



Spain presentation

Since 2015 Spain has been committed to implementing BIM in public and private spheres.

First step was the **es.BIM Commission** with five Working Groups involving more than 120 professionals.

NOW: *The Inter-Ministerial Commission for the Incorporation of BIM Methodology in public procurement. A formal organization in order to achieve the definitive implementation of BIM in Spain.*

- ✓ **WHEN:** December 2018
- ✓ **WHO:** 16 members of 11 Ministries
- ✓ **PRESIDENT:** Undersecretary of the Ministry of Development

MAIN OBJECTIVE:

TO DRAW UP A PLAN TO INCORPORATE BIM METHODOLOGY IN PUBLIC PROCUREMENT

TWO COMMITTEES:

- **The Technical Committee:** assist the Commission in carrying out its functions
- **The Territorial Coordination Committee:** a fórum for exchanging information with regional and local bodies.
- **Other Committees** (Implementation and Data Security)

NEXT STEPS:

- ❖ **Developing a collaborative common data environment to implement BIM in public procurement**
- ❖ **Information, promotion and training actions**
- ❖ **Representation of Spain in International forums**



BIM PUBLIC PROCUREMENT OBSERVATORY

MEASURING BIM PROGRESS



WHY DO WE NEED TO MEASURE BIM PUBLIC PROCUREMENT?

Three main reasons:

- Lack of standardized procurement documents
- Hundreds of procurers within the three levels of Public Administration: national, regional, local and municipalities (risk of fragmentation)
- Public demand is the main enabling factor in terms of BIM adoption

What is the purpose?

- To improve tender documentation quality
- To have reliable information to provide guides and recommendations
- To Follow the introduction of an open BIM approach
- Enforce the idea of the general adoption



How?

Data from:

- Surveys
- Public procurement platforms

SOURCES

- Official State Gazette (BOE)
- Government Tendering Platform
- Obsevatory form



And What?

INDICATORS

QUANTITATIVE

Evolution over time
Sector
Levels of Government
Location
Phase
Bidding budget
Markets

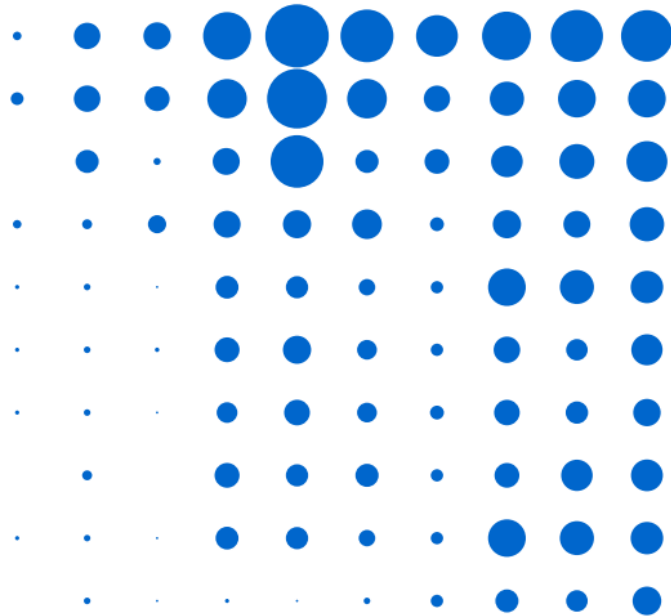
QUALITATIVE

Award criteria
BIM uses
Levels of information
Collaboration requirements
Classification
Standards
Deliverables
Use of Open standards

