



Built Environment: Understanding the ISO 19650 Revision

Tuesday 24 February 2026

To commence at 12:30





Welcome and introduction



Dan Rossiter

Built Environment Sector Lead

BSI



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- For technical issues, report them through the same question button.
- After completing the post-event feedback survey, BSI will provide a link to the recording.
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Introduction and industry context



Dr Anne Kemp OBE

Chair

Nima



About us

- **Dr Anne Kemp OBE**



Director and Fellow at AtkinsRealis

Convenor of ISO TC 59/SC 13/WG 13

Chair of UK mirror committee

Chair of Nima (previously UK BIM Alliance) and the IM Initiative

- **David Churcher**



HITHERWOOD CONSULTING

Director at Hitherwood Consulting

Project leader for ISO 19650-1 and ISO 19650-3

Member of CEN TC 442 (BIM) working groups

Editor of the IMI Framework Guidance

Expert in UK mirror committee

- **Paul Shillcock**



Director at Operam Academy

Project leader for ISO 19650-2

Expert in UK mirror committee

ISO 19650 – Information management using building information modelling

- Overseen by ISO Sub-Committee 13 *Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM)*
- Developed in Working Group 13 *Implementation of collaborative working over the asset life cycle*
- Key words to define the scope of ISO 19650:

- Information management
- Collaborative working
- Asset life cycle

} which means {

Information is valuable
Everyone is involved
Not just new build

DRAFT International Standard (DIS):
ISO 19650 Parts One and Two due for release in March 2026
ISO 19650 Part Three: Target to be released in June 2026

The clue is in the name: **DRAFT**

What will be discussed today are only PROPOSALS at this stage.

1. The DIS for Parts One, Two and Three have been developed through 18 months of discussion and consultation in the ISO Working Group.
2. Public consultation will open in March. Constructive comments, including alternative proposals, should be submitted through the public consultation process.
 - : For UK, the commenting process will be managed by BSI
 - : In other countries it will be managed by the respective national standards body.
3. Comments will then be discussed by the ISO Working Group to reach consensus about what appears in the final drafts and the published standards.

The DIS is NOT the agreed standard. The 2018 editions still stand. No-one – including the convenor and the project leads – can say what the published standards will be, only what is proposed. The final outcome depends entirely on what public comments are received and how they are resolved by consensus in the international working group.

