

## Hydro Tasmania Road Network Management

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Hydro Tasmania owns and manages 588 km of roads, with some 386 km (66%) open to public access. The objective of Hydro Tasmania roads programme is to maintain a safe and reliable road network for use by Hydro Tasmania employees and the public, established upon an acceptable level of organisational risk.

The management and maintenance of the road portfolio is governed by the corporation's asset management strategy to "Discharge all safety, duty of care, legislative and operational compliance obligations on a prioritised risk basis". This strategy is supported by the corporation's safety vision of "No harm to anyone at anytime." by providing safe access to staff and the public.

In order to fulfil the organisation's roads programme objectives, Hydro Tasmania engaged the capability of an experienced road maintenance contractor in 2009 to deliver road management and maintenance services safely and efficiently through a transparent value for money relationship based contract model.

Hydro Tasmania has developed a Road Risk Rating (RRR) system as a measure of exposure to Duty of Care (DoC) risk. The RRR system allows for targeted spending of operation maintenance funds where the highest return on investment is achieved.

Key components of Hydro Tasmania's roads asset management include:

- Assessment of Asset Management Capability
- Roads Classification system (Asset Hierarchy & inventory)
- Agreed Levels of Service and Intervention Timing
- Regular Network inspections appropriate to the various road classes
- Knowledge Management
- Programme Governance

This paper presents the development of Hydro Tasmania's (HT) roads asset management since 2008 to the present.

References:

Hydro Tasmania Roads – Asset Type Management Plan (ATMP) 2018