Observatorio de Licitaciones

Análisis de la Inclusión de Requisitos BIM en la Licitación Pública Española

Informe 07- Primer Semestre 2019



QUATERLY REPORT

1st report, September 2017

2nd report, December 2017

3rd report, March 2018

4th report, June 2018

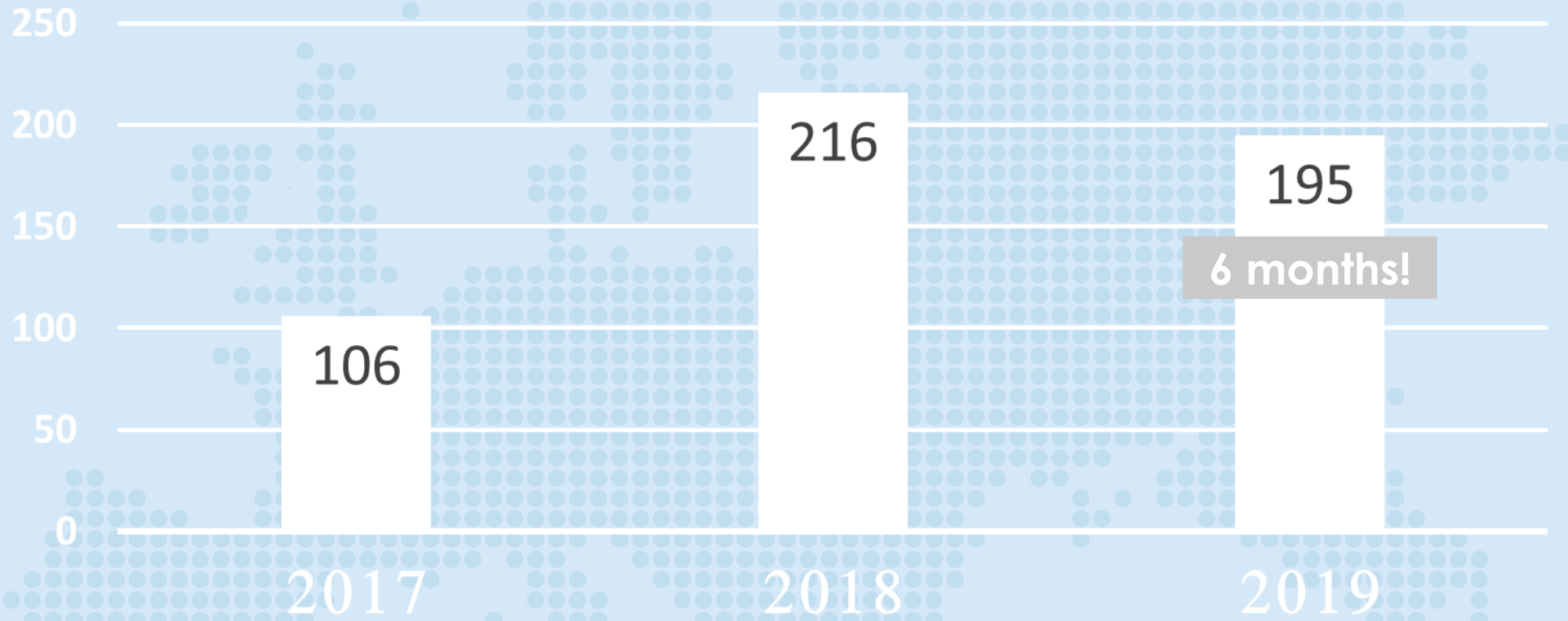
5th report, September 2018

6th report, December 2018

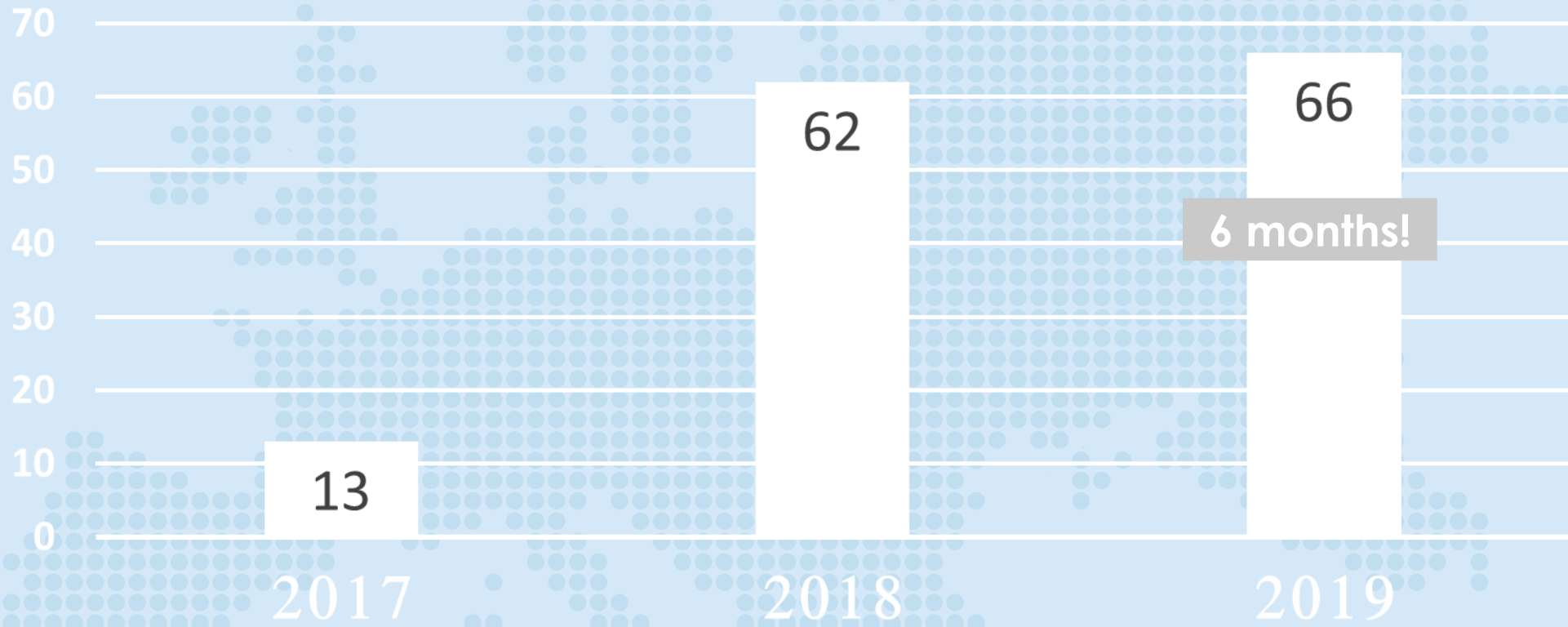
7th report, June 2019

Some figures

