

Digicon / IBC National BIM Survey

2013 Survey Results



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Digicon / IBC National BIM Survey

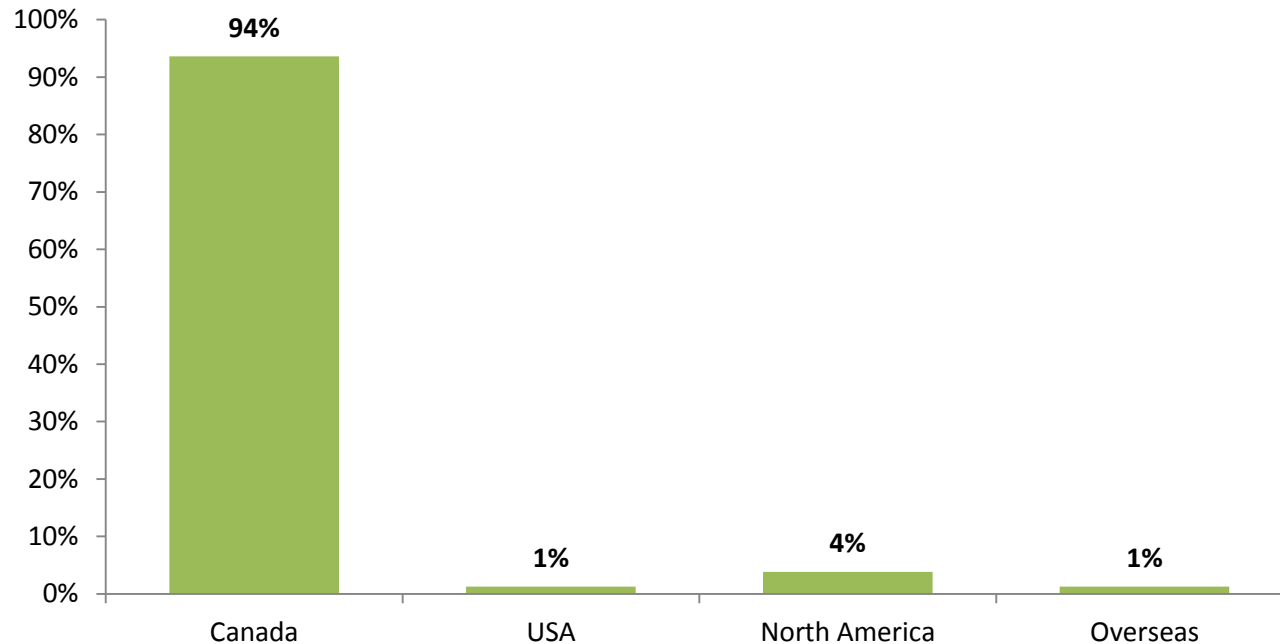
During the beginning of 2013 NBS, and Digicon / IBC worked together to survey attitudes towards BIM in Canada. The following slides outline the main findings.

The survey was live between February and March 2013.

78 people, from a range of disciplines and company types responded.

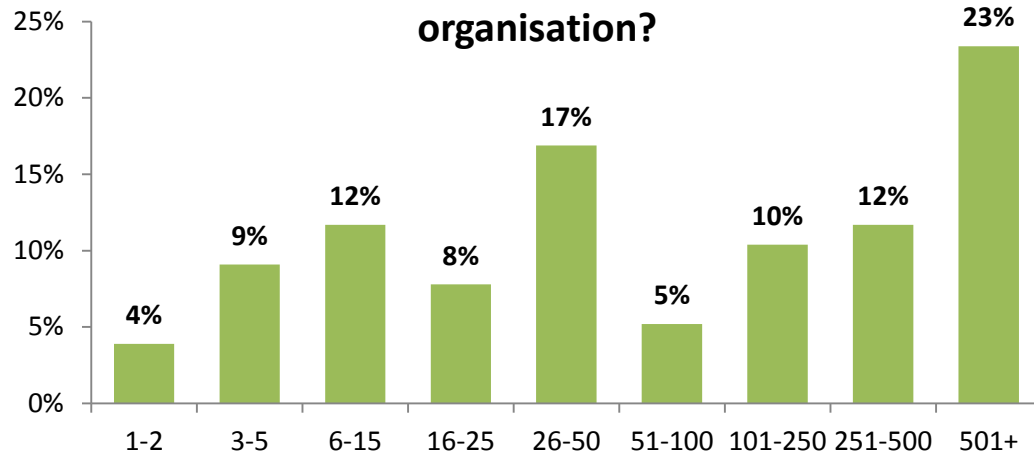
Digicon / IBC National BIM Survey: Respondents

Where are you currently doing most of your work?

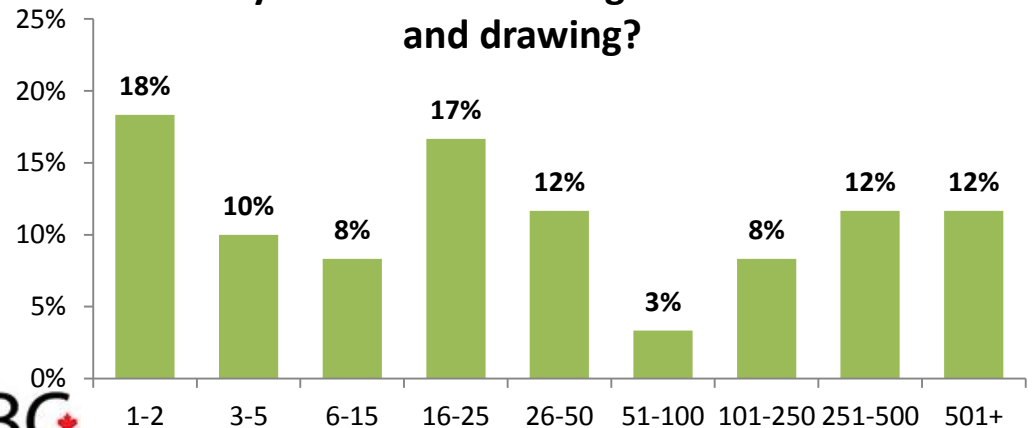


Digicon / IBC National BIM Survey: Respondents

How many people are employed in your organisation?

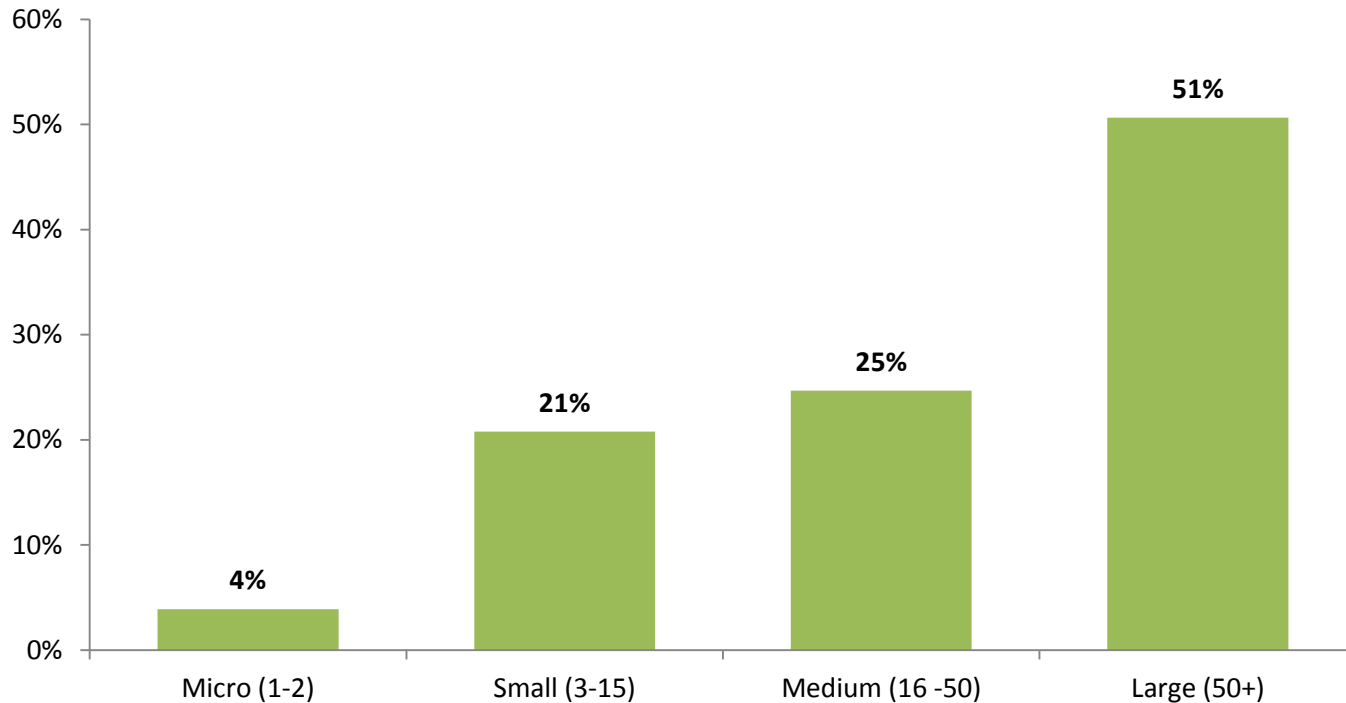


How many people in your organisation are directly involved in building documentation and drawing?



