

SLOVENSKI STANDARD
oSIST prEN ISO 19650-2:2017
01-maj-2017

Organizacija podatkov o gradbenih delih - Upravljanje podatkov z uporabo modeliranja informacij o zgradbi - 2. del: Faza predaje sredstev (ISO/DIS 19650-2:2017)

Organization of information about construction works - Information management using building information modelling - Part 2: Delivery phase of assets (ISO/DIS 19650-2:2017)

Organisation von Daten zu Bauwerken - Informationsmanagement mit BIM - Teil 2: Lieferphase der Assets (ISO/DIS 19650-2:2017)

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91.010.01	Gradbeništvo na splošno	Construction industry in general

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Organization of information about construction works — Information management using building information modelling —

Part 2: Delivery phase of assets

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 59, *Buildings and civil engineering works*, SC 13, *Organization of information about construction works*.

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Introduction

0.1 Purpose

This International Standard is designed to enable an appointing party to establish their requirements for information during the delivery phase of assets and to provide the right commercial and collaborative environment within which (multiple) appointed parties can produce information in an effective and efficient manner.

This International Standard can be used by any appointing party. It is the appointing party who determines to which of its assets (projects) this International Standard applies.

This International Standard also defines the information management process, commonly referred to as building information modelling (BIM), and the activities through which delivery teams can collaboratively produce information and minimize wasteful activities.

0.2 National Annex

There are several standards, methods and procedures required for the successful implementation of this international standard, relating to a specific regions or countries, that are not suitable for inclusion within an international standard. As such, national standards bodies are encouraged to compile and document the standards, methods and procedures, relevant to the region or country they represent, within a national annex.

NOTE [Annex B](#) provides an illustration of the content that national standards bodies should consider for inclusion during development of their respective national annex.

0.3 Relationship with other standards

The concepts and principles relating to the application of the requirements within this International Standard are provided in ISO 19650-1.

General information on asset management can be found in ISO 55000.

Appointing parties can find that consideration of the concepts and principles contained within both ISO 19650-1 and ISO 55000 can assist the implementation of the requirements presented in this International Standard and development of asset management in their organization.

0.4 Benefits of the standard

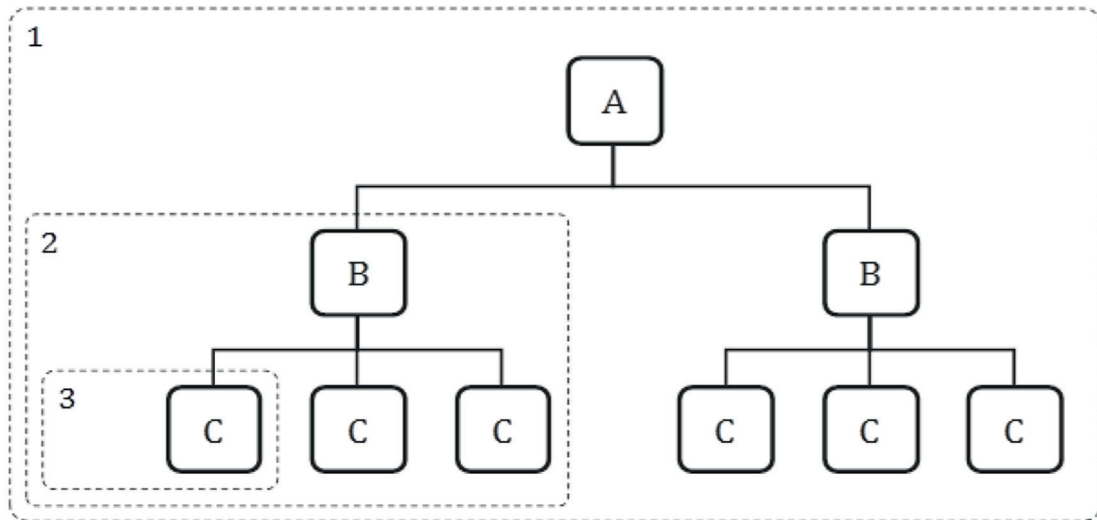
The adoption of the first and this part of the International Standard ISO 19650, enables an appointing party to achieve its business objectives through the effective and efficient procurement, use and management of information during the delivery phase of assets.

