

## Supporting Road Asset Management with Portfolio Decision Analysis

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*Abstract:* Road asset management typically involves considerable financial resources, several planning objectives and hundreds of competing proposals. We report recent experiences from projects where the Finnish Road Administration was supported by Robust Portfolio Modeling (RPM) in the development of road asset maintenance programs. The managers were particularly pleased with the ability to provide incomplete preference information and to obtain corresponding tentative priority lists.

*Keywords:* Multi-criteria decision analysis, portfolio optimization, incomplete information, robustness.

*Keywords from the list in the on-line abstract submission form:* multi-criteria decision making, decision support systems, resource allocation.

*More information:* <http://www.rpm.tkk.fi>