ISO 19650 Parts 1, 2, 3

Key changes explained



David Churcher

Director

Hitherwood Consulting



Paul Shillcock

Managing Director

Operam Academy





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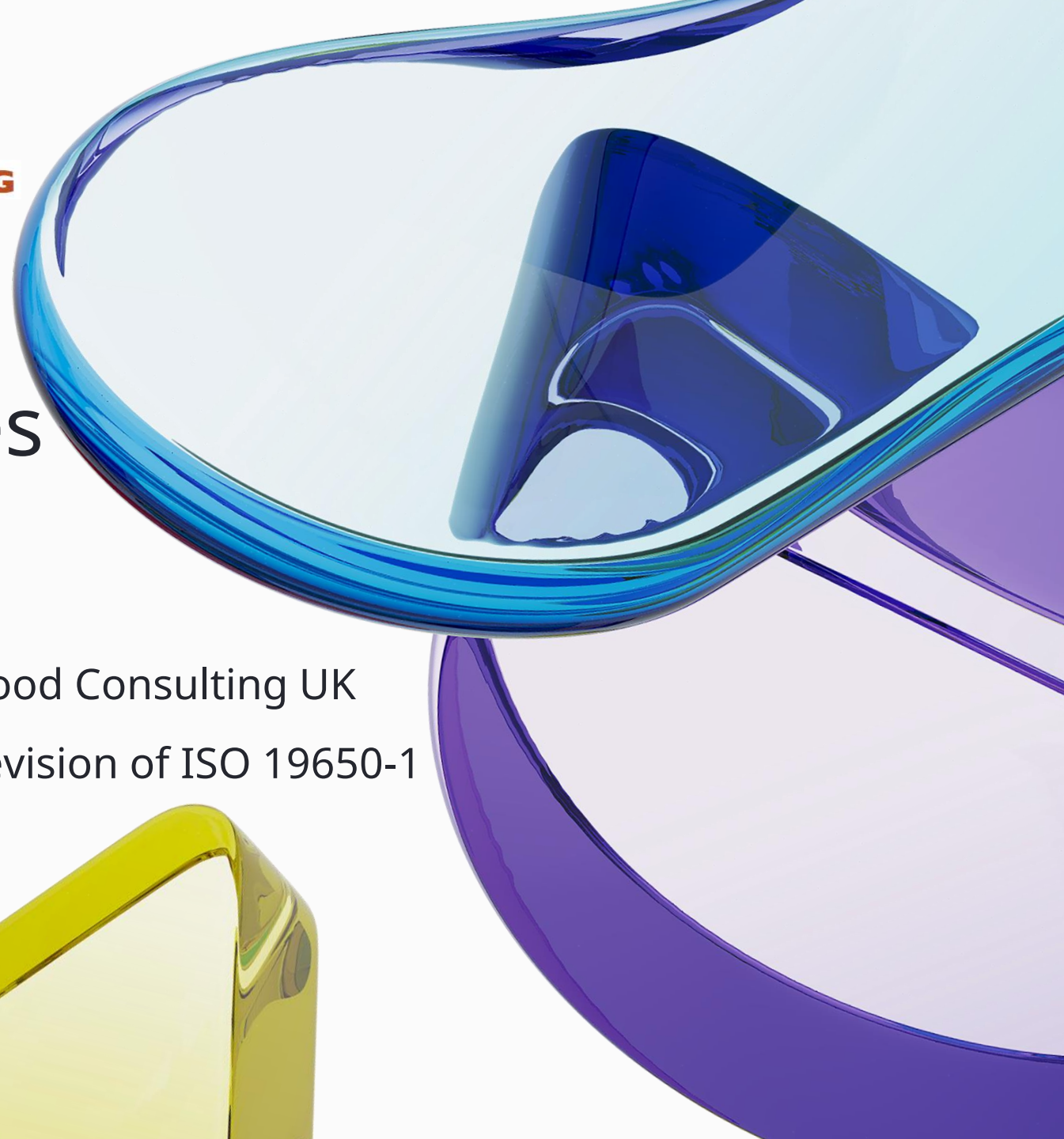
ISO 19650 Part 1 - Concepts and principles



David Churcher

Director, Hitherwood Consulting UK

Project Leader, Revision of ISO 19650-1



Updating the concepts and principles

- Learning from 6+ years of implementation and feedback
- Learning from development of comprehensive guidance in the



IMI Framework (<https://imiframework.org>)

- Fundamental principle is unchanged: information is a valuable commodity that needs to be managed properly in a collaborative working environment

ISO 19650 Part 1 – Key changes

- Focus is the whole life of the asset
- Terminology and language has been rationalised and simplified
- More emphasis on information purposes (the WHY)
- Alignment and reference to other information management standards
- Reference to all parts of the ISO 19650 series (2, 3, 4, 5, 6)
- More logical structure of the text (WHY > WHAT > HOW)

Whole-life focus

- A single information management process for the whole life of an asset
 - No more distinction between delivery phase and operational phase
- Development and maintenance of the Asset Information Model is the primary outcome from the information management process
- Information models are still produced at the appointment level from each "project" during the asset life
 - "Project" now refers to the IM activities in Part 2 that are **part** of the overall response to any trigger event
 - The overall response is called an "asset-related project"

Developments in terminology and language

- Emphasis is on information management, not BIM
- The asset information model is created and updated throughout the asset life cycle
- "Information management" and "information production" used as prefixes to describe resources used to implement the process

| | |
|---------------------------------------|---|
| "information management team" | at project level to co-ordinate between appointing party and lead appointed parties |
| "information production team" | instead of delivery team |
| "information production requirements" | instead of exchange information requirements |
| "information production plan" | instead of BIM execution plan |
| "information production schedule" | for each lead appointed party instead of MIDP and TIDPs |

Information purposes

- Always there in ISO 19650-1:2018 but now made more explicit in a standalone clause
- Information purposes capture why information is needed by all the relevant stakeholders
 - Based on their separate information perspectives



Alignment with other IM standards

- We have a much richer standards landscape than we did in 2014-2018
- Explicit reference to other related and supporting standards, including:
 - ISO 7817-1:2024 (Level of information need)
 - ISO 29481-1:2025 (Information delivery manual for business process mapping and exchange requirements)
- Detailed Annex proposed to explain interrelationships with other international standards

