




**Improved Robotic Platform to perform  
Maintenance and Upgrading Roadworks:  
The HERON Approach**

**Grant Agreement Number: 955356**

**D5.1: 3D Mapping and Autonomous Navigation**

<b>Work package</b>	Development of the Robotic Platform, Improved Navigation and integration with the sensing devices
<b>Activity</b>	Task 5.1: 3D mapping models, Robot Navigation and Obstacle avoidance models
<b>Deliverable</b>	3D Mapping and Autonomous Navigation
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## Document Control Sheet

Version history table			
Version	Date	Modification reason	Modifier
0.1	13/11/2023	Initial Table of Contents and initial content	ROB
0.2	16/11/2023	Added HW and configuration definition	ROB
0.3	03/05/2024	Added general content	ROB
0.4	27/05/2024	Pre-final version sent for internal peer review	ROB
0.5	30/05/2024	Comments on the prefinal version	ICCS, STWS
1.0	17/06/2024	Updated version with restructuration of the data folders	ROB

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