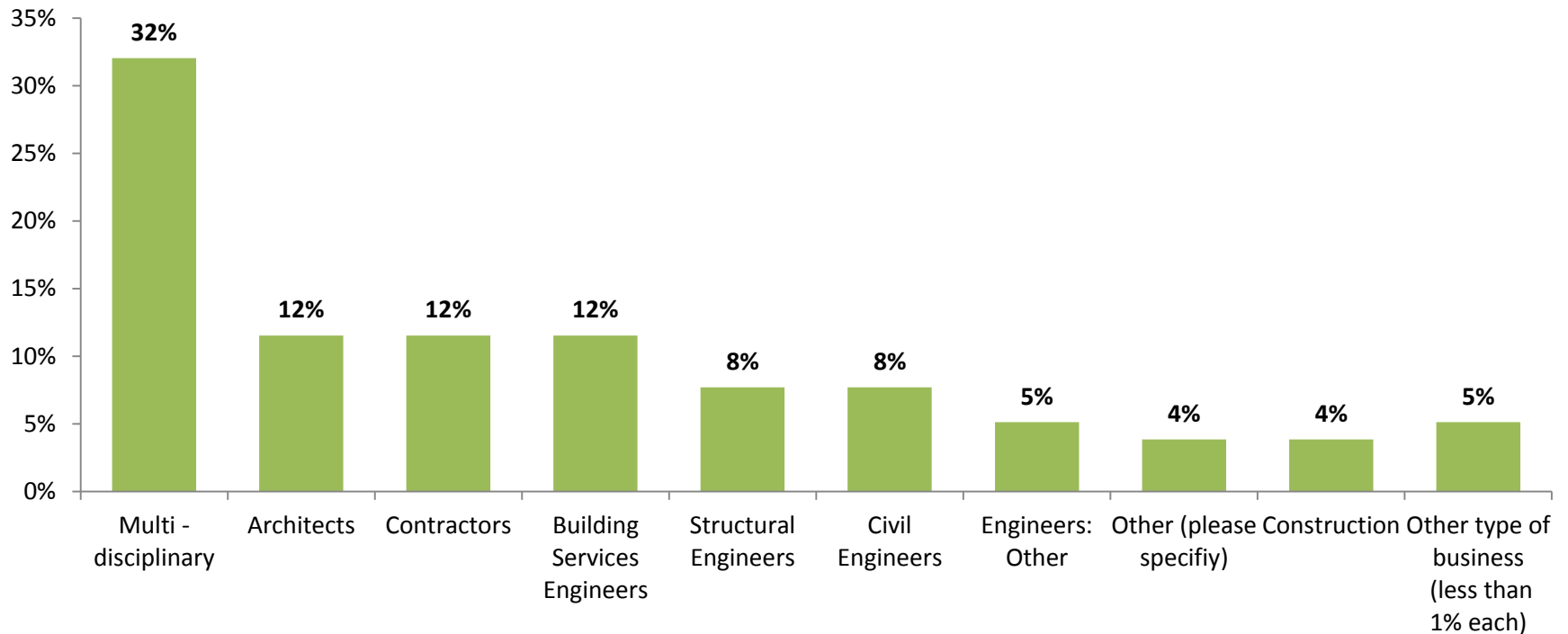
Digicon / IBC National BIM Survey: Respondents

Including yourself, approximately how many people are employed in your organisation?



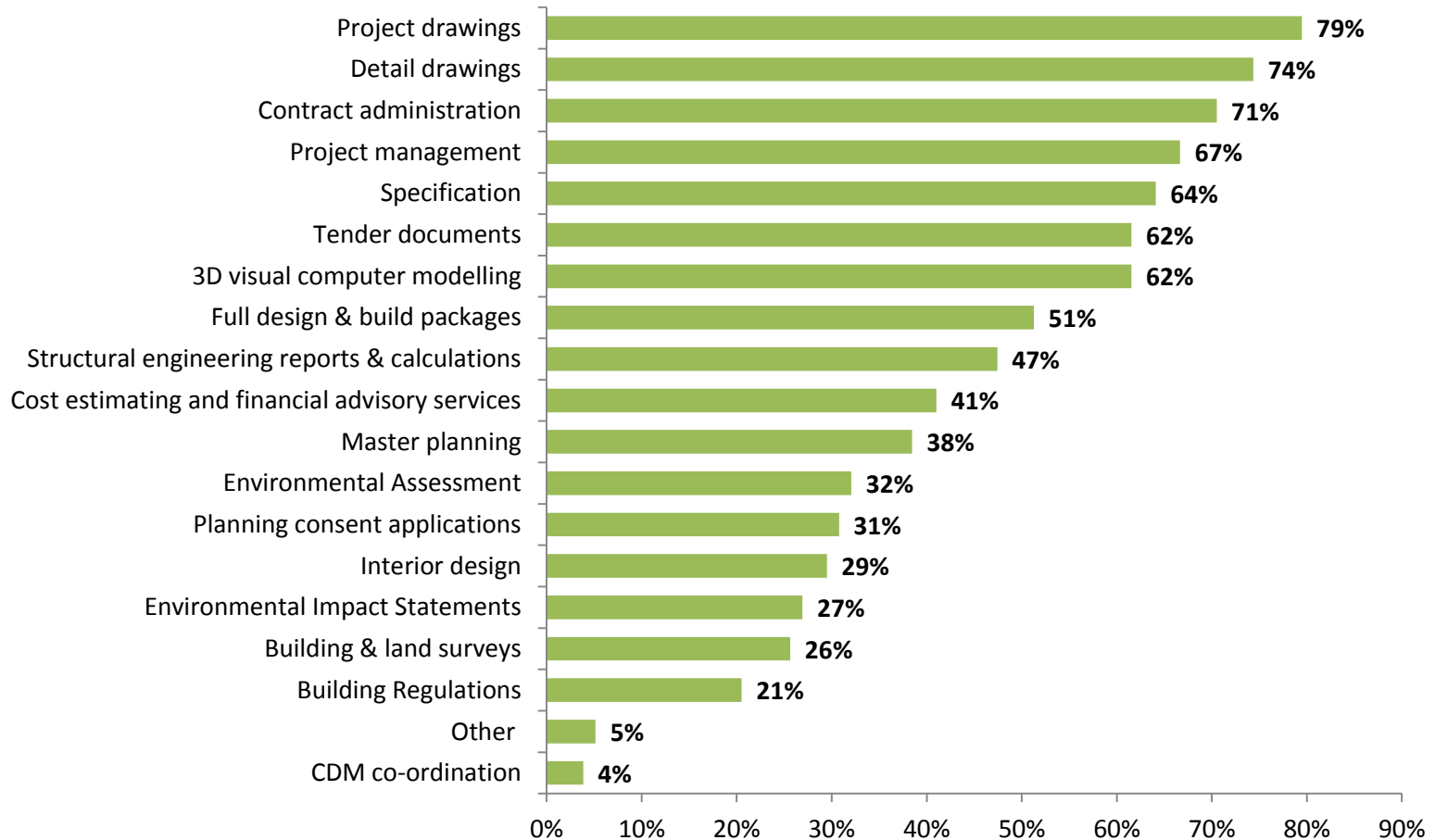
Digicon / IBC National BIM Survey: Respondents

Which of the following best describes your organisation's type of business?