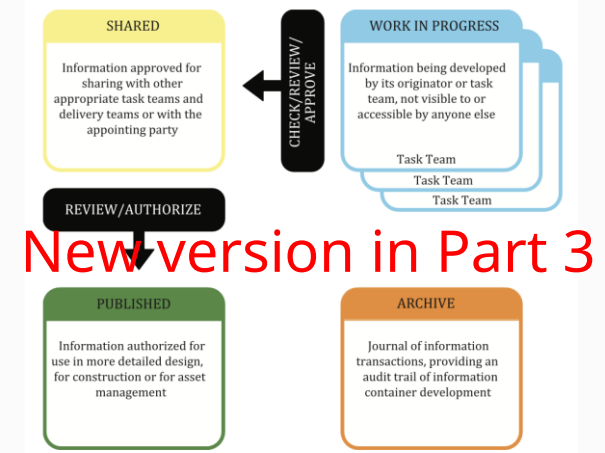
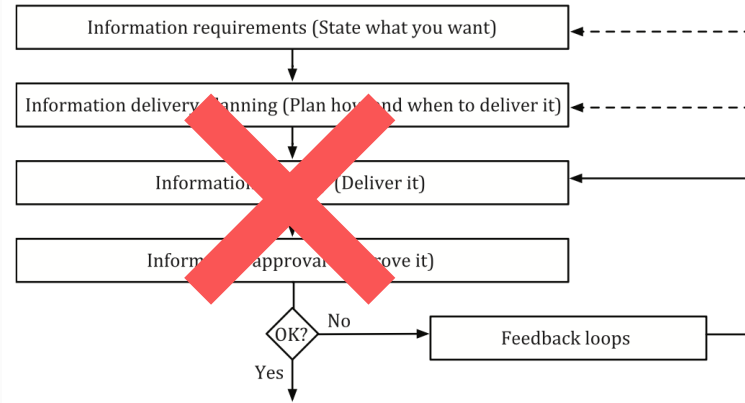
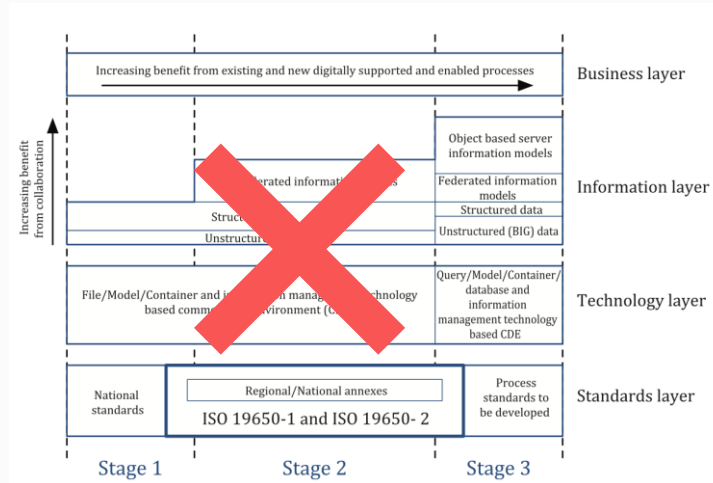
Reference to all parts of ISO 19650

- Part 1 is intended to provide a set of concepts and principles for the whole series
- Part 2 defines the requirements of the information management process
 - Part 3 explains how aspects of the process can be implemented
- Part 4 defines information quality and the details of the review process
- Part 5 defines the requirements for security-mindedness
- Part 6 extends the IM process for health and safety information and defines a data schema

