

Work Package PM.1.1

Maturity Framework Assessment

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| Vehicle Interaction Control Improvement Project |
| **WBS Parent** | PM. Project Management |
| **WBS Reference** | PM.1 Initiation |
| **Work Package** | PM.1.1 Maturity Framework Assessment |
| **Package Owner** | Project Sponsor – Senior Manager |
| **Owner Organisation** | Your Company |
| **Participants** | Project Manager, Senior Site and Divisional Managers |
| **Capability Required** | Senior management experience, with financial authority |
| **Description** | Apply the ICMM ICSV self-assessment process to review site status against the industry Vehicle Interaction (VI) Maturity Framework. Use the results to begin a conversation about the scope and outcomes of the VI Control Improvement project required for the operating site. |
| **Completion State** | **A completed site assessment that has been reviewed, discussed, and approved by Senior Managers. The site assessment is available for project scoping and planning.** |
| **ICMM Initiative for Cleaner, Safer Vehicles – Vehicle Interaction Programme**What is meant by a vehicle interaction ‘Capable Solution’ ready for global market uptake?A capable solution delivers better vehicle interaction control performance by improving the quality of decision-making from task execution through to mine operations and design.A capable solution considers relevant aspects of the operating environment, production requirements and equipment design.Where technology is a part of a capable solution, it is operationally integrated with existing controls.**Case Study**This Maturity Framework was collaboratively developed by ICMM members, OEMs and other technology providers.The intent of the Maturity Framework Assessment developed in 2020 is to Map, Motivate and Measure the current status and intended journey for Vehicle Interaction (VI) Maturity. It will start conversations amongst industry stakeholders to converge thinking, decision making and actions toward the most effective application and use of technology, in particular to reduce the incidence of unwanted vehicle interactions in mining.Key intended outcomes include:* Enabling member companies to move at their own, industry-informed pace
* Providing a visual tool to assess progress at a site, company, and industry level
* Outlining an industry landscape on solutions already available, or in development
* Providing clear industry direction for OEM’s and 3rd party innovation development

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* Enabling industry leaders to become first adopters, bringing along fast followers, ultimately catalysing a collective industry shift

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| **References*** [ICSV Vehicle Interaction Maturity Framework Self-Assessment ‘How to Guide’](https://emesrt.org/wp-content/uploads/2024/06/VI-Maturity-Self-Assessment-How-To-Guide-FInal-for-Piloting.pdf)
* [ICMM Innovation for Cleaner, Safer Vehicles Initiative (ICSV)](https://www.icmm.com/en-gb/our-work/cleaner-safer-vehicles)
* [EMESRT VICI Project Guide](https://emesrt.org/wp-content/uploads/2024/06/EMESRT-VICI-Project-Guide-2023.pdf)
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