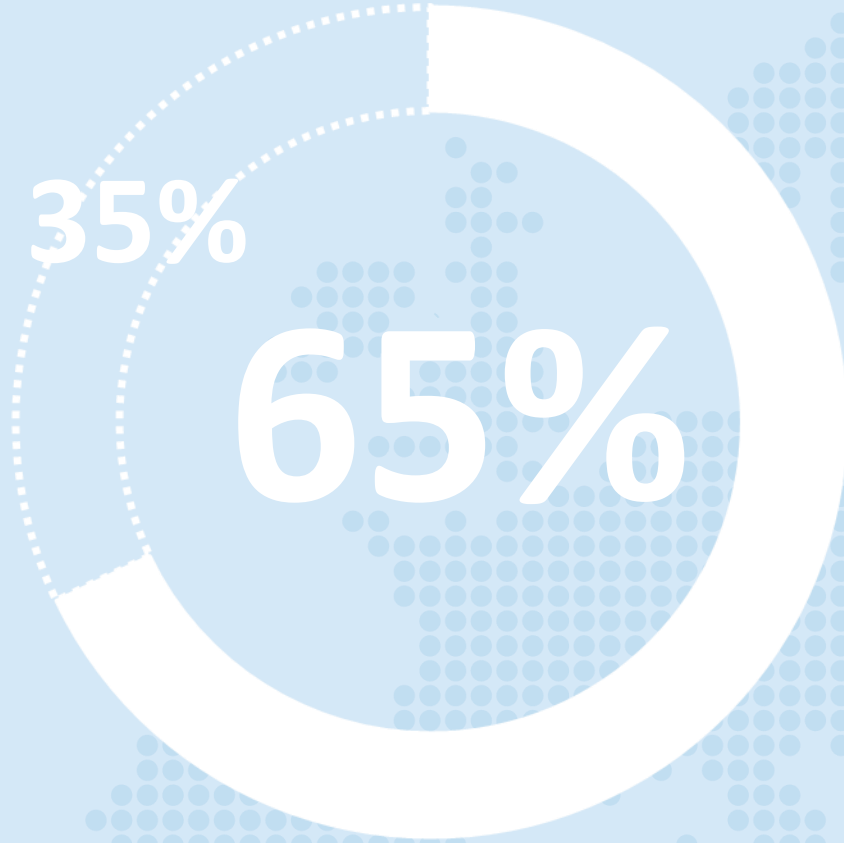
Amount of BIM biddings



Amount of BIM biddings: infrastructure

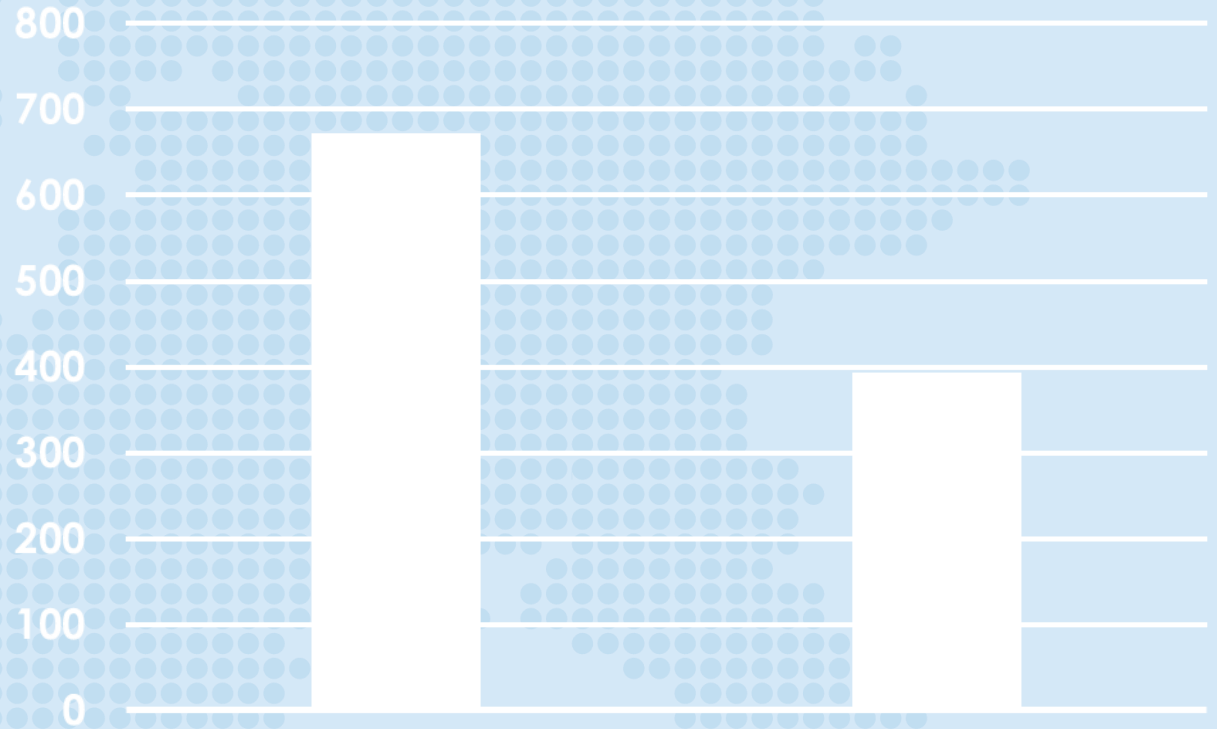


Infrastructures



Buildings

Investment



Buildings

Infrastructures

