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 forum 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
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

<table>
<thead>
<tr>
<th>QUANTITATIVE</th>
<th>QUALITATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evolution over time</td>
<td>Award criteria</td>
</tr>
<tr>
<td>Sector</td>
<td>BIM uses</td>
</tr>
<tr>
<td>Levels of Government</td>
<td>Levels of information</td>
</tr>
<tr>
<td>Location</td>
<td>Collaboration requirements</td>
</tr>
<tr>
<td>Phase</td>
<td>Classification</td>
</tr>
<tr>
<td>Bidding budget</td>
<td>Standards</td>
</tr>
<tr>
<td>Markets</td>
<td>Deliverables</td>
</tr>
<tr>
<td></td>
<td>Use of Open standards</td>
</tr>
</tbody>
</table>
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

2017: 106
2018: 216
2019: 195

6 months!
Amount of BIM biddings: infrastructure

- 2017: 13
- 2018: 62
- 2019: 66

6 months!
2018 PUBLIC INVESTMENT BUILDING + INFRASTRUCTURE

9,793.2 M€

BIM

2018 PUBLIC INVESTMENT BUILDING + INFRASTRUCTURE

424,8 M€
51% USES

3D COORDINATION

OTHER

DOCUMENTATION

VISUALIZATION

QUANTITIES

4D SIMULATION

O+M

Q1 Q2 Q3 Q4 Q5 Q6

YES NO

82%

54%

46%

0%

20%

40%

60%

80%

100%
LEVEL OF INFORMATION

- **63%** NOT REQUIRED
- **37%** REQUIRED
- **20%** TO BE DEFINED BY BIDDERS BEFORE AWARDING
- **1%** TO BE DEFINED AFTER AWARDING
- **9%** PHASE + ELEMENT
- **7%**
65% BIM DELIVERABLES