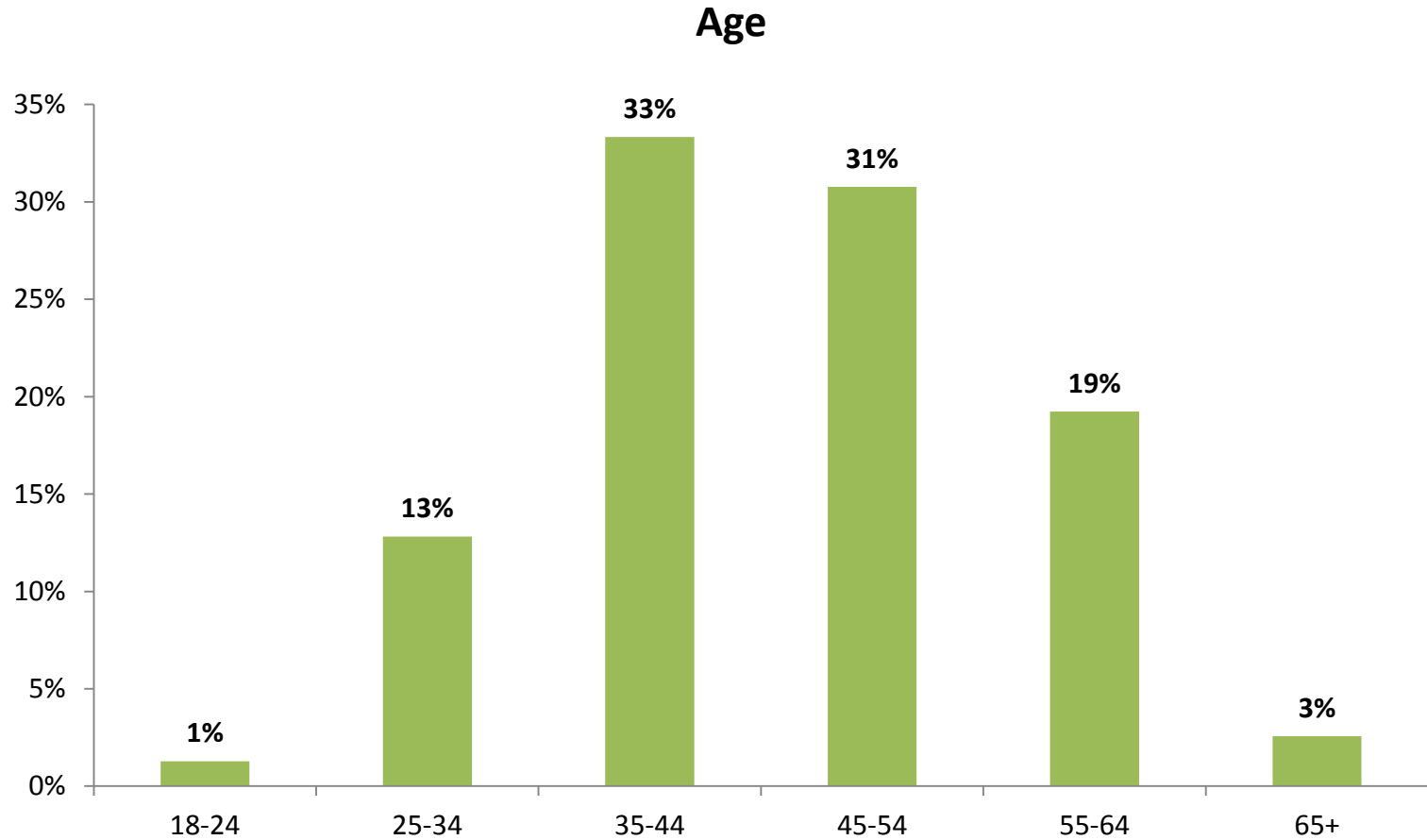


Digicon / IBC National BIM Survey: Respondents

Which services does your organisation offer?

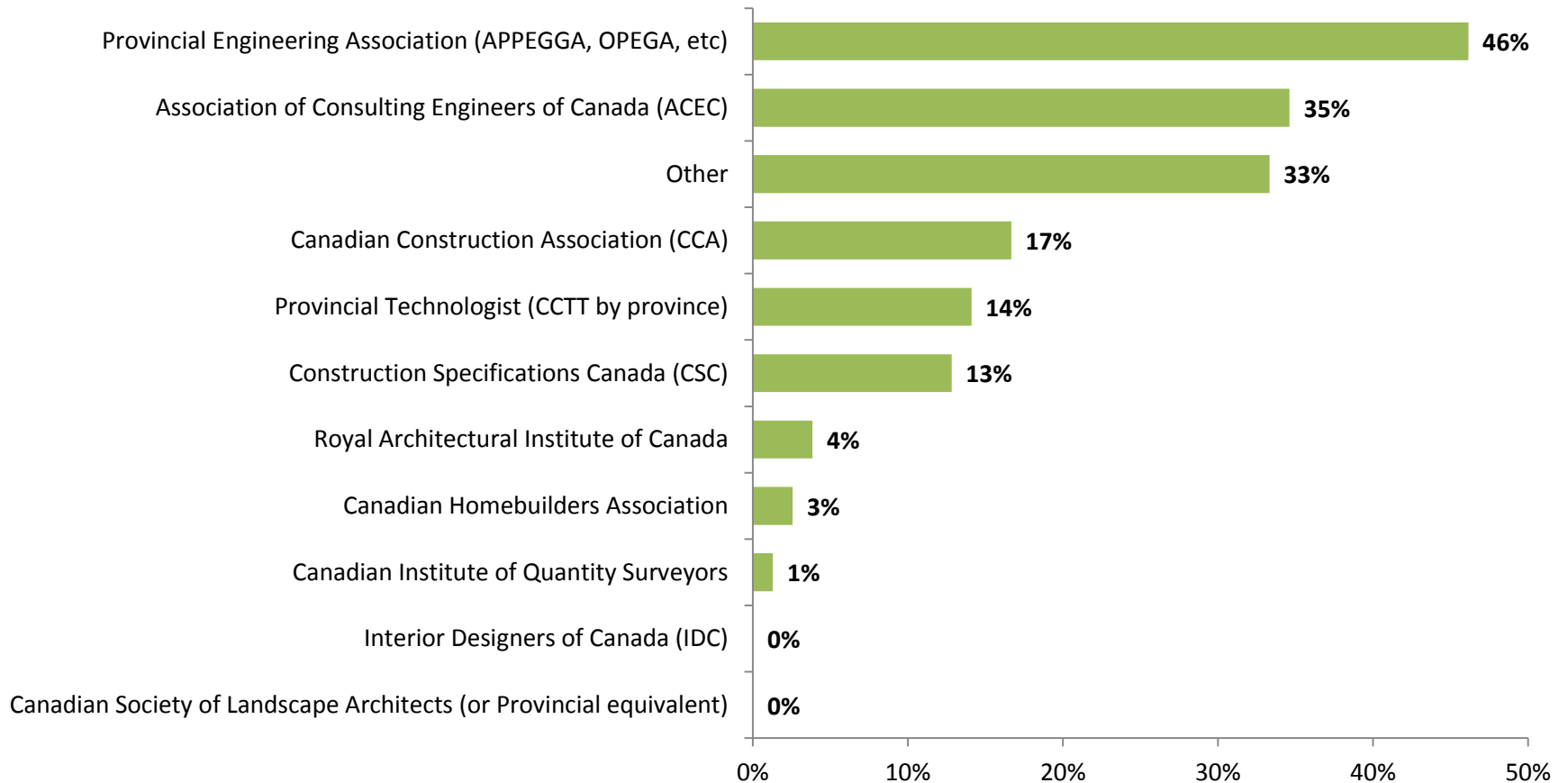


Digicon / IBC National BIM Survey: Respondents



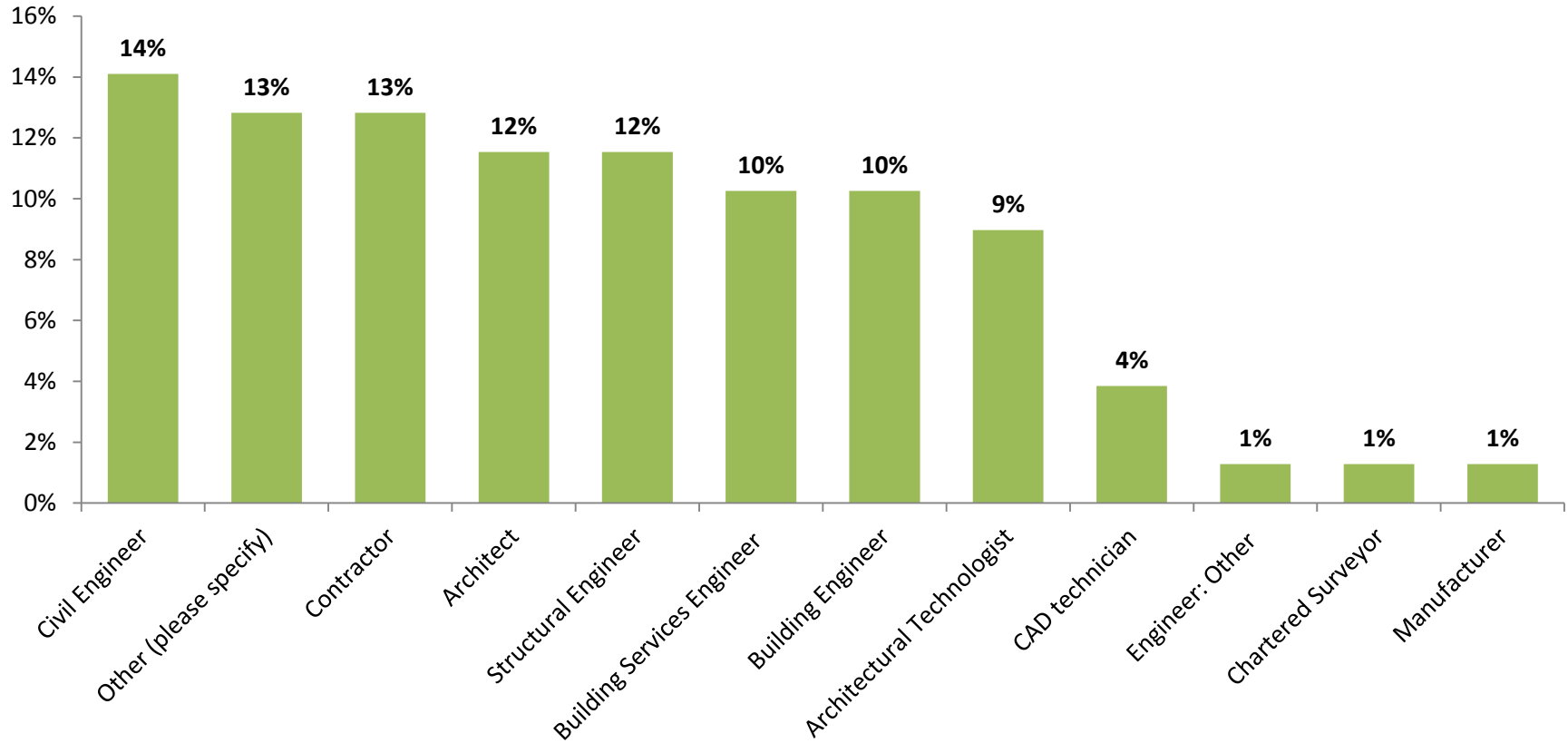
Digicon / IBC National BIM Survey: Respondents

Which institutes or associations do you belong to?



