



Why is so important EN ISO 19650 for all the stakeholders

11/06/2025

Introduction

SOME DATA FROM A TYPICAL PROJECT



50 – 1000 people
working



10 – 100
companies



Hundreds –
Thousands of
shared documents



Different cultures



Hundreds –
Thousands RFI



Thousands of
actions and revisions

WHO IS RESPONSIBLE OF WHAT



CONTROL THE INFORMATION.. OR BE CONTROLLED BY DATA?



EN ISO 19650

EN ISO 19650 STANDARDS

EN ISO 19650

Specify the information management processes in a project... when is BIM used?

Part 1 CONCEPTS

Part 2 –
DELIVERY
PHASE

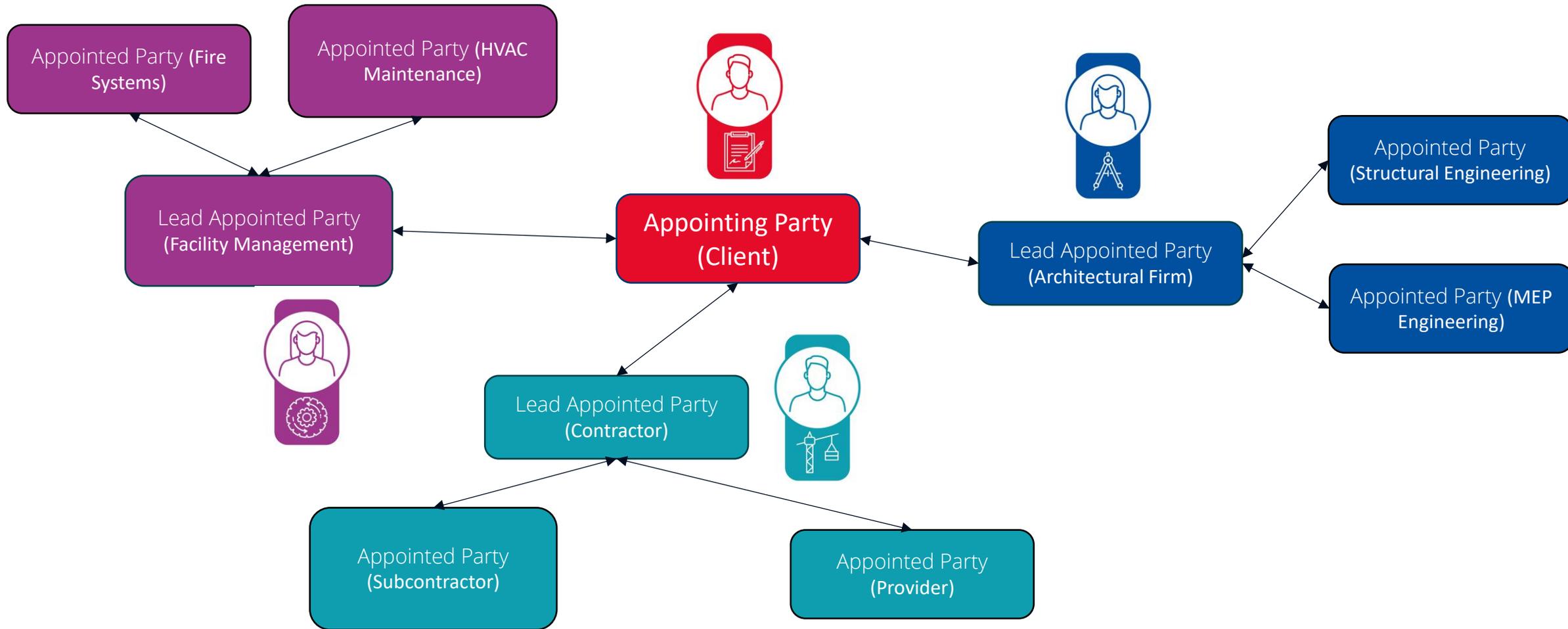
Part 3 –
OPERATIONAL
PHASE

Part 4 –
INFORMATION
EXCHANGE

Part 5 –
INFORMATION
SECURITY

Part 6 –
HEALTH &
SAFETY
INFORMATION

EACH STAKEHOLDER HAS ITS OWN RESPONSIBILITIES

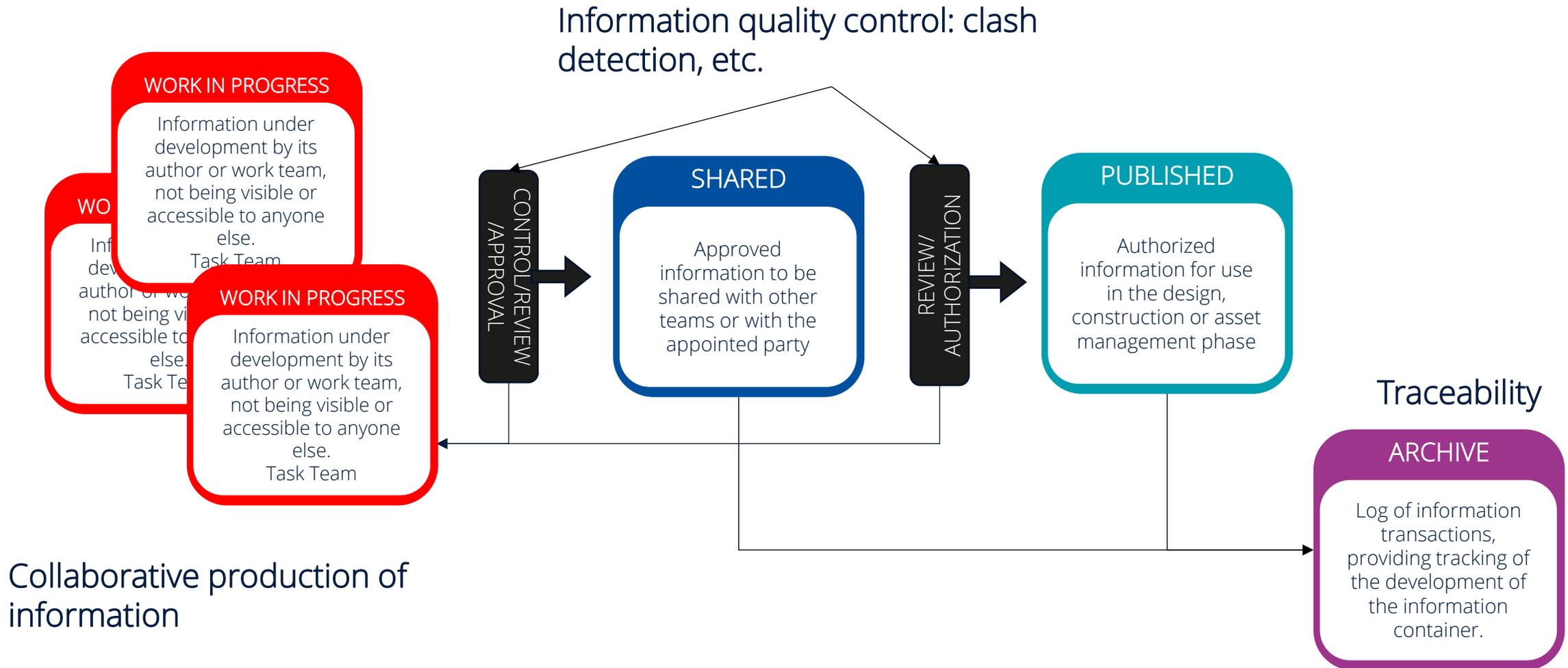


STANDARDIZATION TO BE ABLE TO COLLABORATE

Establishment of, according to the needs and requirements of the project:

- Information standards
- Classification Systems
- File naming
- Level of Information need
- Information production and delivery procedures
- Quality control procedures
- Information delivery formats

EFFICIENT INFORMATION MANAGEMENT



