



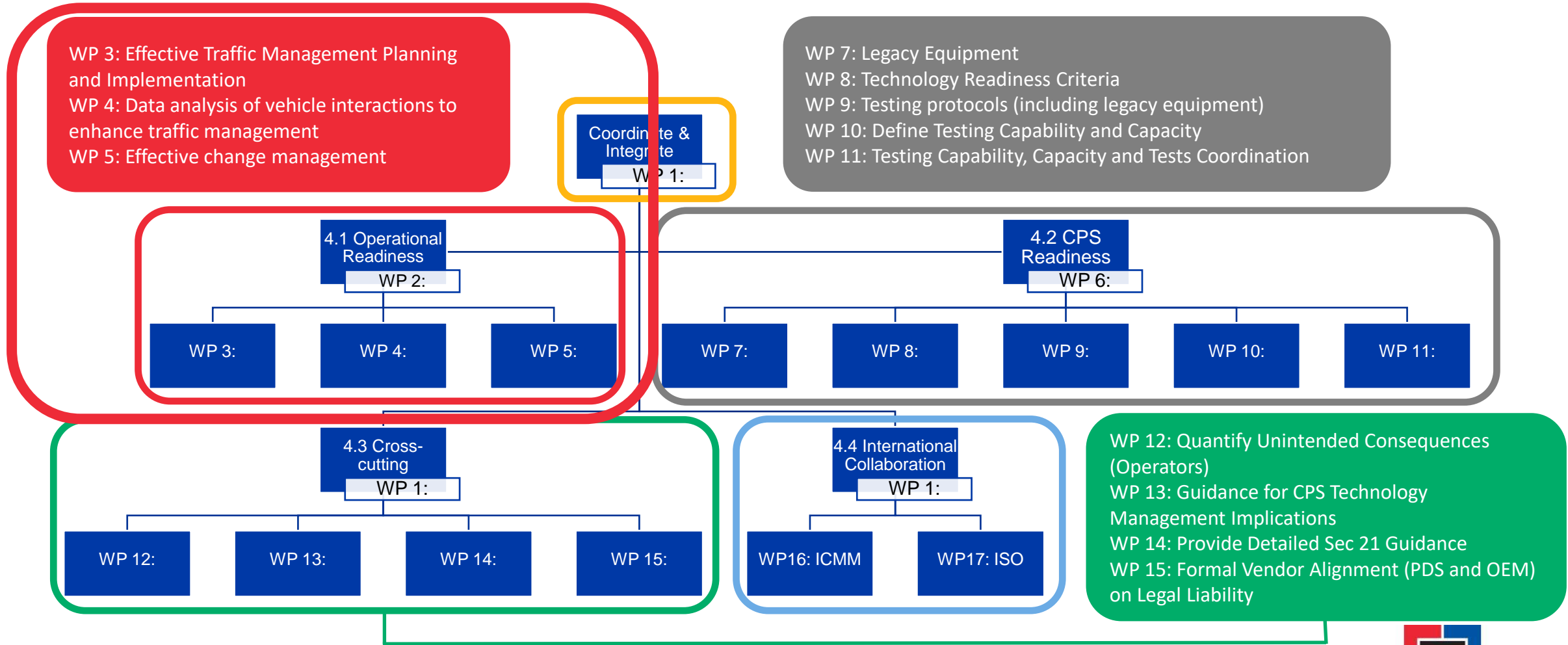
# OPERATIONAL READINESS PHASE: ANALYSIS OF RECENT TMM INCIDENTS

MOSH Transport & Machinery Team | 27 October 2022  
Multidisciplinary Technical Expert Team, TEAMS® Online



MINERALS COUNCIL  
SOUTH AFRICA

# Work Breakdown Structure



# Recent TMM Fatalities

Date	Description	Probable Cause	CPS Installed?	Could CPS Prevent?	Could TM Prevent?
20/07/22	The now deceased Drill Rig Operator was fatally injured when his hand got entangled on the drill steel of a Drill Rig whilst drilling the face.	(1) Failure to follow lock out procedure before going to the front of the machine.	Not Applicable	NO	NO
08/08/22	The now deceased Continuous Miner (CM) Operator was fatally injured when he got pinched between the CM and the ribside whilst relocating the CM. The CM remote was still in his hand and the second remote had to be used to move the CM and free him. He was declared deceased on the scene.	(1) Removal of safety device (cap lamp from himself) whilst operating the CM. (2) System procedures did not allow the deceased to perform certain tasks without interference from the safety device.	Yes	YES	NO

# Recent TMM Fatalities

Date	Description	Probable Cause	CPS Installed?	Could CPS Prevent?	Could TM Prevent?
15/08/22	The now deceased employee was fatally injured when he was run over by an ADT (Articulated Dump Truck).	(1) Incorrect positioning by the deceased in the TMM hardpark area. (2) Poor visibility from the ADT cab to the immediate sides of the machine. (3) Failure to separate pedestrians and vehicles in the hardpark area. (4) Poor communication between the deceased and the ADT operator.	Yes (Vehicle-to-Vehicle)	NO	YES
11/09/22	The now deceased woman Utility Vehicle Operator was fatally injured when she was struck by a Load Haul Dumper (LHD) underground.	(1) Poor maintenance of a safety device (CPS). (2) Lack of traffic management procedures.	Yes (Malfunction)	YES	YES

# Recent TMM Fatalities

Date	Description	Probable Cause	CPS Installed?	Could CPS Prevent?	Could TM Prevent?
18/10/22	The now deceased employee was fatally injured when he was squashed by the bus against the deflection barrier. The bus driver had just dropped off the now deceased at the belt terminal entrance and the bus proceeded to the loading/drop-off zone. There was a car that was driving off from the drop-off zone and the bus was trying to evade this car when the accident occurred. The now deceased succumbed to injuries sustained.	(1) Deceased was dropped off in a non-designated drop off area (shortcuts). (2) Failure to observe the surroundings before changing direction.	Not Applicable	NO	YES
22/10/22	The now deceased employee was fatally injured when he was driven over by a LHD (Load Haul Dumper) in a ASD (Advanced Strike Drive). The deceased was certified deceased by paramedics on arrival at the scene.	Inconclusive from the information at hand	Unknown	YES	YES







# Thank you

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T +27 11 498 7100    E [info@mineralscouncil.org.za](mailto:info@mineralscouncil.org.za)    W [www.mineralscouncil.org.za](http://www.mineralscouncil.org.za)

Rosebank Towers, 19 Bierman Ave, Rosebank, Johannesburg, 2196