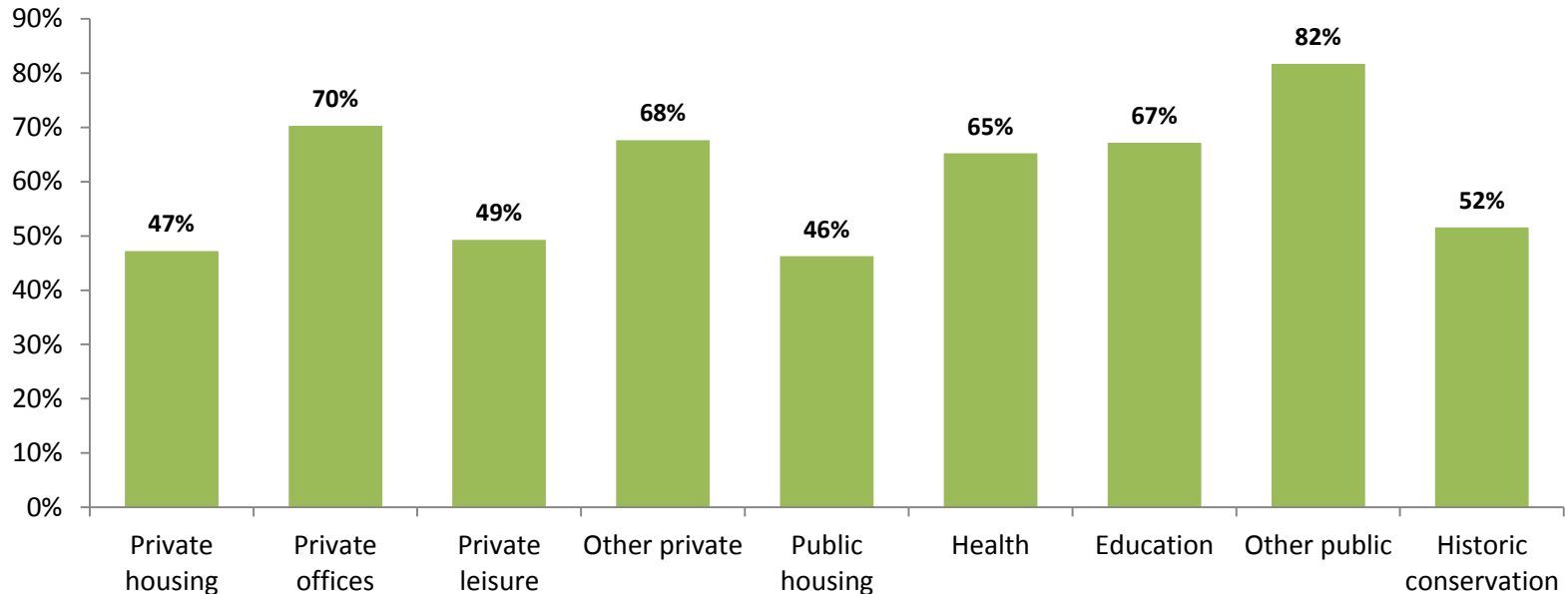
Digicon / IBC National BIM Survey: Respondents

What is your main discipline?



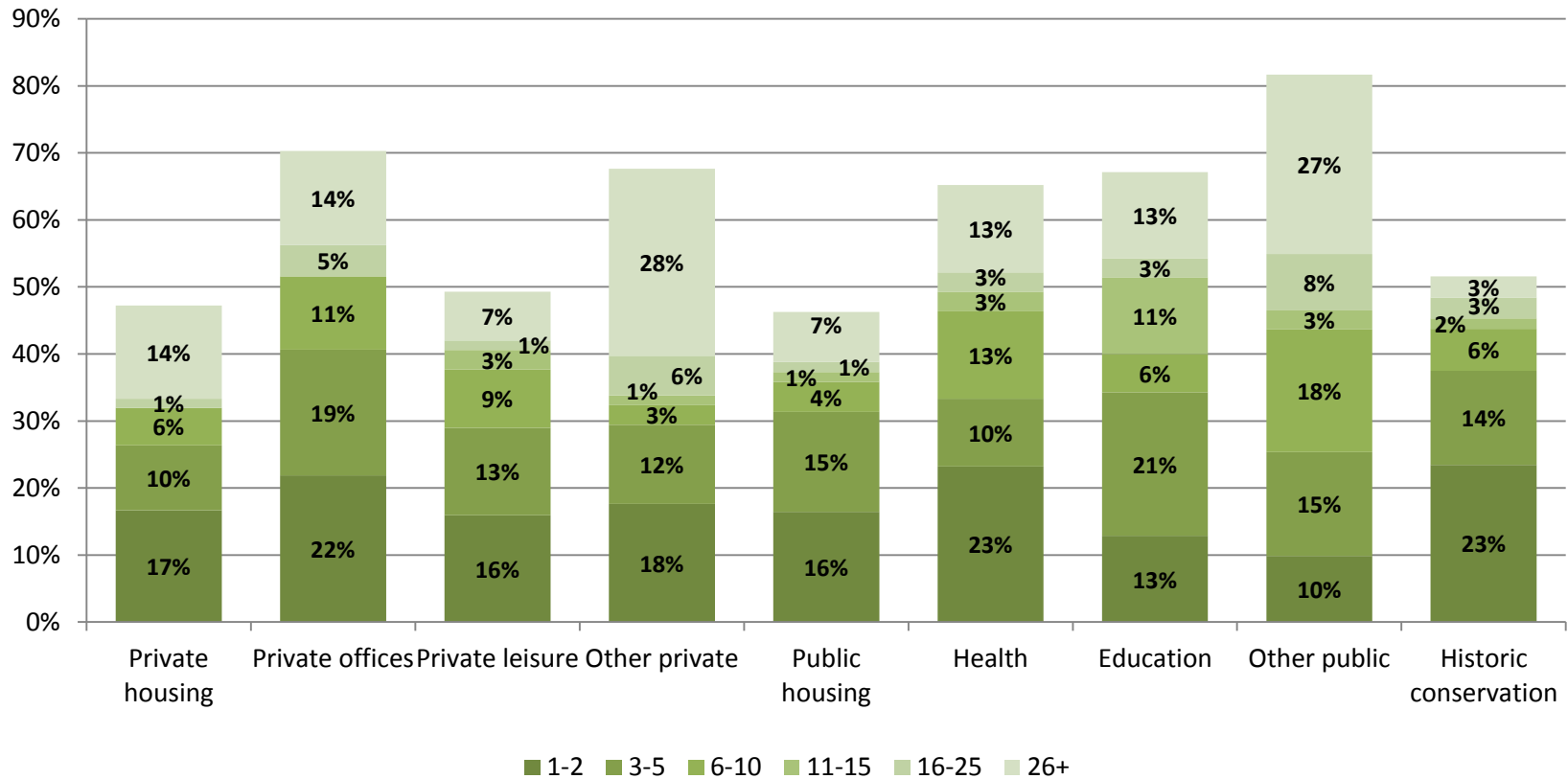
Digicon / IBC National BIM Survey: Projects

**In the last 12 months, how many projects has your organisation been involved in for the following types of work?
(one or more projects of the type...)**



