



Making Roads Safer

21 Completed Projects

since the Trust started its grant-giving activities



Making Roads Safer



Making Roads Safer For...
All Road Users

The management of occupational road risk: emerging issues for policy and practice in a changing economy - A survey of grey fleet and gig economy drivers, riders and their managers

University College London

£24,293 awarded

Outputs and Outcomes – difference made by RST funding

A research report on road risk and its management in the 'gig economy'.

A number of policy and practice leads are being followed up, these include the recommendation for there to be a parliamentary inquiry into road safety and the 'gig economy'. The report has been circulated to key stakeholders and was presented at a PACTS conference on Work Related Road Safety. We continue to look at ways for the recommendations to be taken forward.

All reports available on the Road Safety Trust website at www.roadsafetytrust.org.uk



Making Roads Safer For...
All Road Users

Promoting Safety for Vulnerable Road Users: Assessing the Investigation and Enforcement of Endangerment Offences

University of Leicester

£45,138 awarded

Outputs and Outcomes – difference made by RST funding

A report examining current practice around the enforcement of endangerment offences – dangerous driving, careless driving and using a mobile phone whilst driving. A video and podcast.

The report contains a set of recommendations for policy and practice and has been disseminated widely. Feedback from adoption of good practice identified through the report. The report was submitted as evidence as part of the House of Commons Transport Committee inquiry into road safety and active travel.



Making Roads Safer For...
All Road Users

Strengthening the evidence base for effective pursuit management and decision making for police officers and staff managing public safety and policing of the roads

Mayor's Office for Policing and Crime and UCL

£27,724 awarded

Outputs and Outcomes – difference made by RST funding

A report providing comparative analysis of MPS and national pursuit data (2016-2019) and 30 in-depth qualitative interviews among drivers, control staff, tactical advisors and strategic stakeholders to explore factors which generate pursuits and influence their subsequent safety.

A summary of the international literature on the factors influencing pursuits and their outcomes, pursuit management policy and alternative approaches. A paper has been submitted for review to the Journal of Safety Science.

The MPS Strategic Pursuit Group and National Pursuit Group have used the report's findings to analyse the reasons for pursuits and how they are resourced. The report has also led to some updates to data collection processes and guidance for officers.



Making Roads Safer For...
Drivers

Assessing the potential of driver awareness and emotional regulation training in improving road safety

Nottingham Trent University

£98,604 awarded

Outputs and Outcomes – difference made by RST funding

A research report suggesting that a mindfulness-training intervention can produce safety-related improvements in driving in laboratory and on-road measures. These include positive effects on driving-related anger, speed variance, hazard perception and mind wandering. NTU has also produced 8 short video versions of the mindfulness lectures which can be used as training tools.

The project has generated considerable interest and has been presented at the Traffic Psychology International conference and at the NDORS' Instructor Training in October 2019. Journal articles are being prepared on the findings.





Making Roads Safer For...

Bus Passengers

Research into the Safety of London Bus Passengers

London TravelWatch and Loughborough University

£36,500 awarded

Outputs and Outcomes – difference made by RST funding

A report and two stakeholder workshops.

The project report identified key areas that can be addressed to help reduce bus passenger injuries in the short term through changing driver and bus passenger behaviour, supported by policy change and longer term technology and bus design measures. London TravelWatch will use the findings of the research to inform its ongoing work to improve services to bus passengers in London. A second stakeholder workshop was held in September 2019 at Loughborough University to engage with bus operators and stakeholders outside London.



Making Roads Safer For...

Pedal Cyclists



New Cycle Helmet Assessment Programme (NCHAP): protocols development

Transport Research Laboratory (TRL)

£99,520 awarded

Outputs and Outcomes – difference made by RST funding

Two journal papers have been drafted on oblique and rotational impacts.

An international workshop, drawing together cycle helmet safety research from around the world.



Making Roads Safer For...

Older People

FLOURISH - design requirements to enable use of connected autonomous vehicles (CAVs) by older people with a disability

Designability

£62,908 awarded

Outputs and Outcomes – difference made by RST funding

Best practice guidance for HMI developers, user interface designers, CAV manufacturers and the auto industry (based on research on older peoples' needs but also more widely applicable).

Evaluation of the HMI shows that it ranks highly on usability and user experience. <http://www.flourishmobility.com/publications>

Work is ongoing to explore use of the HMI and research with the automotive industry manufacturers and suppliers. Project findings were presented at the Transport Catapult and British Standards Institute 'People Focused CAV standards event'.



Making Roads Safer For...

Mobility Scooter Users

Mobility scooter user behaviour and hazard perception at road crossings

Nottingham Trent University

£88,976 awarded

Outputs and Outcomes – difference made by RST funding

A video guide 'See and Scoot' has been made available online through the NTU hosted 'Test my Driving' web-site <https://www.testmydriving.com/see-scoot> and through TGA Mobility <https://www.tgamobility.co.uk/about-us/videos/watch?v=09-WfD6sQIU>. A project report.

Evaluation of the guide suggests those who view it are then better able to negotiate hazards. Project reports will be submitted to academic journals.