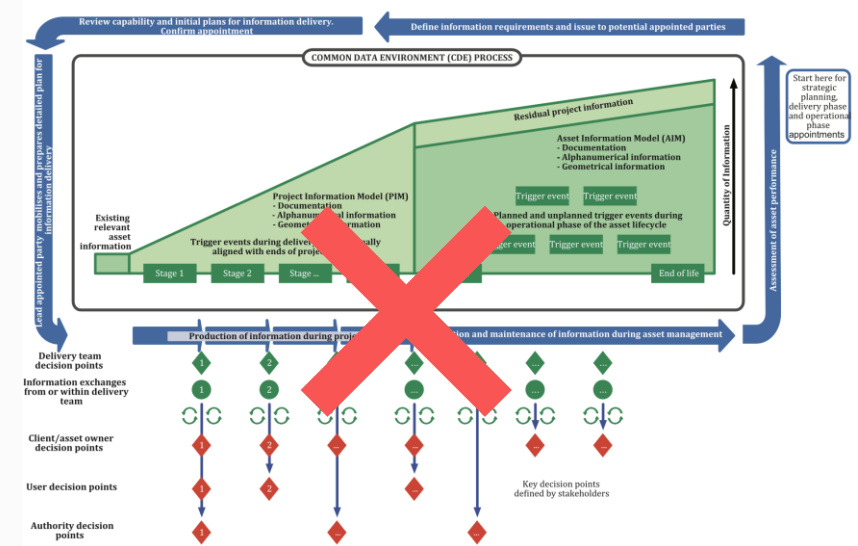
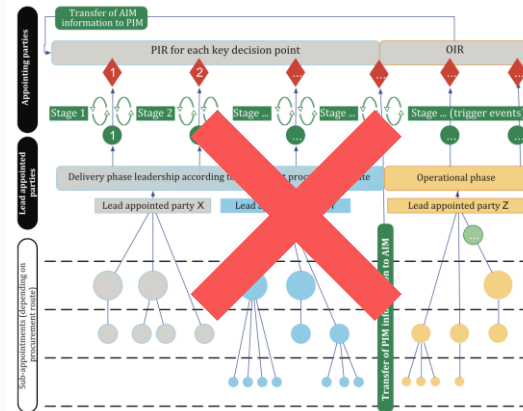
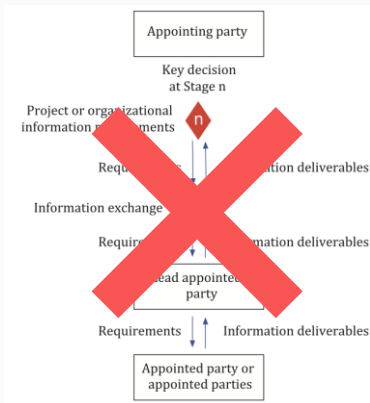
Part 1 clauses and structure

| Clause | Existing 2018 | Proposed 2026 |
|--------|---|--|
| 4 | Asset and project information, perspectives and collaborative working | Information management, perspectives, collaborative working and ISO 19650 |
| 5 | Information requirements and information models | Information purposes |
| 6 | Information delivery cycle | The information management process (including assignment of information management activities) |
| 7 | Project and asset information management functions | Information requirements and information constraints (including Level of information need) |
| 8 | Delivery team capability and capacity | Procurement of information through appointments |
| 9 | Information container based collaborative working | Information production planning |
| 10 | Information delivery planning | Information production team capability and capacity |
| 11 | Managing the collaborative production of information | Common data environment |
| 12 | Common data environment solution and workflow | Information models |
| 13 | Summary of BIM according to ISO 19650 | Summary of information management according to ISO 19650 |