2018 PUBLIC INVESTMENT
BUILDING + INFRASTRUCTURE

9,793.2 M€

BIM

2018 PUBLIC INVESTMENT
BUILDING + INFRASTRUCTURE

424,8 M€

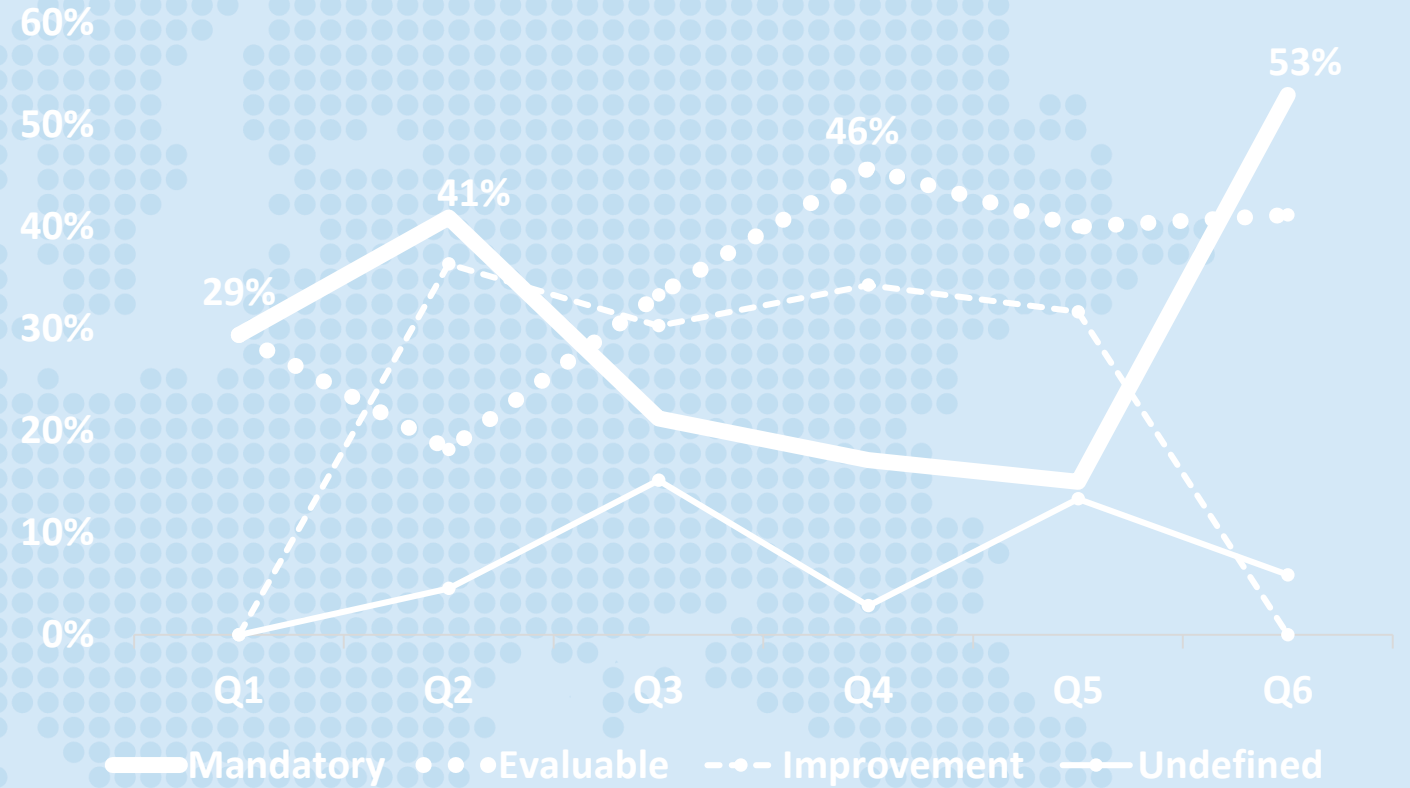
2019 PUBLIC INVESTMENT
BUILDING + INFRASTRUCTURE

