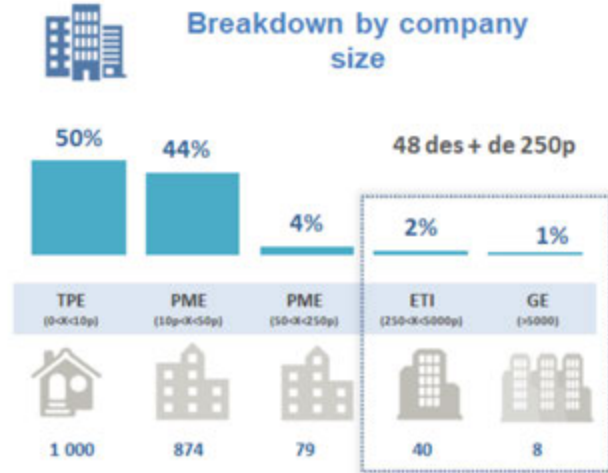


BIM in the construction sector : what's going on?

Plan BIM 2022 BAROMETER
(Captured for 2020 in FRANCE)



Sample surveyed: 2,001 respondents



As the number of responses for ETI and GE was insufficient to allow statistical analysis, they were grouped together

"94% of respondents have fewer than 50 employees."



"The most represented trades: construction companies and contractors."



37%

actors in the sector are convinced that BIM is a strategic issue or important for their business.



87%

of those who are informed about BIM say they know and understand the BIM process.



65%

of those who use BIM highlight the effectiveness of teamwork, optimization of the quality of projects and time saving.

BIM practices still sparsely widespread

31% consider themselves sufficiently informed about BIM but less than 10% have implemented actions to deploy it.

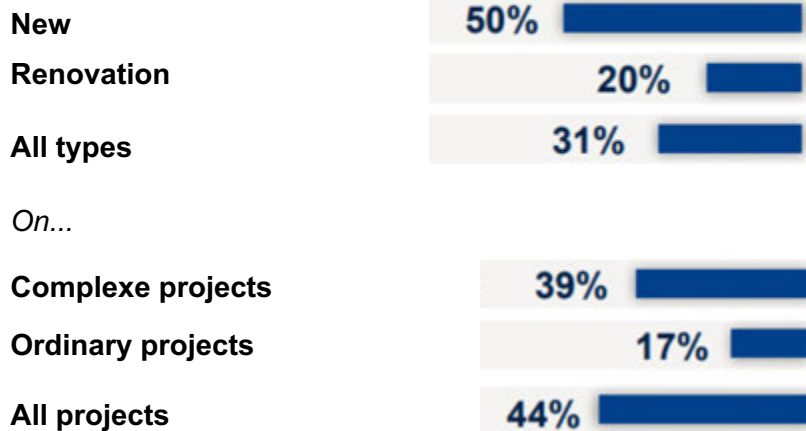
48% of those who work in BIM say they use it in less than 10% of their projects (only 10% say that this concerns all their activity)

6% say they use it in their projects.



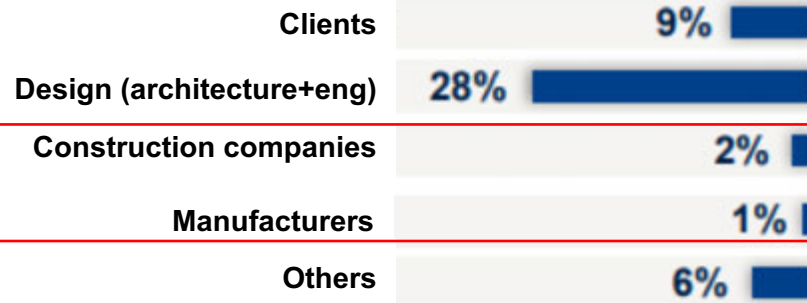
What is the use of BIM today?

Those who use BIM do so in the market ...



Specificities by profession

% who use BIM in their projects



Next results in late 2021!

SBS activities and position on BIM and within the TC 442



Structure of TC442:

Plenary

- **WG 1** Terminology
- **WG 2** Exchange Information
- **WG 3** Information Delivery Specification
- **WG 4** Support Data Dictionaries
- **WG 5** Strategy
- **WG 6** Infrastructure
- **WG 7** Horizontal role

~30 active projects



Structure of CEN/TC 442 – Building Information Modelling - BIM

Chair Øivind Rooth
Secretary Lisbet Landfald

WG 1: Terminology, UK
Convener: Dan Rossiter

WG 2: Exchange Information, Germany
Convener: Thomas Liebich

TG 1 PL: Marzia Bolpagni, Italy

WI 442009 prEN 17412 BIM – Level of Information Need -Concepts and principles

WI 442030 LOIN Part 2
WI 442029 LOIN Part 3

TG 2
prEN ISO 21597-1 and -2
VA ISO lead

TG 3

Team 1 PL: Klaus Angelwort, DE
WI 442018 prEN XXX Exchange structure for product data templates and product data based on ifcXML

Team 2 PL: Daniel Said, France
WI 442033 prEN XXX Exchange structure for product data templates and product data based on ifcXML-Part 2 Requirements and configurable products

TG 4 PL: Ulrich Hartmann, DE
WI 442032 Common Data Environments (CDE) for BIM projects –Open data exchange between platforms of different vendors via an open CDE API

WG 3: Information Delivery Specification, Austria
Convener: Peter Kompolschek

TG 1

PL: Marie C Coin, France
Co-lead Manfred Huber, Switzerl.

WI 442022 CEN/TR 17439 Guidance on how to implement EN ISO 19650-1 and -2 in Europe

TG 2 PL: Steen Sunesen, Norway

WI 442024 prCEN/TR Guideline for the implementation of BIM Execution Plans (BEP) and Exchange Information Requirements (EIR) on European level based on EN ISO 19650-1 and -2

TG 3 PL: Tomi Henttinen, Finland

WI 442023 prCEN/TR Guideline on how to understand and utilize EN/ISO 29481 Building information models - Information delivery manual - Part 1: Methodology and format and Part 2: Interaction framework

TG 4 PL: Volker Krieger, DE

WI 442031 prCEN/TR Framework and Implementation of Common Data Environment Solutions, in accordance with EN ISO 19650

WG 4: Support Data Dictionaries, France
Convener: Roland Dominici

TG 1

PL: Frederic Grand, France

WI 442007 EN ISO 23386:2020 Building information modelling and other digital processes used in Construction – Methodology to describe, author and maintain properties in interconnected dictionaries

TG 2

PL: Espen Schulze, Norway

WI 442010 prEN ISO 23387 Building Information Modelling (BIM) - Data templates for construction objects used in the life cycle of any built asset - Concepts and principles

WI 442008 prEN 17473 Framework for product data templates based on harmonized technical specifications under the Construction Products Regulation (CPR), and how to relate the product data templates to Industry Foundation Classes (IFC)

TG 3

PL: Benno Koherst, Netherland

WI 442021 prEN XXX Building Information Modelling (BIM) - Modelling and linking between semantic ontologies

WG 5: Chairman's Advisory Group, Norway
Convener: Øivind Rooth

TG

Strategy and Planning
Co convenors Anne Kemp (UK), Øivind Rooth

WG 6: Infrastructure, Norway
Convener: Thomas Jenssen

WI 442027 BIM in infrastructure – standardization need and recommendations

WG 7: Horizontal role, France

Convener: Manuela Tancogne-Dejean



More about CEN TC 442 : the webinar



Thank you !

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