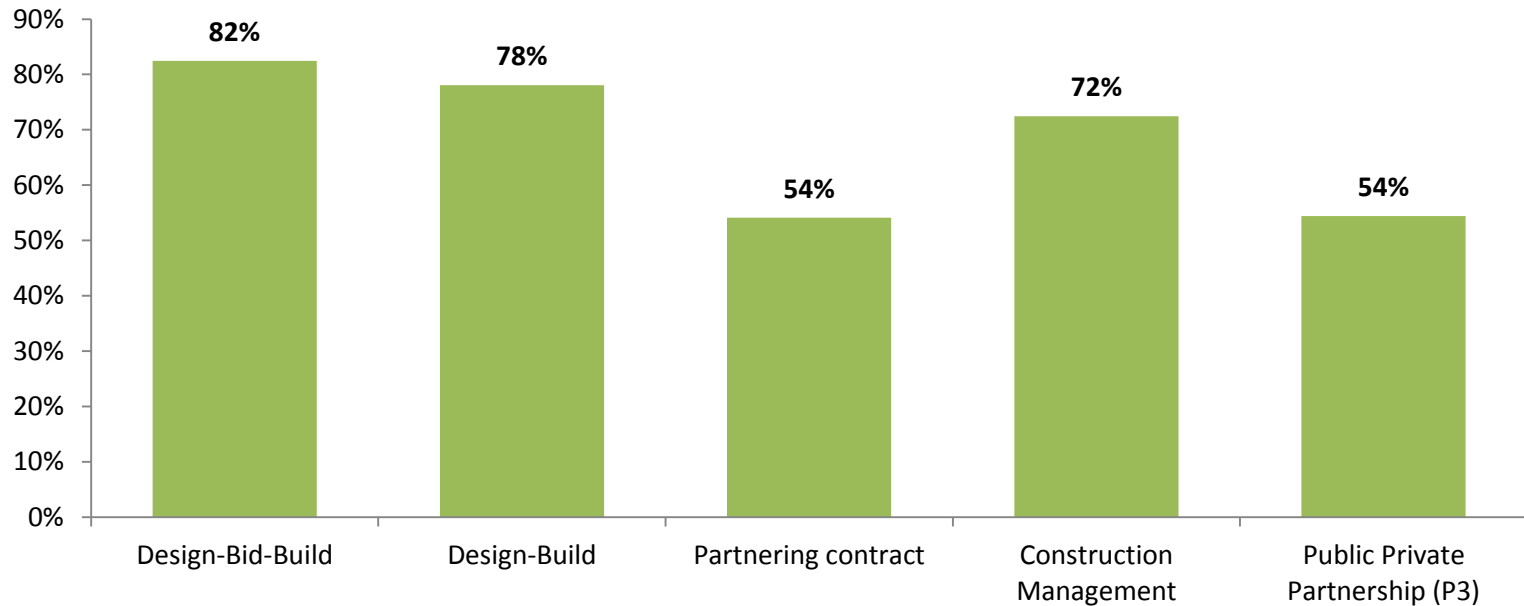
Digicon / IBC National BIM Survey: Projects

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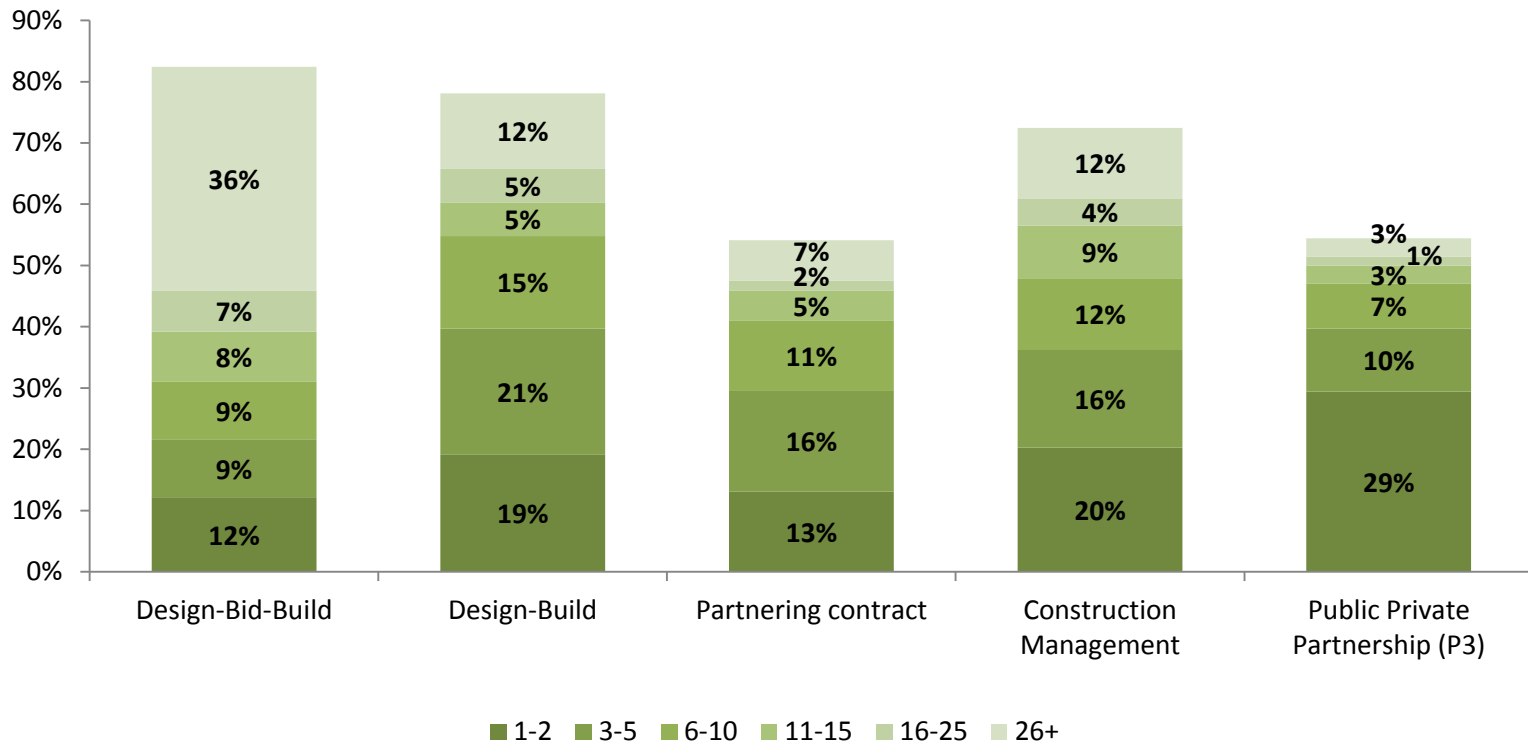
Digicon / IBC National BIM Survey: Projects

**In the last 12 months, how many projects has your organisation been involved in using the following procurement methods?
(one or more projects of the type...)**



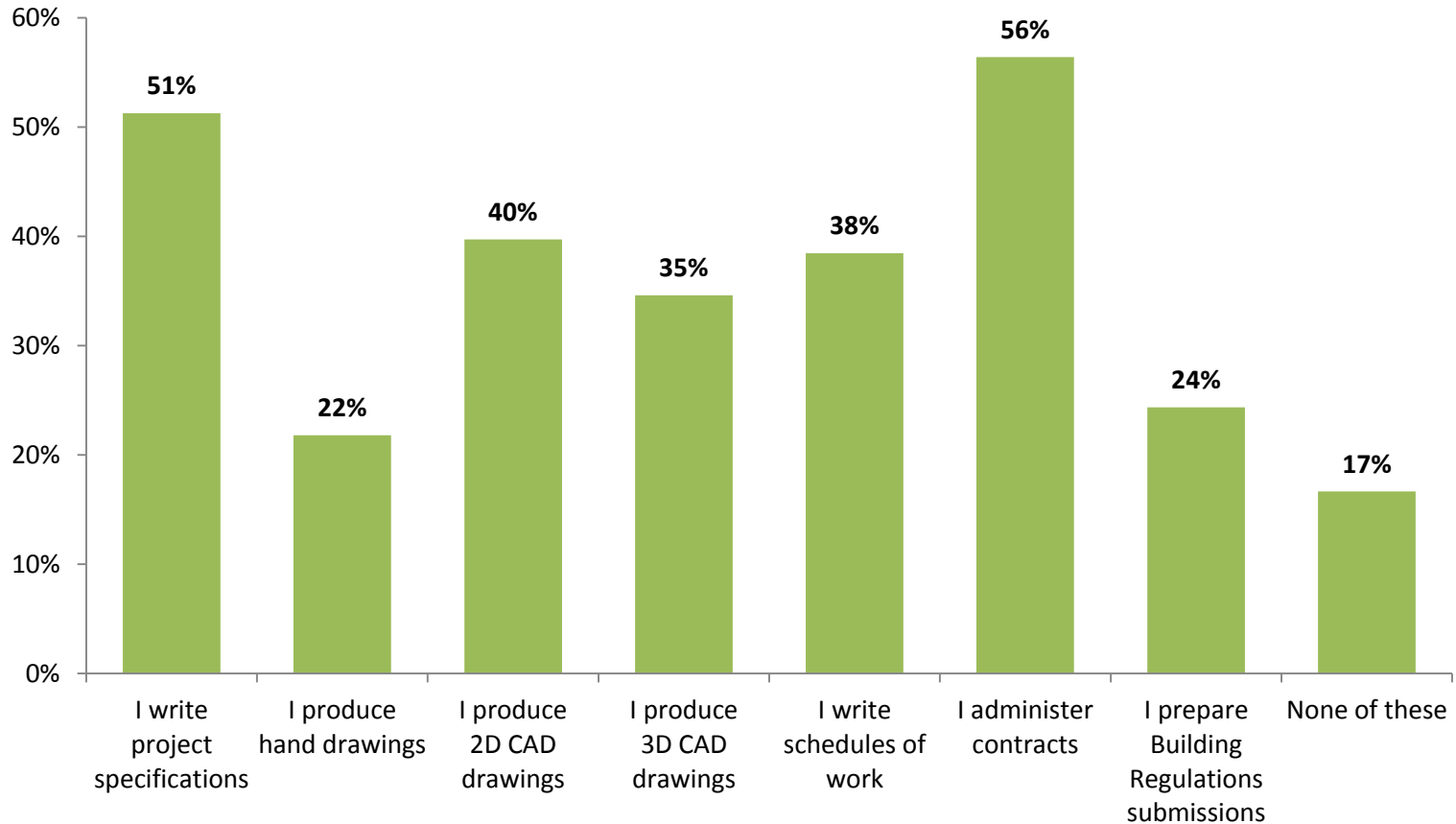
Digicon / IBC National BIM Survey: Projects

