

Webinars



#amtues

THE PATHWAY TO CONDITION BASED/ PREDICTIVE MAINTENANCE

DOWNER'S NEXT STEP

The Asset Management Council is pleased to present this webinar series, **Asset Management Tuesdays**, showcasing all things asset management from our pool of expert speakers across all industries.

Maintenance management is key to implementing good asset management practices and Downer Rolling Stock Services (RSS) has invested a lot of time and effort in maintenance excellence.

During AMPEAK2019, Downer RSS presented on their vision on Future Maintenance Concepts which included detailed conceptual business models based on Downers' technology roadmap and how these innovations, processes and projects will impact cost, risk & performance.

Here, we will explore how we are driving this technology roadmap, establishing and delivering projects, and the continuous improvement to maintenance management and delivering on our new business models.

The RCM methodology forms the foundation to the development of our maintenance strategy and through this process, Not only are maintenance tasks continuously reviewed and optimised but new methods of maintenance delivery are also identified that enables automation.

This is predominantly done by using data from the train itself and condition monitoring equipment such as wheel condition monitoring and automated visual inspection systems, with the vast amount of data collected coupled with contextual data (such as weather),

Downer RSS has begun incorporating predictive capabilities in the maintenance of trains. These are all realised through the extensive use of Downer's own predictive analytic platform known as TrainDNA. As maturity increase in the use of CBM and PdM, the limiting factor will lie in the available data and introducing 'Smart' assets will be key for growth in this area.

Presented by:



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Date:

Tuesday
26 May 2020

Time:

1pm AEST

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