Some data about EN ISO 19650 Implementation in Spain

EN ISO 19650 IMPLEMENTATION IN SPAIN



We are ISO 19650 certified (12'7 %)

We are in process to become ISO 19650 certified (27'5 %)

We have implemented it partially (28'5 %)

We know what it is but we have not implemented (14'9 %)

We don't know what it is (26'3 %)

69% of organizations have implemented partial or totally

Source: BIM Adoption in Spain in 2024 Report

IS ISO 19650 BEING REQUIRED FROM APPOINTING PARTIES?



34,1%

We don't evaluate BIM capabilities/experience



58,5%

We ask for previous BIM experience



2,4%

We ask for ISO 19650 implementation



4,9%

We ask for ISO 19650 implementation and previous experience

Source: BIM Adoption in Spain in 2024 Report

SPANISH GOVERNMENT MANDATE

Estimated contract value thresholds	Compulsory application date			
	1 April 2024	1 October 2025	1 October 2027	1 April 2030
Equal to or greater than €5.538.000*	Early level	Intermediate level	Advanced level	Integrated level
Less than €5.538.000* and equal to or greater than €2.000.000	Recommended early level	Early level	Intermediate level	Advanced level

SPANISH GOVERNMENT MANDATE

APPOINTING
PARTY REQ.