**In the last 12 months, how many projects has your organisation been involved in using the following procurement methods?
(one or more projects of the type...)**



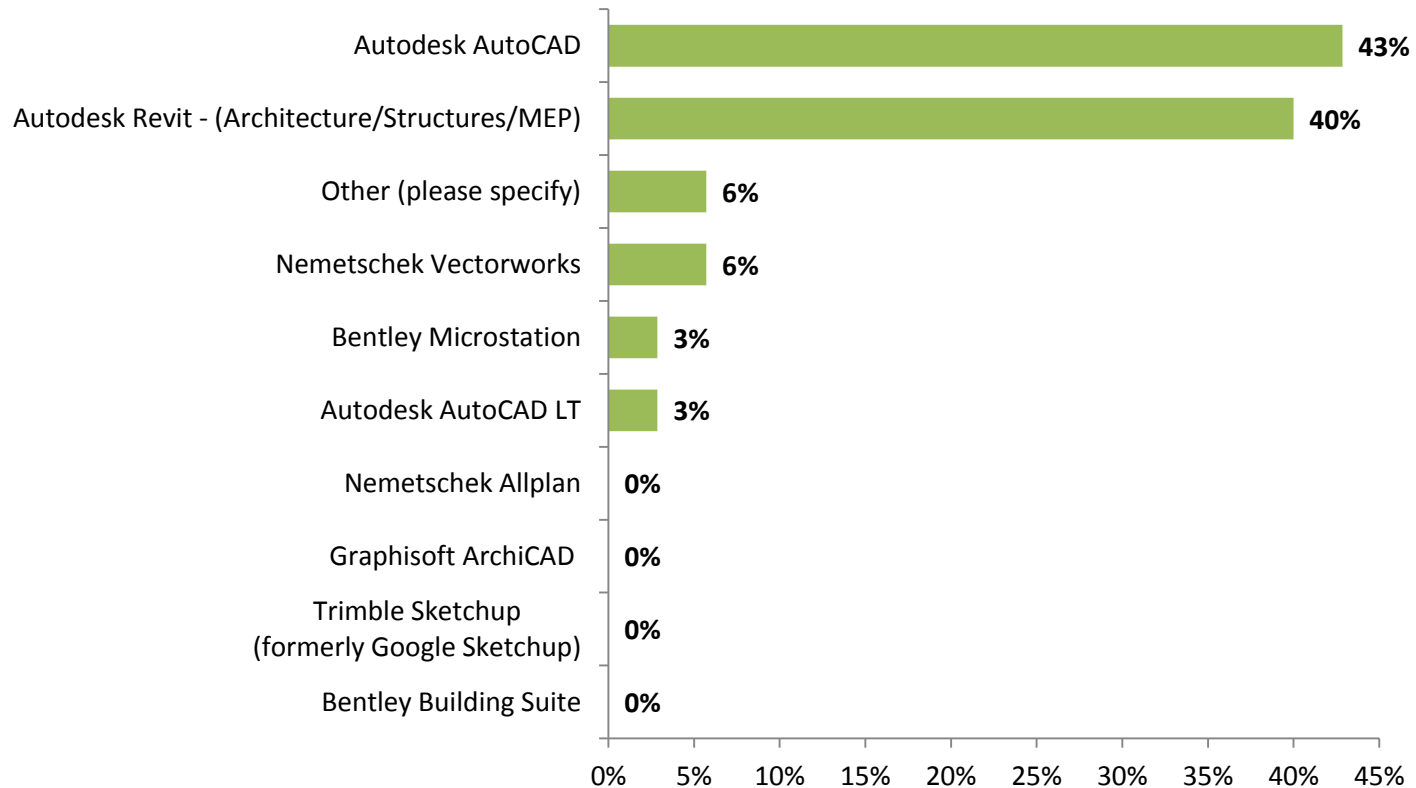
Digicon / IBC National BIM Survey: Working Practices

Which of the following statements apply to you personally?



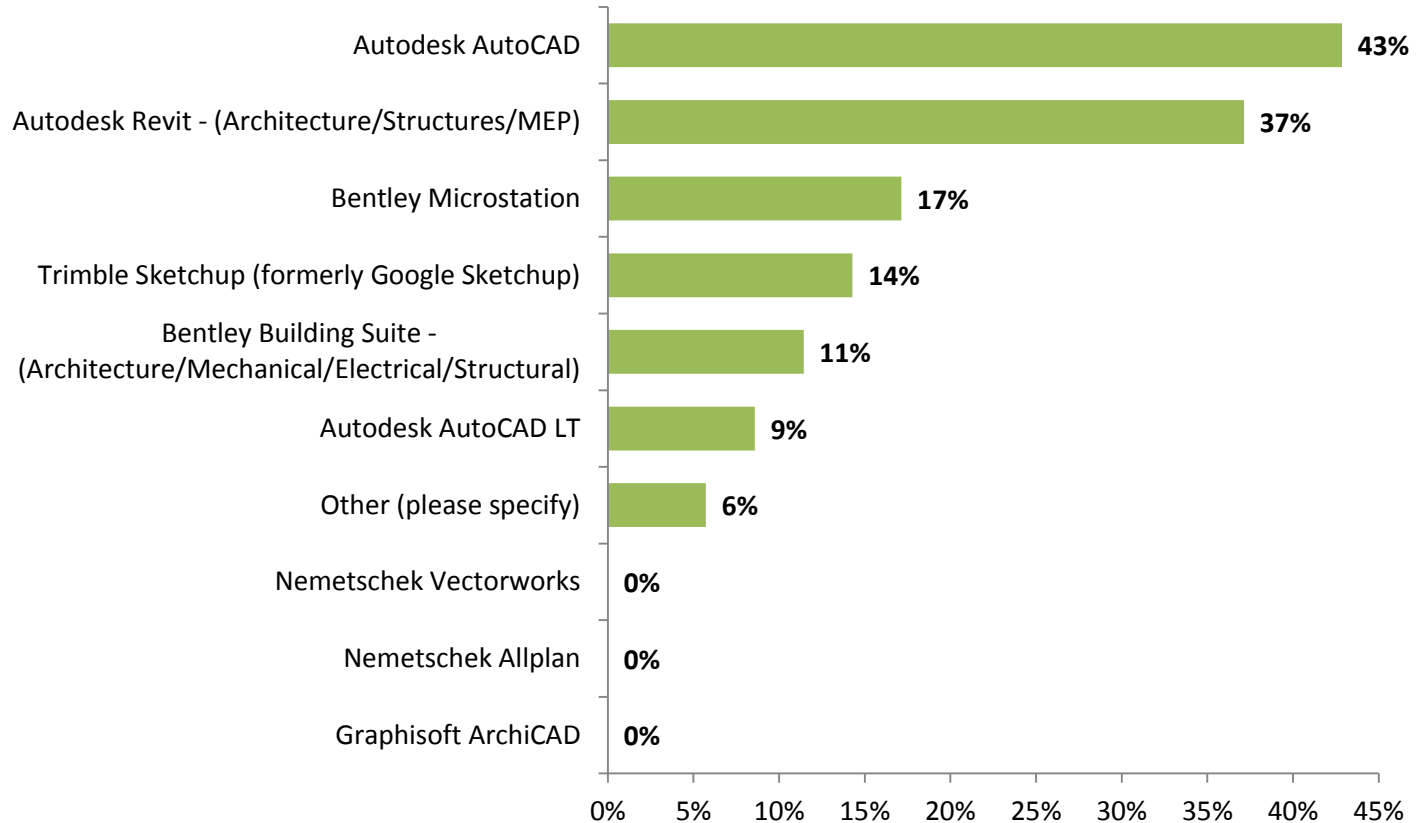
Digicon / IBC National BIM Survey: CAD Usage

When producing CAD drawings, which of the following tools do you mainly use?



