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# Building information modelling — Information delivery manual —

## Part 1: Methodology and format

*Modèles des informations de la construction — Contrat d'interchange —*

*Partie 1: Méthodologie et format*

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# Contents

Page

# Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 29481-1 was prepared by Technical Committee ISO/TC 59, *Building construction*, Subcommittee SC 13, *Organization of information about construction works*.

ISO 29481 consists of the following parts, under the general title *Building information modelling — Information delivery manual*:

— *Part 1: Methodology and format*

The following part is planned:

— *Part 2: Management communication*

# Introduction

Building information modelling provides a concept for describing and displaying information required in the design, construction and operation of constructed facilities. It can bring together the diverse sets of information used in construction into a common information environment - reducing, and often eliminating, the need for the many types of paper documentation currently in use.

An information delivery manual (IDM) provides significant help in getting the full benefit from a building construction information model (BIM). If the information required is available when it is needed and the quality of information is satisfactory, the construction process itself will be greatly improved.

For this to happen, there should be a common understanding of the building processes and of the information that is needed for and results from their execution.

This part of ISO 29481 sets out a methodology and format for the provision of an integrated reference for the processes and data required by a BIM. It describes how to identify and describe the processes undertaken within construction, and the information required for their execution and the results. This part of ISO 29481 also describes how this information can be further detailed to support solutions provided by building-information-system providers in a form that enables its reuse and how it can be configured to meet national, local and project needs.

In doing so, this part of ISO 29481 provides a basis for reliable information exchange/sharing for users so that they can be confident that the information they are receiving is accurate and sufficient for the activities they need to perform. The development of this part of ISO 29481 has been driven by the need of users for reliability in information exchange.

Examples and guidelines related to the development of IDMs will be published at: <http://www.standard.no/IDM>. The site will developed and maintained by the ISO/TC 59/SC 13 secretariat.