

BENEFIT FROM A MASTERCLASS IN SMART ROAD CONSTRUCTION TECHNOLOGY

WHY

The future has arrived. Over the next decade the industry will have access to new and emerging smart technologies that will significantly increase productivity and revolutionise construction and maintenance operations.

Through digital technologies, advanced materials in road construction and maintenance automation, new innovation can create a competitive advantage for companies and increase the effectiveness and efficiency of the industry.

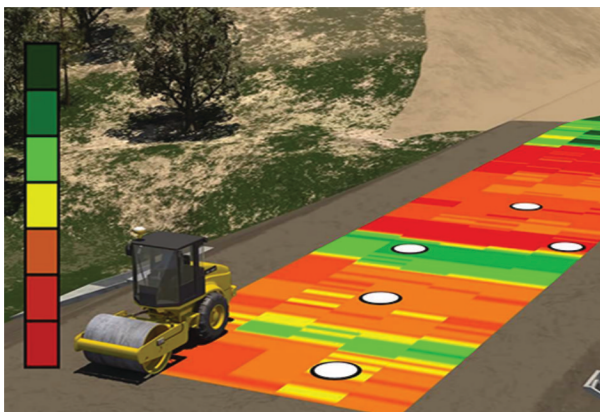
How can the sector take better advantage of an influx of innovative equipment due to hit our shores? Learning about smart road construction and maintenance technology is vital to staying ahead of the curve.



WHAT

This one-day training course is being offered by the Australian Asphalt Pavement Association (AAPA) in collaboration with Level 5 Design (L5D). Hear from our technology experts, who are offering a comprehensive one-day course with case studies on the following key areas and topics.

Emerging Smart Road Construction and Maintenance Equipment:



- 1 **Intelligent Compaction**
- 2 **Drones and UAV Technology**
- 3 **Autonomous Vehicles and Machinery**
- 4 **Integrated Remote Support and Design – Cloud Collaboration**
- 5 **Virtual Reality and Augmented Reality**
- 6 **Construction Exoskeletons**
- 7 **Advanced equipment safety / machine zone protection**
- 8 **Other emerging technologies**

Innovation is Critical:

Gain insights into why introducing smart technologies is increasingly important, and the benefits these new technologies can deliver.

Safety:

Understand how workplace safety can be enhanced using smart equipment.

Removing Barriers to Implementation:

Learn what can be done to remove the obstacles that complicate the introduction of new smart equipment in the road sector in Australia.



WHO WE ARE



For over 40 years the Australian Asphalt Pavement Association (AAPA) has been the peak body representing the Flexible Pavement Industry in Australia. Committed to the interests of all members, AAPA brings together the \$4 billion Flexible Pavement Industry to network and communicate on issues of national importance. The industry is a dynamic, multifaceted sector responsible for the design, specification, manufacture, construction and maintenance of all forms of flexible pavement. Together with its members, AAPA demonstrates and enables technical excellence in the sustainable use of bitumen-based products in pavement engineering solutions.

Peter Damen - Level 5 Design

Peter is considered a national and international expert in emerging transport technologies, automated vehicles, intelligent transport systems, road safety and road design. He is a qualified civil engineer with over 25 years' experience in the industry including both government and the private sector. He is the author of several national guidelines and has been involved in some of Australia's largest transport infrastructure projects. He has an industry network that extends across the globe.



THE MASTERCLASS

A Masterclass differs from other training in that it assumes that delegates have some pre-existing general knowledge and are already working within the industry. It provides access to leading experts in their fields and presents opportunity for greater interaction and learning at a much higher level. It is about elevating the level of knowledge of people within the industry, so that attendees are well informed and can make better decisions.



Register your interest today

For more information, email:
training@aapa.asn.au