



# RO.MA. PMS

## SOFTWARE FOR PLANNED MAINTENANCE OF ROADS AND AIRPORTS PAVEMENTS

Software able to provide optimal maintenance intervention strategies in a predefined period of time, with the option of setting budget constraints. Database management resulting from high-performance non-destructive surveys (Bearing Capacity, Roughness, PCI, Grip) and calculation of homogeneous.

**Definition of the homogeneous sections for all the network elements**

**Parameters Database referred to the actual pavement conditions, and maintenance priority levels**

**Decay law models for each parameters (IRI, PCI e RL) and intervention thresholds depending on the maintenance typology**

**Definition of the optimal maintenance strategy for each homogeneous section, with and without budget constraints**

**Typology of maintenance treatment and their characteristics**

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