Pilots that test...



Making Roads Safer For...

All Road Users

Develop and Trial a Community-led Intervention to Improve Residential Road Safety – ‘Community Corners’

Transport Research Laboratory

£97,500 + £1,000 Impact Funding

Outputs and Outcomes – difference made by RST funding

Trialled and tested an intervention using light touch engineering measures such as street furniture and road markings. Produced a report and a ‘Practitioner’s Guide’ to enable other Road Safety Professionals to deliver the intervention.

A statistically significant decrease was observed in speed and traffic volume on experimental streets. A positive trend could be observed in residents’ perception of safety and environmental parameters on experimental streets.



Making Roads Safer For...

Drivers

Development and Pilot of a Business Travel Focused Intervention Addressing Close Following Driving Behaviour

Transport Research Laboratory

£98,215 awarded

Outputs and Outcomes – difference made by RST funding

Carried out a trial with business, developed an intervention and produced a report.



Making Roads Safer For...

Young People

Impulse control and road safety - an educational intervention

Extern NI

£100,000 awarded

Outputs and Outcomes – difference made by RST funding

The project researched, developed, delivered and evaluated a classroom based educational intervention for 15-24 years aimed at improving impulsive behaviour.

Positive results were indicated in the areas of awareness of road safety and around issues of impulsiveness. A follow on grant has been awarded to eDriving solutions under the 2019-20 Small Grants Programme and Impact Fund to further develop, trial and evaluate the intervention.



Making Roads Safer For...

All Road Users

Road Safety Mobility Scooter Training

Urban Vision

£2,600 awarded

Outputs and Outcomes – difference made by RST funding

Training event in Salford (Agecroft Fire Station), October 2019.

10-20 people received training and advice.



Dissemination that reaches...

Making Roads Safer For...

All Road Users



Innovators and innovations in preventing mobile phone use while driving: sharing and improving practice

University of Keele

£75,096 + £9,451 Impact funding

Outputs and Outcomes – difference made by RST funding

A 'Compendium' for the Road Safety Profession on driving and mobile phone use.

The Compendium was launched in March 2019 and updated for legal developments. An additional outcome of the project was the creation of a 'Roads Policing Academic Network' (RPAN). A toolkit of resources was delivered for the NPCC 2020 Mobile Engaged campaign.

Making Roads Safer For...

All Road Users



Green Light Safety App (Drive VR)

West Mercia Police

£35,000+£2,250 Impact Funding

Outputs and Outcomes – difference made by RST funding

A Virtual Reality App, available on the Apple Store. Intervention is used in West Mercia. <https://itunes.apple.com/us/app/drive-vr/id1180969769?mt=8>

Drive VR has been promoted at 'Green Light' workshops held in schools and colleges in Hereford and Worcestershire. It has the aim of improving young people's road safety by helping them understand the consequences of poor decisions and providing ways of managing peer pressure. App downloaded over 11,500 times. Promoted via Facebook and First Car.

Making Roads Safer For...

All Road Users



Current and future road safety education, training and provision across the London boroughs

London Road Safety Council

£25,000 awarded

Outputs and Outcomes – difference made by RST funding

A report on road safety provision in London and two conferences.

The project highlighted issues such as the lack of evaluation of existing interventions and difficulties using casualty data, providing an opportunity for London Road Safety Officers to raise and discuss concerns.

Making Roads Safer For...

Pedal Cyclists



The impacts of centre line removal or non-reinstatement on 20mph and 30mph speed limit roads as a contribution to cycle user safety

UWE

£27,122 awarded

Outputs and Outcomes – difference made by RST funding

The project carried out an evidence review, surveyed local authorities for local studies and produced a report and a guidance note for practitioners. Local studies suggest speed reductions of 1–2 mph for Centre Line Removal, however the report concluded there is a lack of robust studies.

The report and guidance note have been disseminated to the profession.



Making Roads Safer For...

Young People



The Young People Driving Change Fix

Fixers

£70,000 awarded

Outputs and Outcomes – difference made by RST funding

A dedicated 'Micro-site' for young people <http://www.fixers.org.uk/feel-happy-fix/the-road-safety-fix/home.php>, 12 campaigns and a report.

The project highlighted the value of peer to peer education for young people. The project outputs have had a large reach. A few examples include being featured in First Car and Road Safety GB and local and national media.



Making Roads Safer For...

Pedestrians



Developing a Road Crossing Educational Computer 'Game' for Primary Schools

Cardiff University

£67,468 awarded

Outputs and Outcomes – difference made by RST funding

Carried out research into the way children learn about crossing the road and devised a downloadable road safety game for use at schools and at home. The game which is for 7-9 year olds (Virtual Road World) is available via the Apple Store. We have supported Cardiff University with funding for a Social Media campaign to maximise reach. <https://itunes.apple.com/gb/app/virtual-road-world/id1417184667?mt=8>

>1,000 downloads of the game/children reached

Making Roads Safer For...