Figures proposed to remove from Part 1



New version in Part 3





ISO 19650 Part 2 - Information management process



Paul Shillcock

Managing Director

Operam Academy



ISO 19650-2:PROPOSED

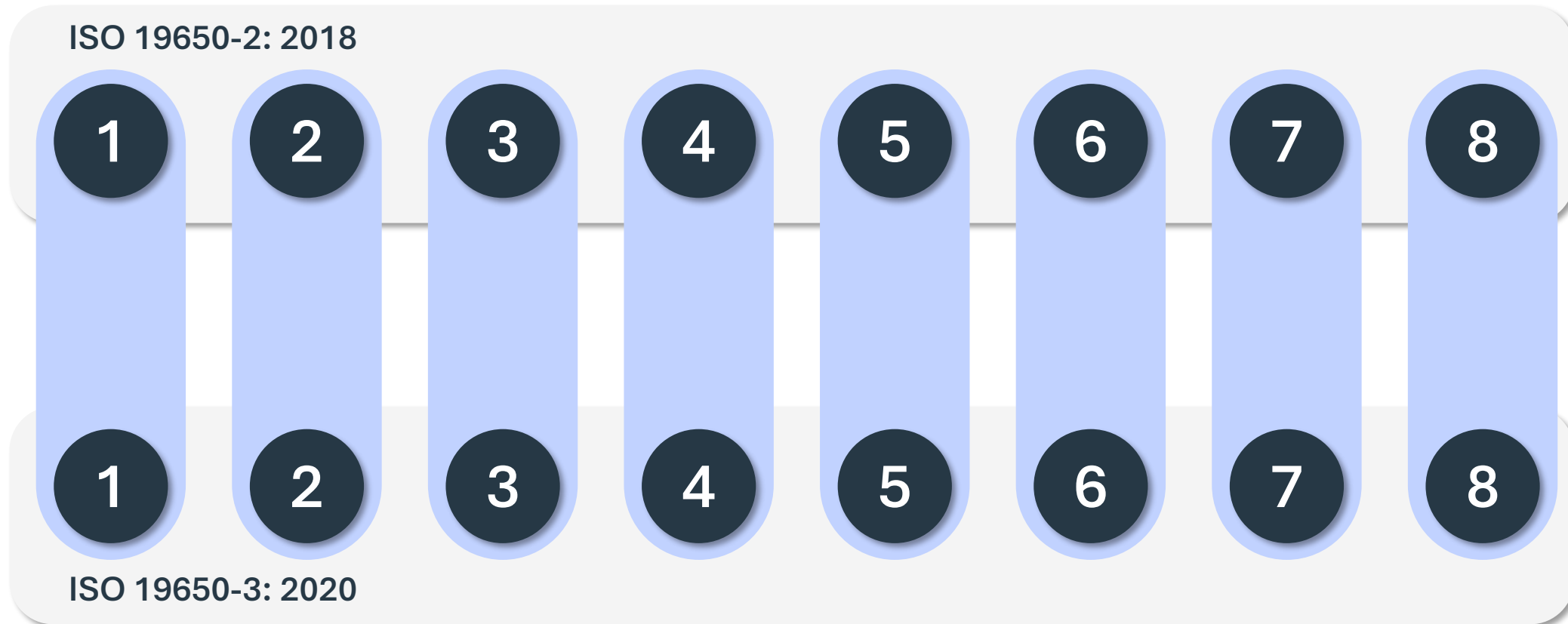


Five key areas:

1. Information management process
2. Parties and teams
3. Information requirements
4. Information delivery planning
5. Information production