9,900.4 M€

BIM

2019 PUBLIC INVESTMENT
BUILDING + INFRASTRUCTURE

843.3 M€





3D COORDINATION

OTHER

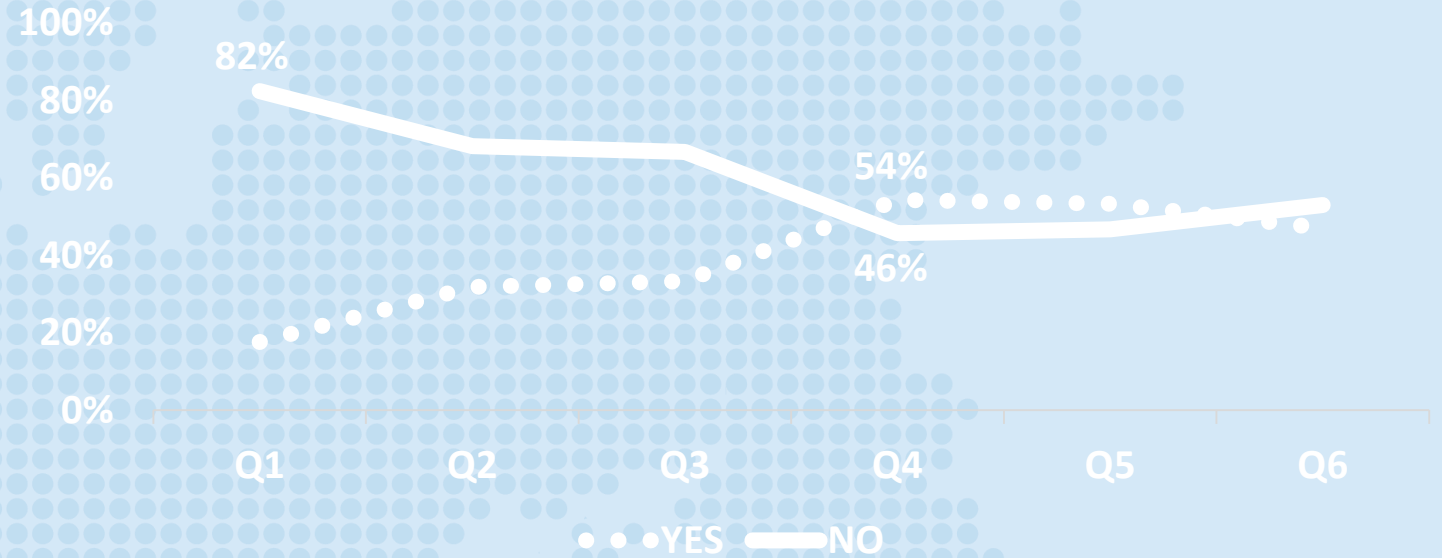
DOCUMENTATION

QUANTITIES