Child Pedestrians



Identifying and evaluating promising road safety education programmes for parents of children under eleven years

University College London

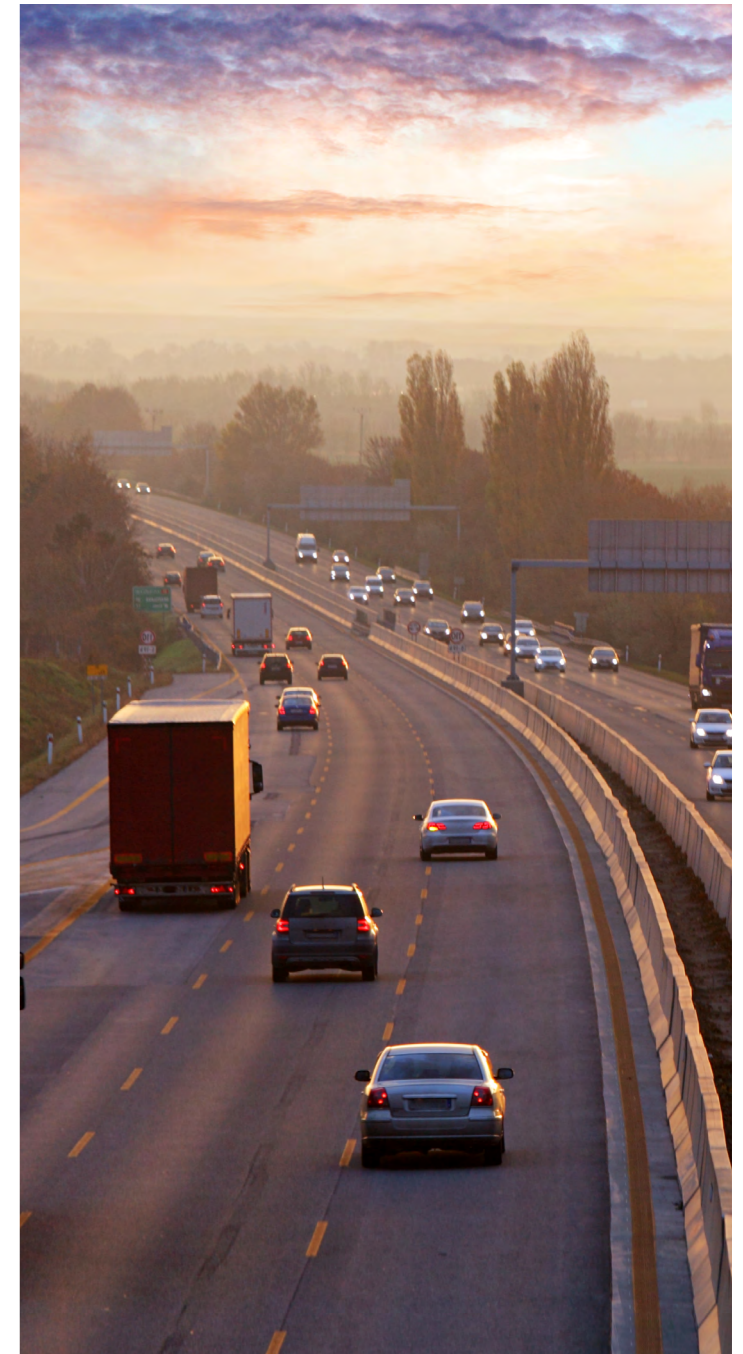
£105,592 awarded

Outputs and Outcomes – difference made by RST funding

The main outputs of the project are an evidence-based manual for practitioners titled, Guide to Involving Parents in Children's Road Safety Education and a report detailing the research methodology and findings.

Findings from the study have been presented at the EU-Safety 2019 conference in Luxembourg and shared with RoSPA and the London Road Safety Council.

A further programme of dissemination is planned.



Advocacy that influences...



Making Roads Safer For...

Drivers

Reducing suicides on the UK roads
-providing a baseline

**PACTS (Parliamentary Advisory Council
for Transport Safety)**

£15,500 + £7,300 of Impact Funding

*Outputs and Outcomes – difference made
by RST funding*

Raised awareness of roads related suicide
and sought influence through changes to
recording, reporting and management.

A review is pending as to whether to
include suicide/suspected suicide in
STATS19 (or its replacement).

Worked with Highways England on their
Suicide Prevention Toolkit and Strategy.

Engagement with The Road Haulage
Association (RHA) on what the RHA might
do to progress the issue within their
sector.

Letter to Minister for Transport Jesse
Norman MP, Parliamentary Under
Secretary of State for Transport, seeking
clarification of ministerial responsibility for
road-related suicides.



Making Roads Safer For...

All Road Users

Seizing the Opportunities

**PACTS - (Parliamentary Advisory Council
for Transport Safety)**

£19,000

*Outputs and Outcomes – difference made
by RST funding*

Three reports and a conference.

Reports have been used by PACTS as
follows: response to Ministerial Statement
on Road Safety, support for revisions
to EU Vehicle Safety Regulations,
recommendation for the prioritisation of
Vulnerable Road Users and need for a
Road Safety Performance Management
Framework at the national and local level.





Making Roads Safer

The Road Safety Trust

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