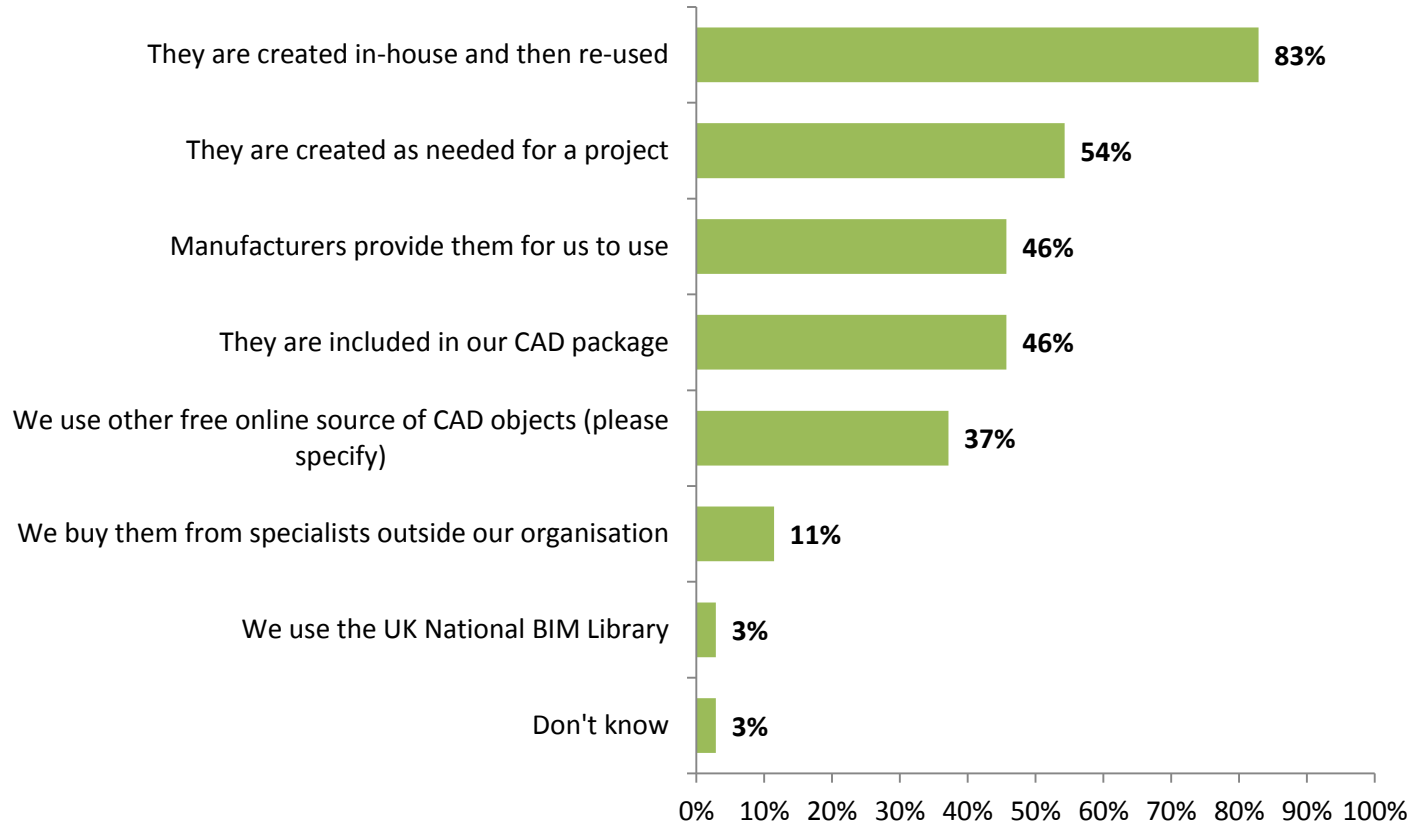
Digicon / IBC National BIM Survey: CAD Usage

Which other tools do you use for producing CAD drawings?



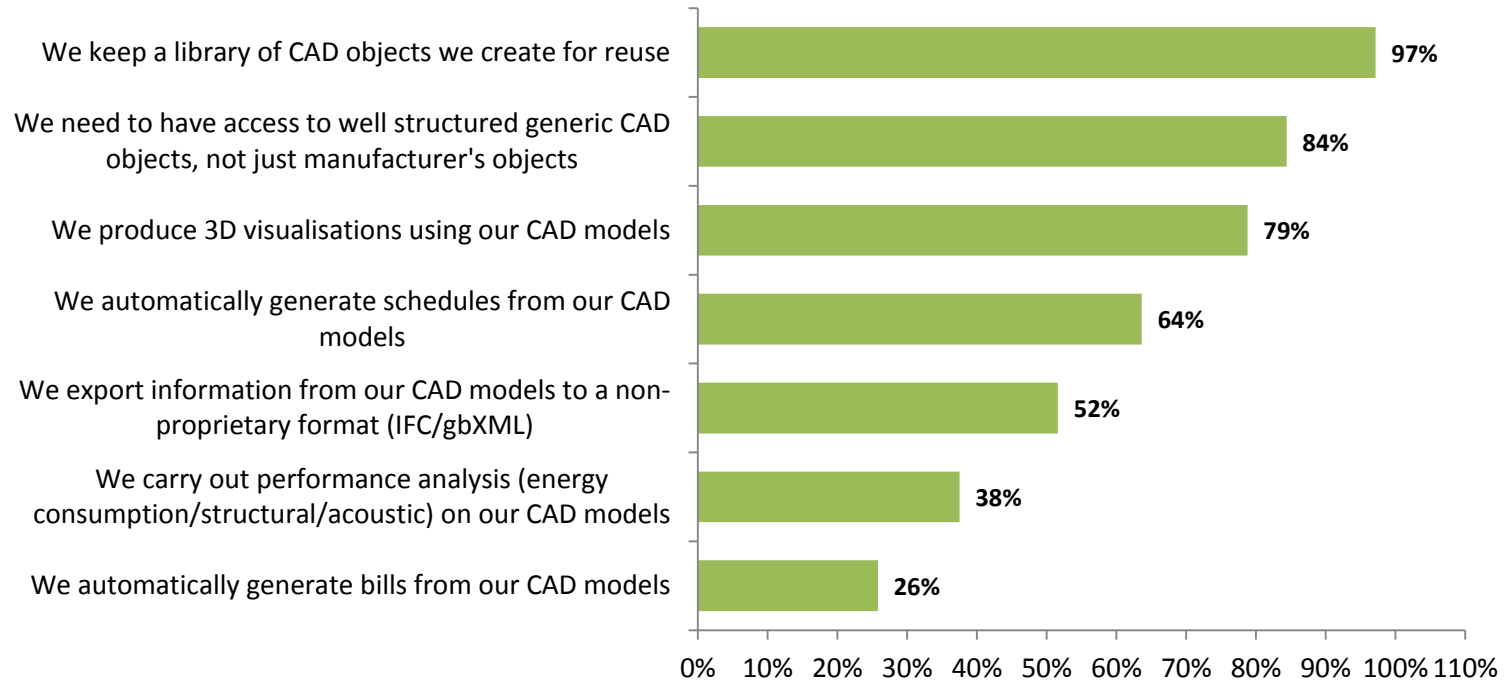
Digicon / IBC National BIM Survey: CAD Usage

Where do you get the CAD objects your organisation uses?



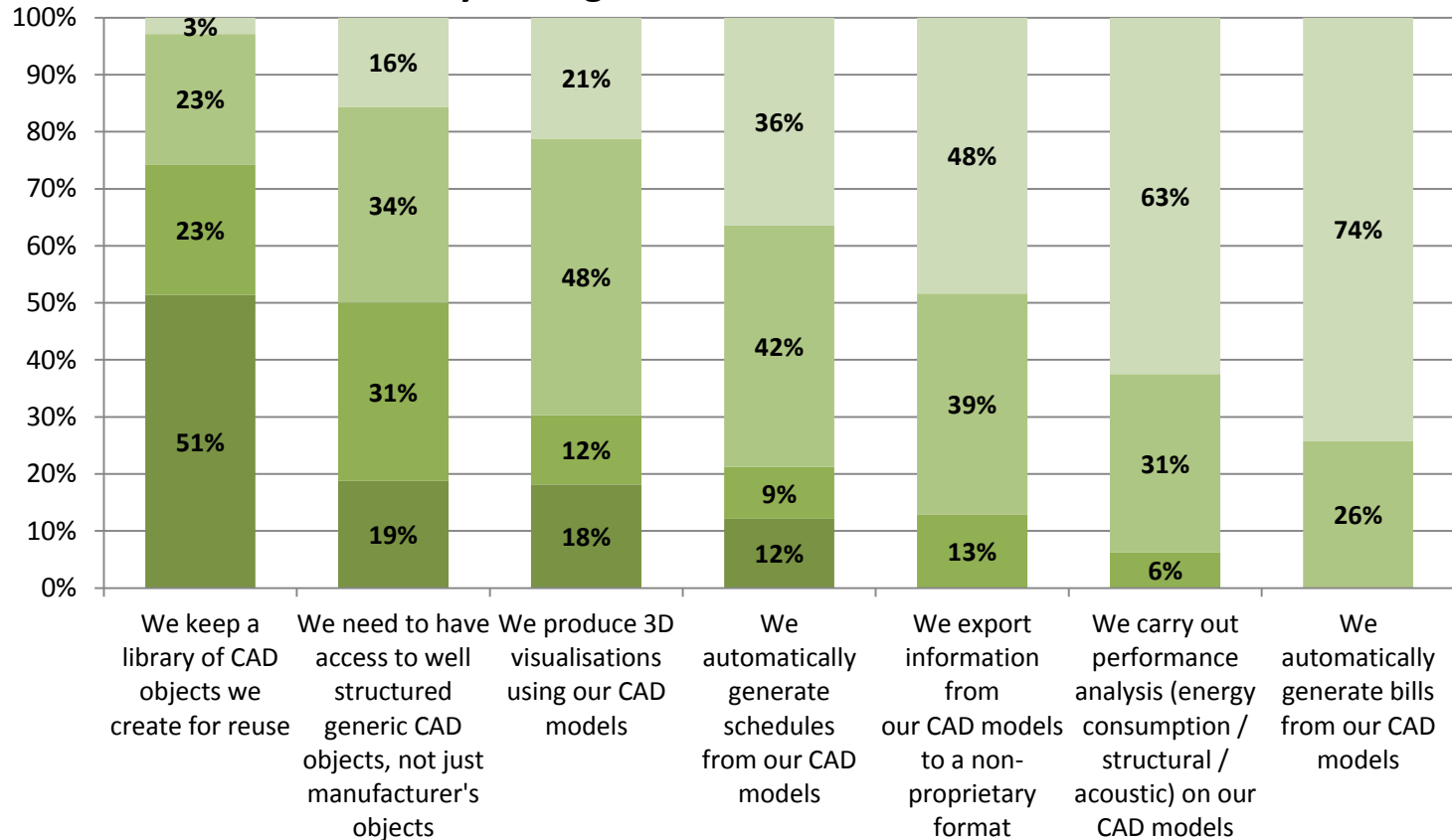
Digicon / IBC National BIM Survey: CAD Usage