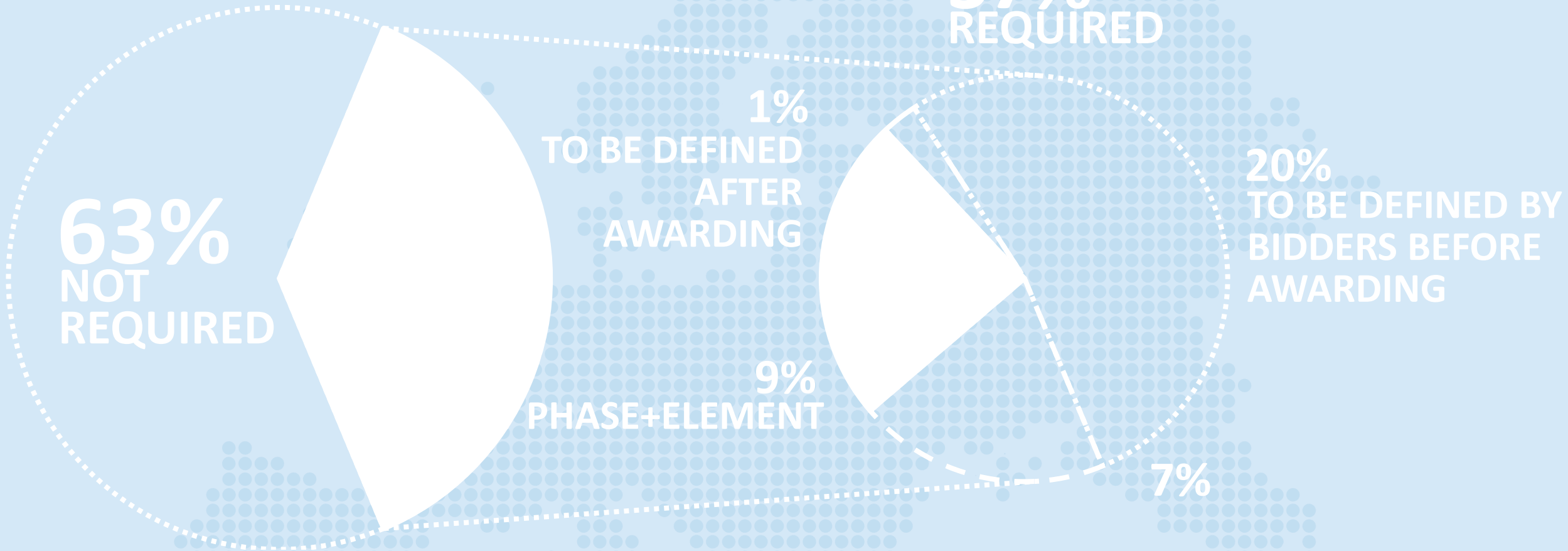
4D SIMULATION

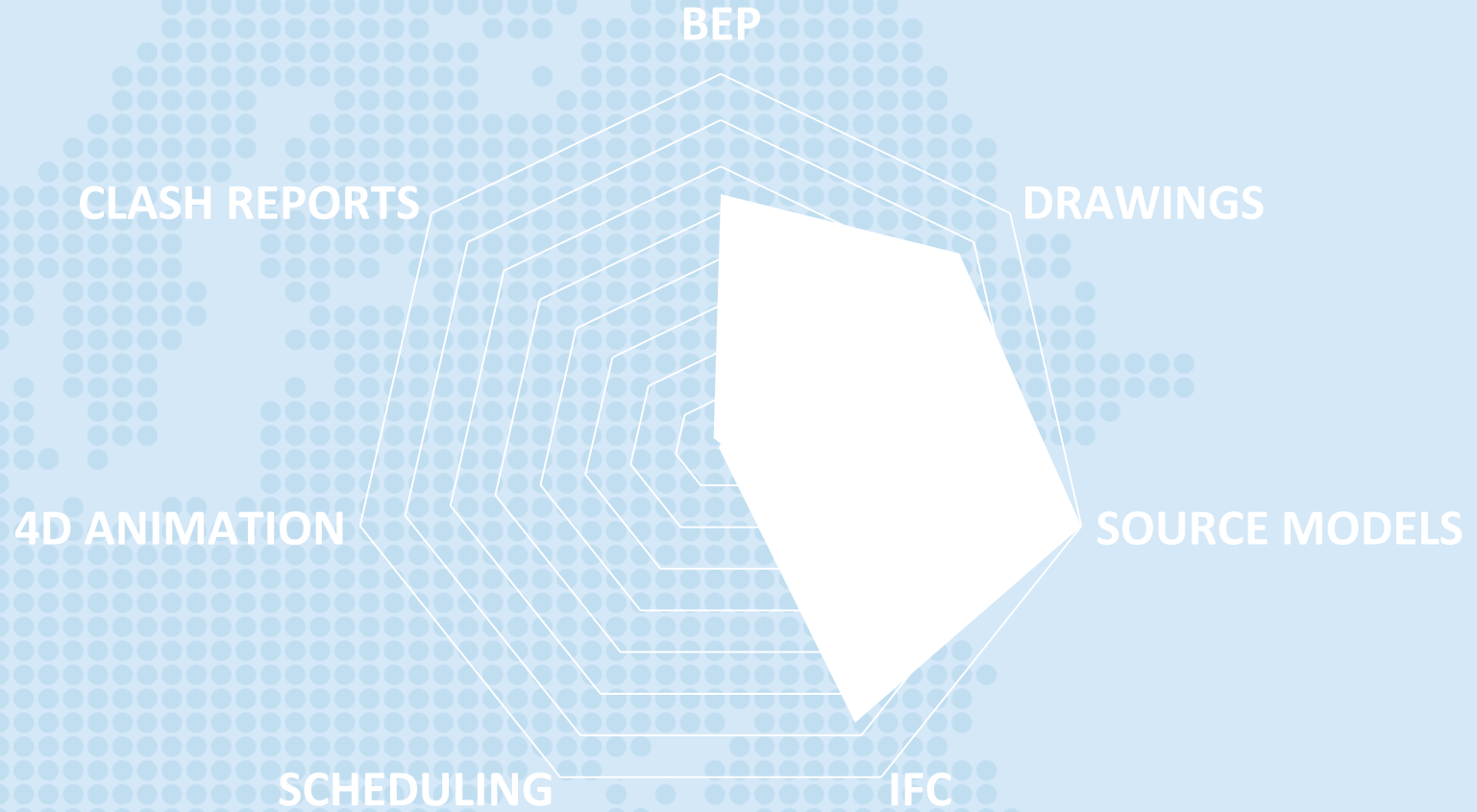
O+M

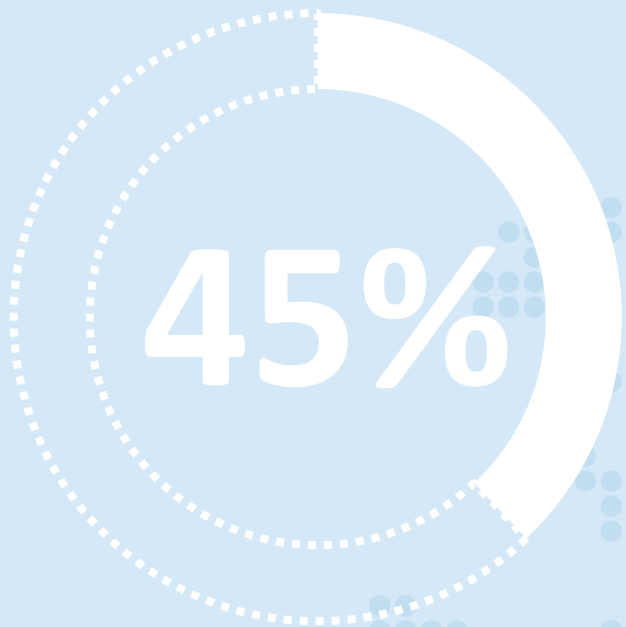
VISUALIZATION



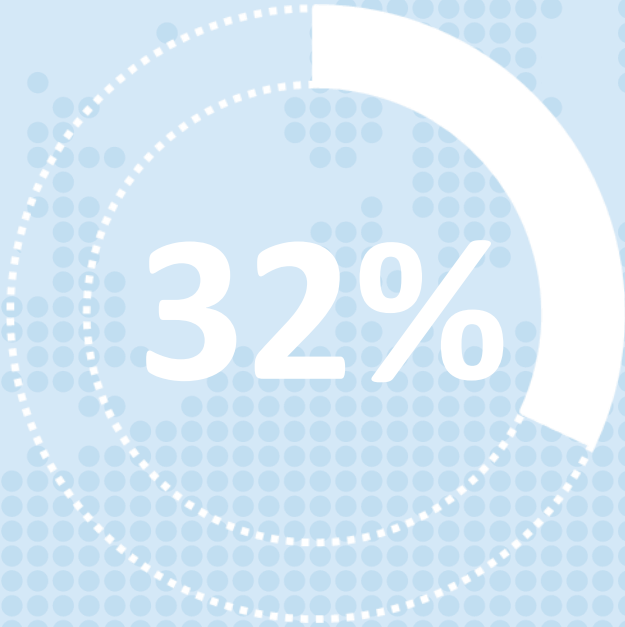
