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A person with narrow vision has a restricted horizon; a person with wide vision has plentiful opportunities

Assessing and developing sector HFE readiness. A transport case study

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Abstract

The adoption of human factors and ergonomics (HFE) as a discipline and the perspectives, methods, and work that flows from it is highly variable across disciplines, and compared with overseas, very few New Zealand sectors have HFE embedded into their day-to-day ways of working. Arguably aviation and rail are the greatest users of HFE, and there is emerging adoption in sectors such as healthcare and the land transport sectors.

As part of the earlier workforce development initiative a Needs Assessment Tool was developed and tested. The tool allows assessment of the maturity of various dimensions of organisational work where HFE typically has an influence. Within the Land Transport sector, a short course was developed *Human Factors and Ergonomics within the Land Transport System,* which was very well received based on a post course participant survey. Various HFE qualified individuals also hold positions within organisations, but not all carry out HFE work within their roles.

Using the land transport sector as a case study, this presentation will summarise the existing HFE readiness within the land transport sector and highlight areas of progress and ongoing challenge. A discussion is invited for a broader discussion of HFE adoption in New Zealand based on experiences in other domains, and what further effort is needed to embed HFE into appropriate sectors.