
Railway applications — Rail project planning process —

Part 2: Conditions

*Applications ferroviaires - Processus de planification de projets
ferroviaires —
Partie 2: Conditions*

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Foreword

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The committee responsible for this document is ISO/TC 269, *Railway applications*.

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Introduction

Railway represents an efficient transport mode to overcome societal and environmental issues, such as economic growth, road traffic congestion, pollution emission reduction, accessibility, and so on. Therefore, rail projects can provide great benefits for people all over the world. However, desired outcomes cannot always be gained, since all rail projects are influenced by many factors and external conditions as well as by stakeholder's expectations. It therefore requires time and funding to identify conditions and translate stakeholder's expectations into specifications and requirements.

Expectations and conditions can be common or different among projects. These need to be identified, analysed, prioritized and taken into account while advancing the project. If not, it is possible that the project will not produce the expected benefits and result in a waste of time and money. In order to avoid such a waste, these factors are generalized and standardized as much as possible.

By better identifying stakeholders, taking into account their needs as well as external conditions, project planning can be optimised. The project management will then proceed more smoothly after the planning stage with expected benefits on costs, quality and delivery.

The scope of this document is the planning stage (before design stage) of rail projects. It addresses all types of rail projects, such as new lines, retrofitting, upgrading, operation, maintenance and so on.

It is expected that this series of documents will be useful to contracting entities for:

- identifying and prioritizing needs, interests and conditions;
- assuring the coverage of all relevant regional and environmental conditions;
- advancing technical and financial optimization of a project.

In addition, this series of Technical Reports will be useful to suppliers for:

- preparing an optimum proposal;
- minimizing time and costs in the planning stage;
- clarifying their role and related responsibility in justifying to the relevant contracting entity the plan of a project.

Therefore, both clients and suppliers can promote rail projects smoothly while contributing to rail development.

This series of documents will be developed as two provisional groups:

- Part 1 Stakeholders and their needs/interests;
- Part 2 Conditions.

Pending decision of ISO/TC 269, additional standards will be developed using those reports, addressing correlation, interaction and causality

