

## Use of Fatigue Distraction Detection Technologies - *What good practice looks like*

### Expression of interest invitation

Fatigue Distraction Detection Technologies (FDDT) are becoming increasingly common around the world, due to their ability to monitor biological and behavioural indicators associated with fatigue or distraction and provide warnings to the driver ahead of an incident occurring.

The National Heavy Vehicle Regulator (NHVR) is seeking expressions of interest from transport companies and technology providers to participate in an NHVR commissioned safety project focused on supporting the use of FDDTs. The project will be led by Dr Drew Dawson (EDU.AU) and Andrew Higginson who undertook the first NHVR FDDT research study in 2019 and will involve a series of virtual and on-site interviews.

The project will develop an agreed and consistent approach of what good practice looks like for the use of FDDTs by transport companies as well as develop practical material to support transport companies to reasonably respond to FDDT events. An FDDT event is classified as an alert due to signs of fatigue or distracted driving.

Findings from the 2019 NHVR FDDT research study will be used, which found that FDDTs are most successful when there is a collaborative approach between company management and drivers underpinned by ensuring drivers are fit for duty and have an absolute authority to stop driving.

The project will:

1. Understand the types of processes and systems used by transport businesses (size, sector, task)
2. Build procedures that transport companies can consider implementing to respond to FDDT events
3. Prepare operational guidance to support the use and maintenance of fatigue safety technology
4. Consider the findings from recent research work including the AAA research project by CQ Uni

### Participation

Participation will be categorized into the following groups:

1. Transport companies who are currently using or have previously used FDDT in their business.  
*Meetings for this group will be undertaken on site at the transport company premises. Companies are expected to provide staff to participate in discussions and the provision of information.*
2. Transport companies that participated in the 2019 FDDT research study to validate findings and understand learnings since the original project.
3. Technology providers who supply FDDT to the heavy vehicle industry.  
*Meetings for these groups will be undertaken virtually. It would be beneficial to include staff in the discussions who participated in the 2019 study.*

EDU.AU will ensure that any data provided will be anonymized and remain confidential for the purposes of analysis.

### Contact

To advise of your expression of interest in any of the above categories, please complete the online form [here](#) by **Friday 4 August 2023**.

Alternatively, email Kym Barry at [kym.barry@nhvr.gov.au](mailto:kym.barry@nhvr.gov.au). Please include the following information:

- Nominate a contact person, including name and number for all communications
- Provide the size and location of your business as well as the industry sector
- Advise the type of FDDT/s used by your business and how many trucks have the technology installed.

**For all questions relating to the project, please contact Kym Barry on 0418 114 020.**