APPOINTED
PARTIES REQ.

	EARLY LEVEL	INTERMEDIATE LEVEL	ADVANCED LEVEL	INTEGRATED LEVEL
PROCESSES	No Coordination in CDE. BIM Uses: Coordination Drawings	Coordination in a CDE. BIM Uses: Quantities	ISO 19650 CDE BIM Uses: 4D, O&M	ISO 19650 CDE BIM Uses: Any
TECHNOLOGY	Document Management System IFC Models	Document Management System and ISO 19650 processes IFC Models	CDE ISO 19650 BCF Issues IFC Models	CDE ISO 19650 BCF Issues IFC Models
PEOPLE	1 trained person	Team trained	Team trained in ISO 19650	Team trained in ISO 19650
	Team with BIM experience	Team with BIM experience	Team with BIM experience	Team with ISO 19650 and BIM experience

Supporting the ISO 19650 implementation from buildingSMART Spain

WORKSHOPS ABOUT ISO 19650 IMPLEMENTATION



**Contractors working group –
Workshop ISO 19650
implementation**



**9th June, Madrid (Campus Acciona)
Workshop ISO 19650 & openBIM**

ISO 19650 TRAINING



ISO 19650 is part of the learning outcomes

- 18 training centres in Spain
- 1800 certified students -> >25.000 at International level

ISO 19650 GUIDELINES AND TEMPLATES

- ISO 19650 Guideline
- Spanish Naming convention
- MIDP template
- Responsibilities assignment Matrix
- Mobilization Plan Guideline and template



Ejemplo Programa General de Desarrollo de Información (MIDP)

Grupo de Documento	Descripción del documento	Código documento	Entidad creadora	Redactor Documento	Email Redactor Documento	Responsable del documento	Email Responsable documento	Fecha
GRUPO 1	Memoria constructiva	MEMSP-EMPRESA-XXX-XXX-MEM-M3D-001-MemoriaConstructiva.docx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 1	Memoria constructiva	MEMSP-EMPRESA-XXX-XXX-MEM-M3D-001-MemoriaConstructiva.pdf	EMPRESA 2	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 2	Modelo estacion nativo	MEMSP-EMPRESA-000-ZZZ-00A-00Q-000-ModeloEstacionNativo.iifx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 2	Modelo estacion OpenBIM	MEMSP-EMPRESA-000-ZZZ-00A-00Q-000-ModeloEstacionOpenBIM.iifx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 2	Modelo tramo nativo	MEMSP-EMPRESA-100-ZZZ-00A-00Q-000-ModeloTramoNativo.iifx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 2	Modelo tramo OpenBIM	MEMSP-EMPRESA-100-ZZZ-00A-00Q-000-ModeloTramoOpenBIM.iifx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 2	Modelo tramo nativo	MEMSP-EMPRESA-100-ZZZ-00A-00Q-000-ModeloTramoNativo.iifx	EMPRESA 2	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 2	Modelo completo Federado	MEMSP-EMPRESA-XXX-XXX-00A-00Q-000-ModeloCompletoFederado.iifx	EMPRESA 2	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 3	Registro de entregas	MEMSP-EMPRESA-XXX-XXX-00A-00Q-000-RegistroEntregas.xlsx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	
GRUPO 3	Plan de entregas BIM	MEMSP-EMPRESA-XXX-XXX-00A-00Q-000-PlanEntregasBIM.pdf	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com	

Crear Nivel / Localización Disciplina Descripción Revisión

NDB-BSSP-E01-ZZZ-M3D-EST-001-PredimNucleos-S0-0205

Proyecto Volumen / Sistema Tipo Número Estado

Why implement ISO 19650?

APPOINTING PARTY BENEFITS



- Better information produced (in response to the requirements) will support risks reduction (delays and cost overruns), increasing predictability and achieving better business results.
- Life cycle vision.
- Standardization of information requirements will allow a greater number of suppliers to participate in the bidding process, thus increasing competitiveness.

APPOINTED PARTIES BENEFITS



- Clarity in the definition of processes and responsibilities, reducing misunderstandings
- Increase the efficiency and collaboration.
- Opportunity window: ISO 19650 is required by Appointing Parties.

WILLY

NOT?



¡ Gracias !

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