



Department
for Transport



Transport Research and Innovation Grants

ACCESSIBILITY

Department for Transport

Accessibility Transport Research and Innovation Grants Programme (TRIG: Accessibility) 2021

Cohort Brochure

Delivered by

CATAPULT
Connected Places

The Connected Places Catapult is proud to be delivering the Department for Transport's 2021 Accessibility Transport Research and Innovation Grants Programme (TRIG: Accessibility).

This programme has been developed to make our transport systems more inclusive, removing the barriers that prevent disabled passengers from travelling confidently, safely and with ease.

This funding will form a steppingstone towards advancing promising new products and services that have the potential to significantly improve access to transport services while increasing passenger confidence.



Accessibility Transport Research and Innovation Grants Programme 2021 Recipients



www.briteyellow.com



www.chromeangel.co

Ostrum Tech

www.ostrumtech.com



www.sightcall.com



yousmarthing.com/uk/



Transport Research and Innovation Grants
ACCESSIBILITY
Department for Transport

<p>Briteyellow</p> 	<p>BriteWay - journey planning and station navigation system for impaired passengers</p>	<p>BriteWay is a connected passenger guidance system that will enhance passenger experience and journey planning within stations and intermodal transport hubs, for impaired passengers as a focus. Built on a new digital twin model of stations, and end-to-end passenger routing solution, BriteWay saves time and reduces stress for passengers through virtual guides for pre-destination decisions and journey planning. Ultra-precision, augmented reality wayfinding coupled with intelligent routing options for passengers to avoid crowded areas of stations and navigate in the most appropriate way.</p>
<p>Chrome Angel Solutions</p> 	<p>Accessible Travel Virtual Reality Simulation for Passengers</p>	<p>Applying proven technology, and “Serious Game” approaches increasingly used in other industries, this VR simulation will provide an immersive interactive learning experience available on passenger devices that will directly support disabled people in the UK to better access travel on Northern Trains. Realistic Virtual Reality will enable passengers to experience their journey, and the accessibility support arrangements available in advance of travel, providing clear information in a safe environment that all passengers can access, and understand whilst building familiarity and confidence to travel.</p>
<p>Ostrum Tech</p> 	<p>Purple Flow platform for disabled air travellers</p>	<p>Currently, due to the legacy platforms and the fragmentation of the parties involved in providing the service, there is a big gap between what the passengers want and what the service providers are able to deliver. The experience of disabled and older passengers at the airport is poor, and they deserve a better experience. The Purple Flow project will address this gap by deploying a new digital platform which will transform the way PRM (Passengers of Reduced Mobility) operators function within the airport, and communicate with the passengers.</p>
<p>Sight Call</p> 	<p>TravelAssist</p>	<p>The TravelAssist project will bring together two existing technology platforms, and the knowledge and experience of TfGM (Transport for Greater Manchester) to deliver a complete travel assistance service. Currently, 40% of disabled people experience issues when travelling by train in the UK. In addition, assistance needs to be booked in advance and relies on the ability of station staff, removing an element of personal control, and spontaneity of the journey. This project will deliver an ad-hoc, real-time travel assistance service which empowers disabled travellers, opening up the freedom and benefits of public transport.</p>
<p>You Smart Thing</p> 	<p>Travability</p>	<p>Travability aims to increase the use of public transport modes by disabled people, especially when faced with undertaking journeys involving multiple operators. It addresses the complex challenges of integrating assistance support services offered by different and disconnected transport providers, which undermine the experience of disabled customers attempting to complete multi-modal journeys.</p>



If you are interested in finding out more information about the grants or have any queries,
please contact us by emailing:
Info@cp.catapult.org.uk



Transport Research and Innovation Grants
ACCESSIBILITY
Department for Transport

