

## Talking Safety...

New Chief Executive, Carl Williams says the LRSSB has made significant progress against its 2020/21 objectives – despite the impact of the Coronavirus pandemic.

After two months in his new role, Carl has provided an update to key figures in the light rail sector reporting that work on a number of important LRSSB initiatives has moved forward including the completion of research into a number of the recommendations from the RAIB Sandilands investigation.

He said: "It is my intention to now crystallise this research into robust guidance documentation and it is essential that the LRSSB works collaboratively with the ORR in closing out the remaining recommendations arising from the investigation."

He explained that work to implement industry risk models, including the new consolidated and standardised Tram Accident and Investigation

Reporting Database (TAIR) initiative, had gathered momentum.

"These excellent tools will assist the sector in identifying and mitigating against future incidents and we have recently procured new risk assessment software for the industry as well as delivering training on its use to the sector. The software will integrate with our other databases and risk management platforms and, in turn, this will assist operators in more proactively identifying and reducing risk."

Carl added: "The LRSSB is constantly looking at ways to help the sector both now and in the future. I intend that we will work closely with all partners, owners, operator/maintainers, regulators, designers, constructors and suppliers."



## A.I. driving hazard perception project

Artificial intelligence and virtual reality are providing a further boost to tram safety with the development of new software.

As part of a project led and funded by the LRSSB, a new 'hazard perception technology tool' has been in ongoing development.

The innovative programme is designed to immerse users in a digital virtual world where they can encounter a variety of typical and unusual hazards in a recognisable working environment, and you can read the full story [here](#).



## Project scoops safety award

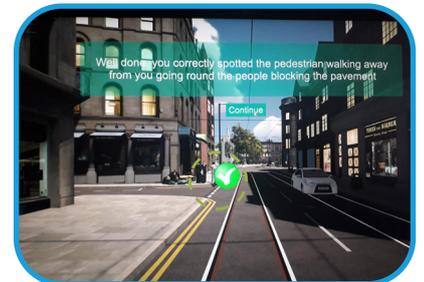
The world's first comprehensive safety study of driver monitoring technology has won sector-wide recognition, and a prestigious award for the LRSSB.

The organisation commissioned the study from Ian Rowe Associates and together they topped the Significant Safety Initiative category at the recent Global Light Rail Awards.

The accolade follows a year of rigorous tests of four Percentage of Eye Closure (PERCLOS) systems in laboratory conditions.

The research aims to help tram operators to raise safety standards even higher, and it means they have a body of evidence readily available to help them to choose and implement the most effective system for their network.

Read the full story [here](#).



## Guidance documents

A raft of new standards and guidance documentation is set to be published by the LRSSB.

The latest guidance covers Management of Electro Magnetic Compatibility, Tramway Audible Warning Acoustic Tests, Signing and Marking of Tramways and Stray Current Management.

The four new documents are set to be published on the [LRSSB website](#) over the next few weeks.

## Training boost for database development

The first of a series of training events has marked the initial steps towards building a comprehensive database of light rail risks assessments.

The LRSSB workshops included an introduction to the BowTieXP software that's being used to build an invaluable tool for the sector's health and safety professionals.

Drawing on the collective knowledge and experience of experts from across the sector, the database will include risk assessments covering all aspects of operations and you can find out more [here](#).

## Adoption of risk management model

A risk management maturity model, originally developed for heavy rail, has now been embraced by the LRSSB and we're now working closely with the Office of Rail and Road to ensure it meets the needs of the sector we serve.

RM3 2019 provides an effective tool for assessing an organisation's ability to successfully manage health and safety risks, identify areas for improvement and provide a benchmark for year-on-year comparison.

We'll be working jointly with the ORR on future revisions to the model and leading its roll-out across the sector. You can find out more about the project [here](#).



**CALL**  
0121 214 7107



**EMAIL**  
[info@lrssb.co.uk](mailto:info@lrssb.co.uk)



**WEB**  
[www.lrssb.co.uk](http://www.lrssb.co.uk)



**TWITTER**  
[@LightRailSSB](https://twitter.com/LightRailSSB)



**LINKEDIN**  
[@lightrailssb](https://www.linkedin.com/company/lightrailssb)