LEVEL OF INFORMATION



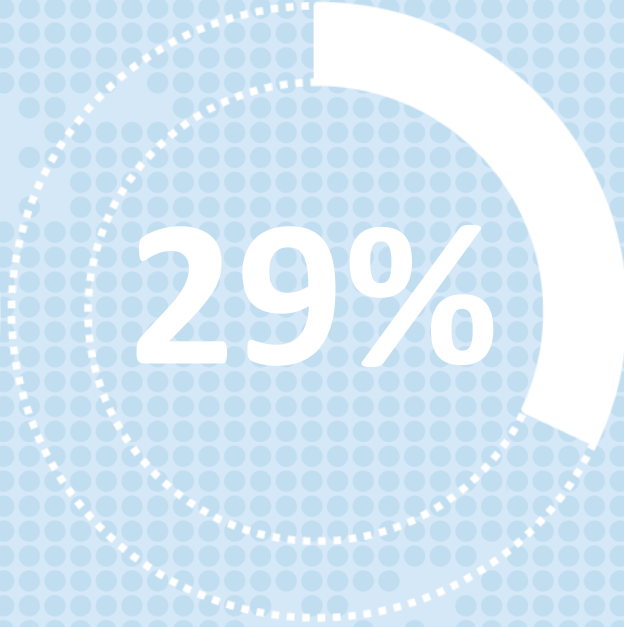




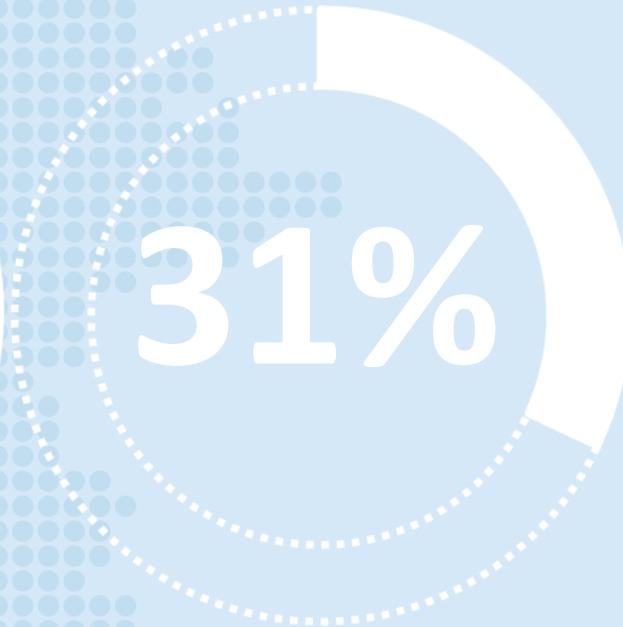
OPEN STANDARDS



COLLABORATION



CLASSIFICATION



STANDARDS