



**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



Hundreds –  
Thousands of  
shared documents



Hundreds –  
Thousands RFI



10 – 100  
companies



Different cultures



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

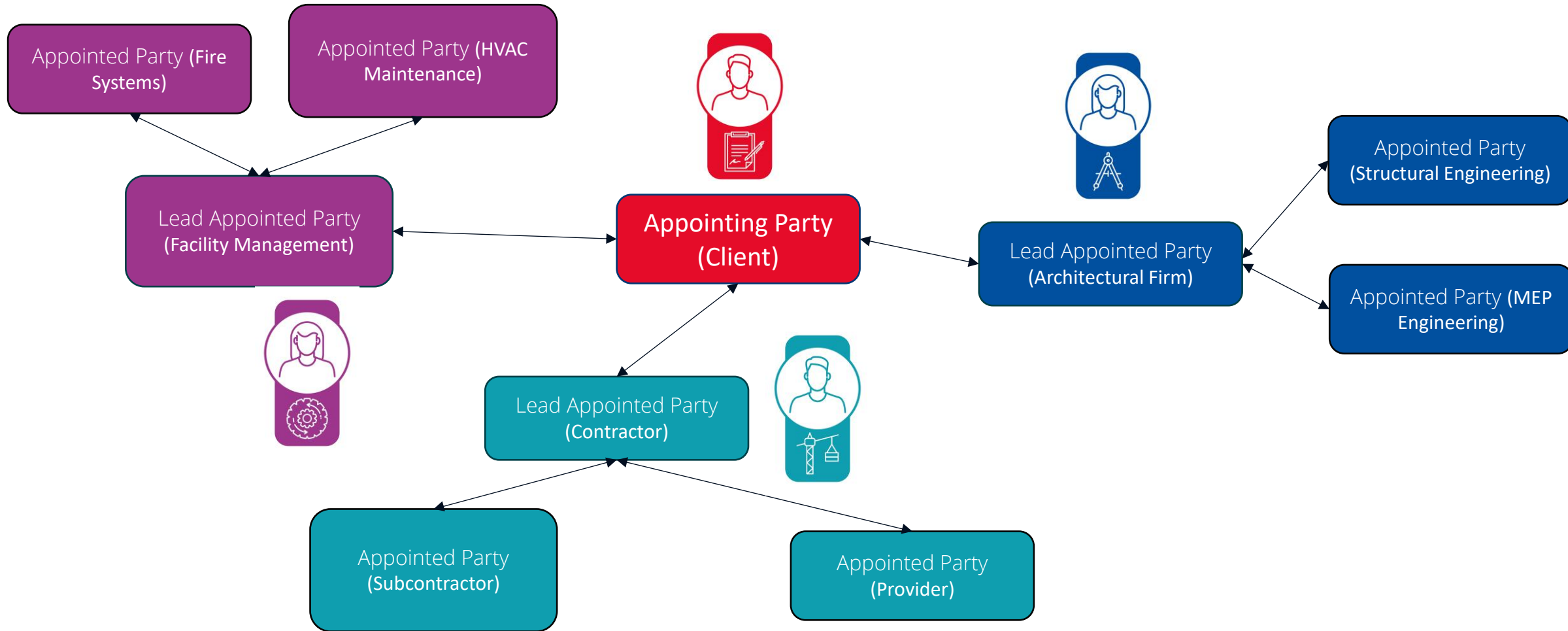
Part 3 –  
OPERATIONAL  
PHASE

Part 4 –  
INFORMATION  
EXCHANGE

Part 5 –  
INFORMATION  
SECURITY

Part 6 –  
HEALTH &  
SAFETY  
INFORMATION

# EACH STAKEHOLDER HAS ITS OWN RESPONSIBILITIES



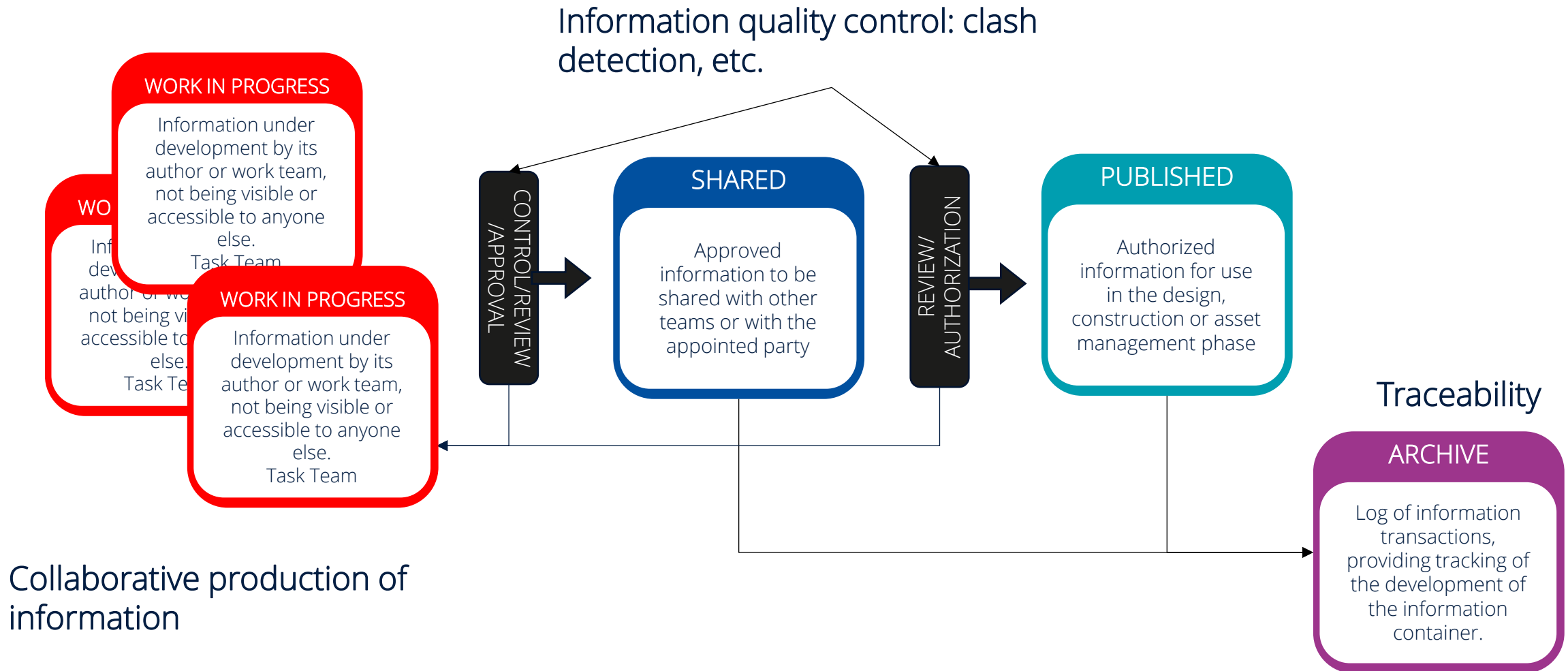


# STANDARDIZATION TO BE ABLE TO COLLABORATE

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)							
IDENTIFICACIÓN DEL DOCUMENTO							
Grupo de Documento	Descripción del documento	Código Documento	Entidad creadora	Redactor Documento	Email Redactor Documento	Responsable del documento	Email Responsable documento
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-001-ZZZ-B04-M3D-001-ModeloEstacionNativa.kbx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
GRUPO 2	Modelo estacion OpenBIM	MEMSP-EMPRESA-001-ZZZ-B04-M3D-001-ModeloEstacionOpenBIM.rvt	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
