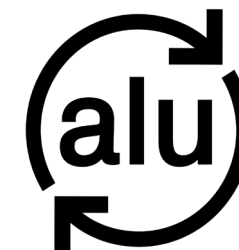


Passed A15 test and safe for a 10t load tested to BS EN 1433:2002 (British Standard for drainage channels for vehicular and pedestrian areas) in ISO 17025 UKAS accredited laboratory.

6063 T6 aluminium alloy compliant with BS EN 124-3:2015 (British Standard for gully tops and manhole tops) without need for additional corrosion protection.



100% designed and made in Britain in ISO 9001:2015 compliant factory.



We use the Hydro RESTORE aluminum range which contains pre-consumer scrap, post-consumer scrap and a small amount of primary aluminium to fine control the alloy composition and mechanical properties.

The gully can be entirely recycled at a fraction of the energy of the primary aluminium production process to avoid waste and create a circular economy.

# Progress so far



"Great product, great service - this has to be the future for so many electric vehicle owners."

13 September 2023

# Innovative tool for accessibility!

**No bending down (i.e.  
also suitable for  
wheelchairs users)**



**Tool prototype**

**Charge Gully  
lockable channel**

# Next steps

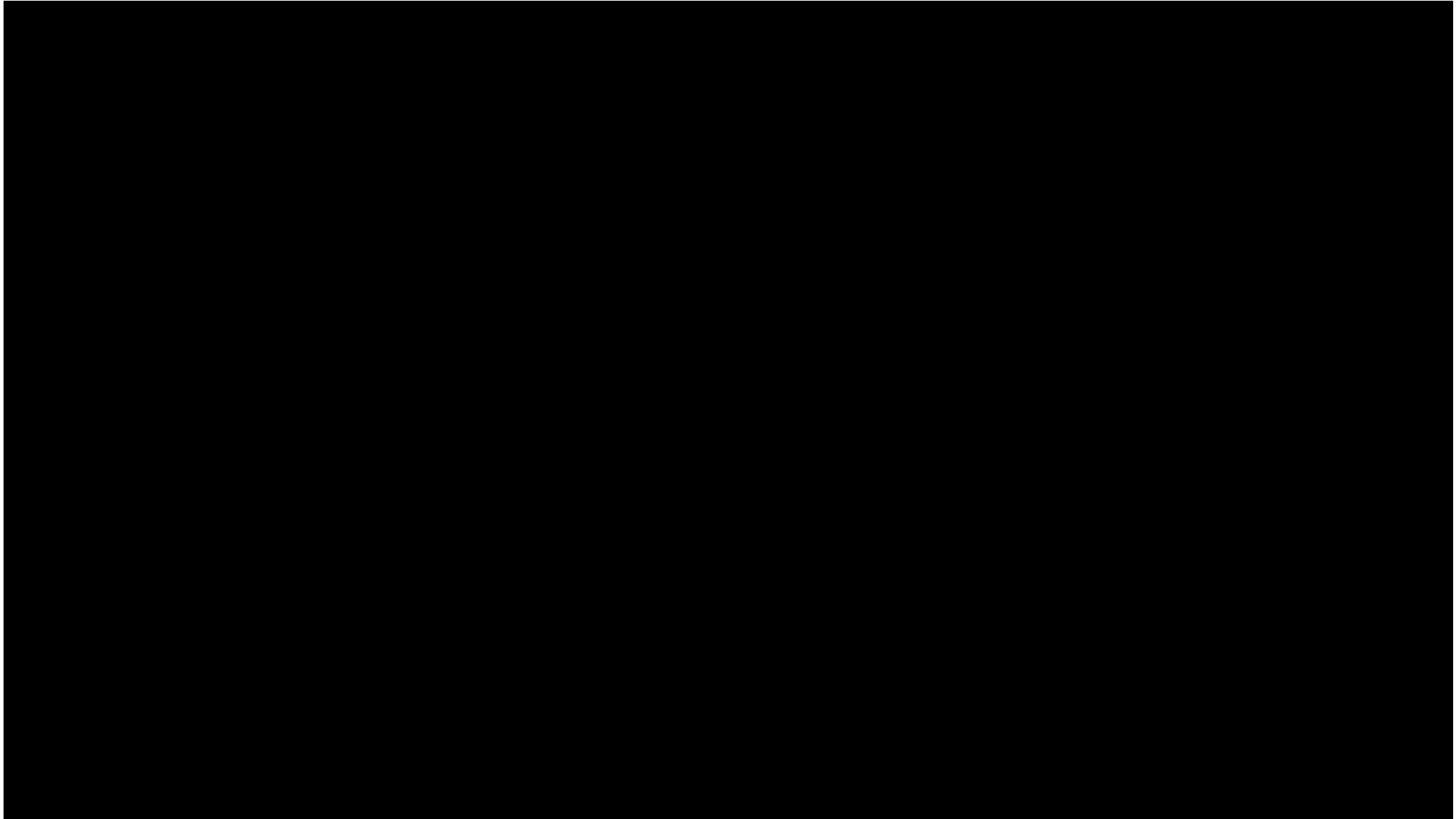


# How does it work?

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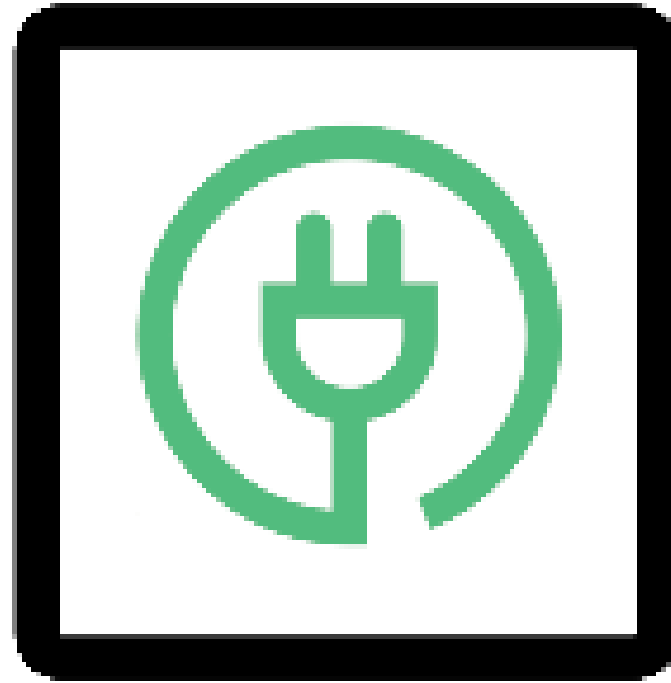


Charge Gully™



# Any questions?

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**Charge Gully<sup>TM</sup>**