International cooperation in the preparation of these standards has identified a common information management process that can be applied to the broadest range of assets, in the broadest range of organizations, across the broadest range of cultures.

0.5 Interfaces between parties and teams for the purpose of information management

As an International Standard based around collaboration, it is natural that multiple parties will be involved, typically via some form of commercial appointment. As such, for the purpose of this International Standard, the parties listed in [Figure 2](#) show those involved during the delivery phase of assets and the commercial relationship between them.

These parties have been used throughout this International Standard in order to identify and assign the accountable party for each activity and task.

**Key**

Party

A Appointing party

B Appointed Party

C Sub-Appointed Party

Team

1 Project Team

2 Delivery Team

3 Task Team

Figure 1 — Interfaces between parties and teams for the purpose of information management

Whilst the language and diagrams used within this International Standard infer that the appointing party will appoint only two delivery teams via separate appointments, it is not the intention, nor a requirement, of this International Standard to guide or restrict the routes available to appointing parties.

Organization of information about construction works — Information management using building information modelling —

Part 2: Delivery phase of assets

1 Scope

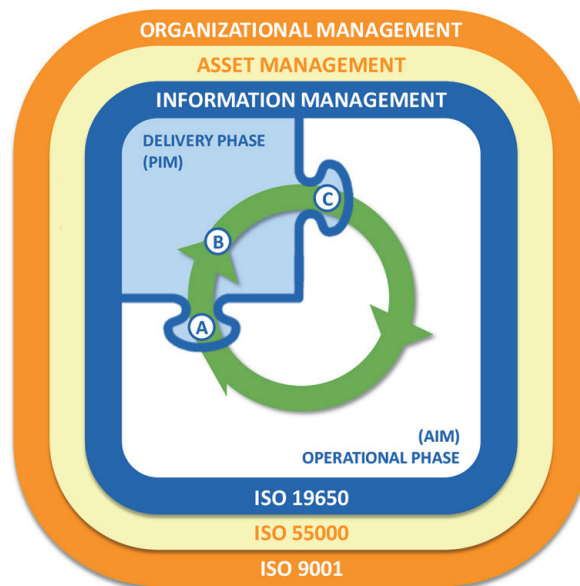
This International Standard specifies requirements for information management, in the form of a management process, within the context of the delivery phase of assets and the key exchanges of information within it, when using building information modelling.

This International Standard is primarily intended for use by:

- those involved in the management or production of information during the delivery phase of assets;
- those involved in the definition and procurement of construction projects;
- those involved in the specification of appointments and facilitation of collaborative working;
- those involved in the design, construction, operation and maintenance of assets; and
- those responsible for the realization of value for their organization from their asset base.

This International Standard can be applied to all types of assets and by all types and sizes of organizations, regardless of the chosen procurement strategy.

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**Key**

AIM Asset Information Model

PIM Project Information Model

A Start of delivery phase – handover of relevant information from AIM to PIM

B Progressive development of the design intent model into the virtual construction model

C End of delivery phase – handback of relevant information from PIM to AIM

Figure 2 — Scope of ISO 19650-2

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 19650-1, *Organization of information about construction works — Information management using building information modelling — Part 1 — Concepts and Principles*

ISO 12006-2, *Building construction — Organization of information about construction works — Part 2 — Framework for classification*

3 Terms and definitions

3.1 Terms relating to information management

For the purposes of this document, the terms and definitions given in ISO 19650-1 apply.

3.2 Legend for process diagrams

For the purposes of this document, the following symbols have been used within the process diagrams