

TfL Bus Safety Innovation Challenge – Reducing Bus Passenger Injuries



TRANSPORT
FOR LONDON



How might we...
**Reduce the number of
bus passenger injuries
resulting from slips,
trips, and falls?**



TfL is looking for innovations that can help support with the reduction of bus passenger injuries due to slips, trips, and falls.

Travelling by bus remains one of the safest surface transport modes in London. However, bus passenger risk of being killed or seriously injured (KSI) has remained relatively static since 2017 and worryingly spiked in 2022. To support with achieving Vision Zero TfL and further reducing any risk to our passengers TfL is looking to find novel or innovative solutions to the above problem statement that have not previously been trialled in London.

For this Innovation Challenge the focus areas are:

- Risk posed to unseated passengers
- Risk posed to passengers moving around the vehicle while it is in motion
- Risk posed to passengers on the stairs of a double-decker bus
- Incidents involving a pushchair or pram

It is important that solutions are:

- New to TfL and not already covered by ongoing projects ([see here for current projects](#))

Bus occupant KSI's in 2022 show an increase of 27% versus pre-pandemic figures