1. Information Management Process

1. Information Management Process



1. Information Management Process

ISO 19650-2: 2018



ISO 19650-2: PROPOSED



ISO 19650-3: 2020



1. Information Management Process



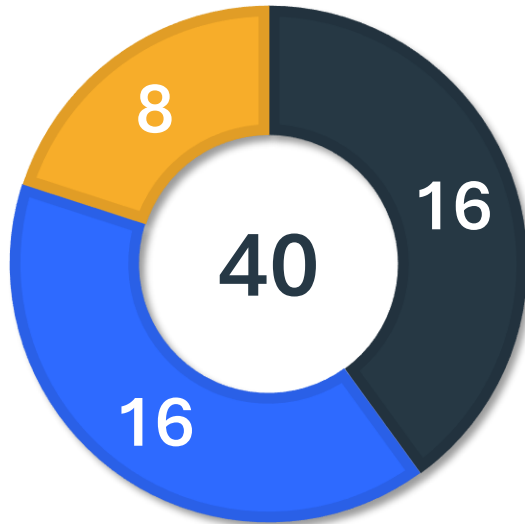
Information Management

Information Production

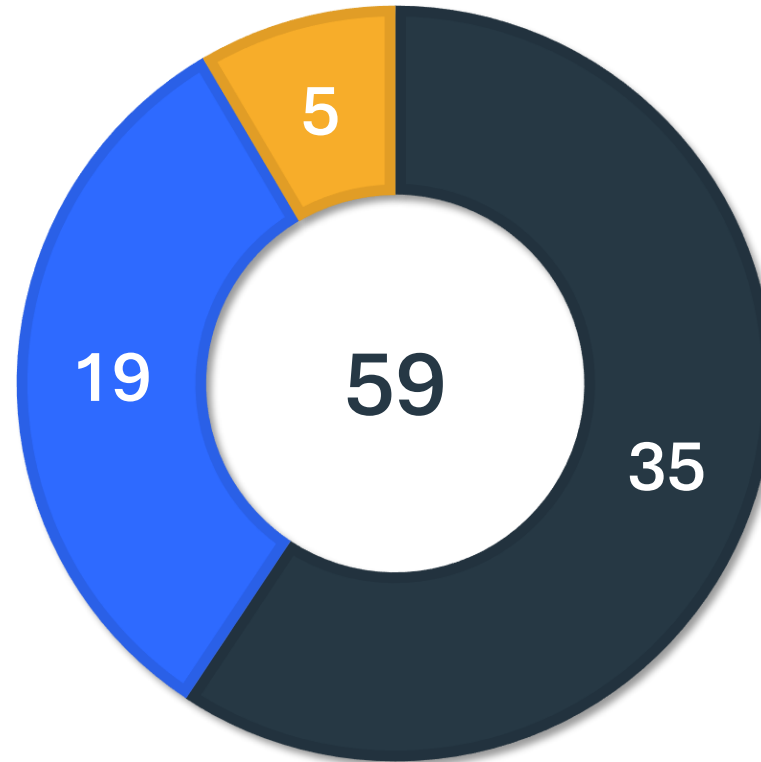
1. Information Management Process

Activity Assignment

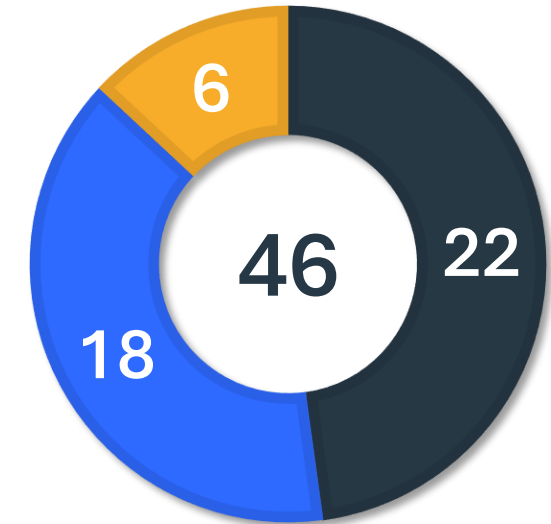
- Appointing Party
- Lead Appointed Parties
- Appointed Parties



ISO 19650-2:2018



ISO 19650-2:PROPOSED



ISO 19650-3:2020

1. Information Management Process

ISO 19650-2: 2018



ISO 19650-2: PROPOSED



ISO 19650-3: 2020



2. Parties and Teams

3. Information Requirements

4. Information Delivery Planning

5. Information Production



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ISO 19650 Part 3 - Implementation guideline for Part 2



David Churcher

Director, Hitherwood Consulting UK

Project Leader, Revision of ISO 19650-1



New role for Part 3

- Starting point was that current Part 3 is just a variation on the theme of Part 2
 - The same overall IM process but applied to a different set of work situations (operational activities rather than design and construction activities)
- So Part 3 has been refocused to provide a set of implementation guidelines for the whole life process now set out in the new Part 2

Aspects of implementation currently covered in draft Part 3

- Rationale for changes to terminology
- Different types of trigger event
- Differences in complexity of an asset-related project
- Differences in complexity of the team
- Different forms of asset-related project procurement
- Implementation of CDE (information production workflow + the enabling technologies)
- Federation and information container breakdown
- Annex showing timeline of application of Part 2 clauses to a small-medium sized project

How extensive might Part 3 be?

- Part 3 is potentially very elastic in its scope
- Final content will depend on where WG13 can find consensus
- Intention is that Part 3 will be published a few months after Parts 1 and 2 (unlikely to be simultaneous)
- Topics that do not make it through to the new Part 3 can still be addressed in UK guidance as part of the IMI Framework
- Part 3 expected to be issued for public consultation at beginning of June 2026



Nothing has been finalised yet...

- These changes in Parts 1, 2 and 3 are all only proposals at this stage
 - But they have been developed through 18 months of discussion and consultation in the ISO Working Group
- Have your say by submitting constructive comments, including alternative proposals, through the public consultation process
 - Will be managed by BSI for UK participants
 - In other countries the commenting process will be managed by your national standards body
- Comments will then be discussed by the ISO Working Group to reach consensus about what appears in the final drafts and the published standards

Q&A Discussion

Please submit your question via the Q&A function



Moderator:

Dan Rossiter

Built Environment Sector Lead



Dr Anne Kemp OBE

Chair



David Churcher

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Paul Shillcock

Managing Director





Closing Remarks



Dan Rossiter

Built Environment Sector Lead

BSI



Upcoming Built Environment Webinars & Events

- **10 March 2026** – [PAS 2000 Launch Event: Bringing Safer Construction Products to Market](#)
- **20 April 2026** - [Revision of BS 8214 Fire-resisting and smoke control doors – Practical considerations concerning specification, design and performance in use – Code of practice](#)
- **06 May 2026** - 2nd Generation Eurocodes: Expert Update on EC0, EC2, and National Annex developments
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