GRUPO 2	Modelo tramo nativo	MEMSP-EMPRESA-101-ZZZ-B04-M3D-001-ModeloTramoNativo.rvt	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
GRUPO 2	Modelo tramo OpenBIM	MEMSP-EMPRESA-101-ZZZ-B04-M3D-001-ModeloTramoOpenBIM.rvt	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
GRUPO 2	Modelo tramo nativo	MEMSP-EMPRESA-101-ZZZ-B04-M3D-001-ModeloTramoNativo.rvt	EMPRESA 2	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
GRUPO 2	Modelo completo federado	MEMSP-EMPRESA-XXX-ZZZ-B04-M3D-001-ModeloCompletoFederado.rvt	EMPRESA 2	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
GRUPO 3	Registro de entregas	MEMSP-EMPRESA-XXX-XXX-B04-M3D-001-RegistroEntregas.xlsx	EMPRESA 1	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
GRUPO 3	Plan de ejecución BIM	MEMSP-EMPRESA-XXX-XXX-B04-M3D-001-PlanEjecucionBIM.pdf	EMPRESA 2	Nombre Apellido	nombre.apellido@empresa.com	Nombre Apellido	nombre.apellido@empresa.com
Estado: Instrucciones adaptadas Instrucciones redacción Registro de entregas Lista de datos Soporte Ejemplo 12							



# 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.

WHY

NOT?



**¡ Gracias !**

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