For each of the following statements, the percentage of respondents whose organisation sometimes use CAD the following ways



Digicon / IBC National BIM Survey: CAD Usage

For each of the following statements, how would you describe your organisation's use of CAD?



■ For all projects ■ For the majority of projects ■ For a minority of projects ■ Never



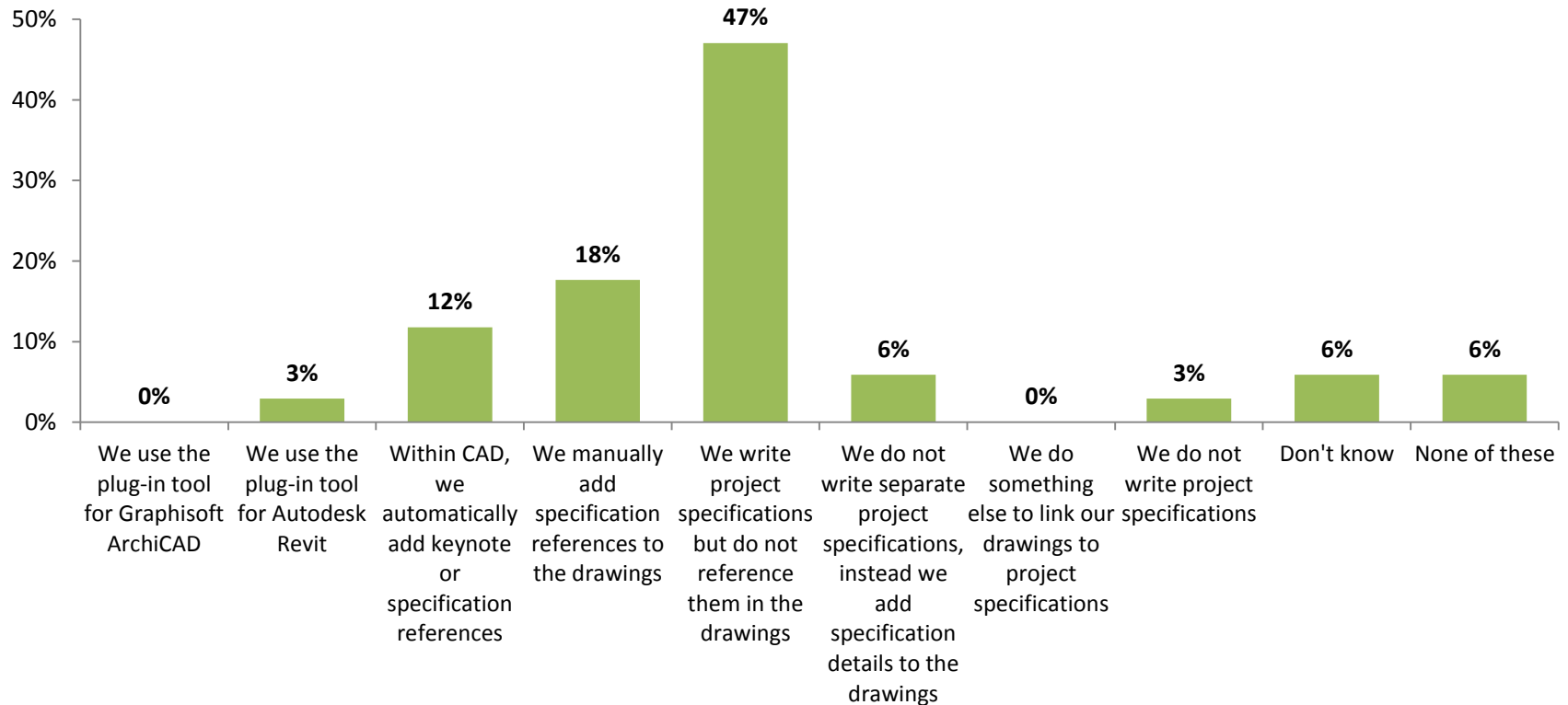
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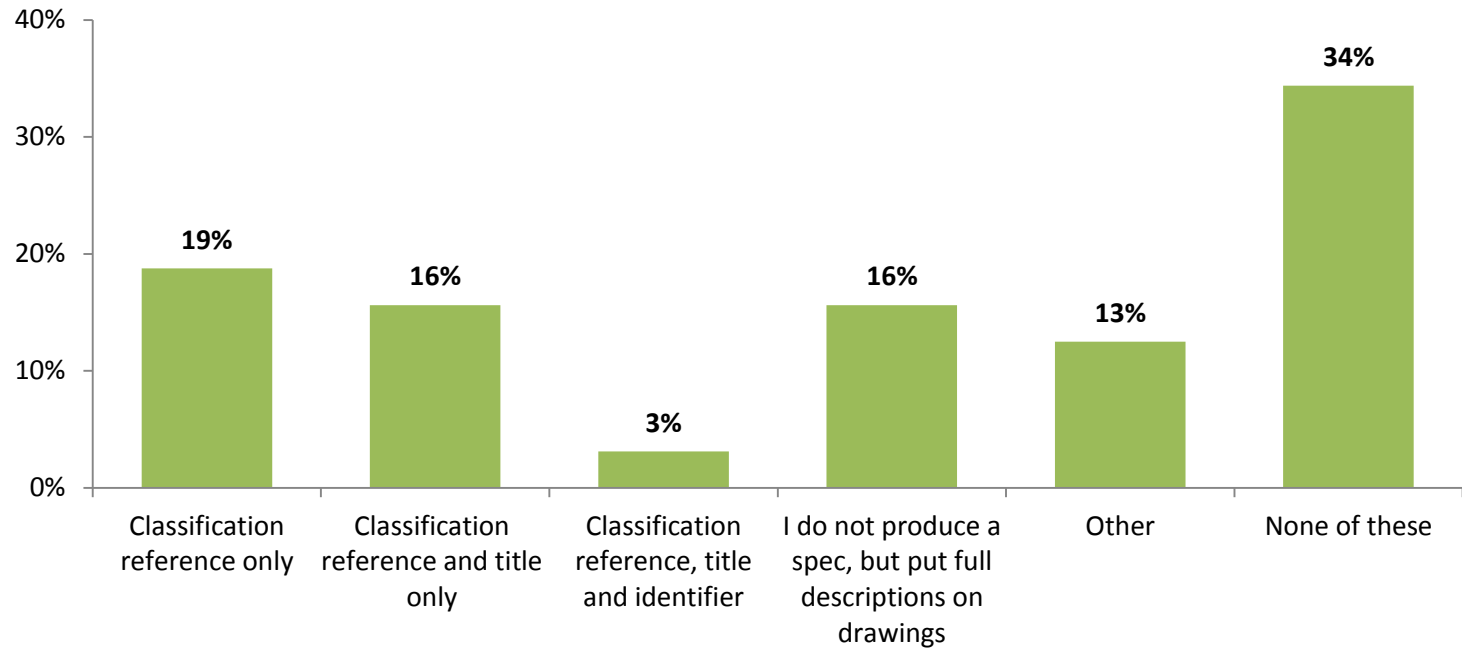
Digicon / IBC National BIM Survey: CAD Usage

Which of the following statements best describes how your organisation normally links CAD drawings to project specifications?

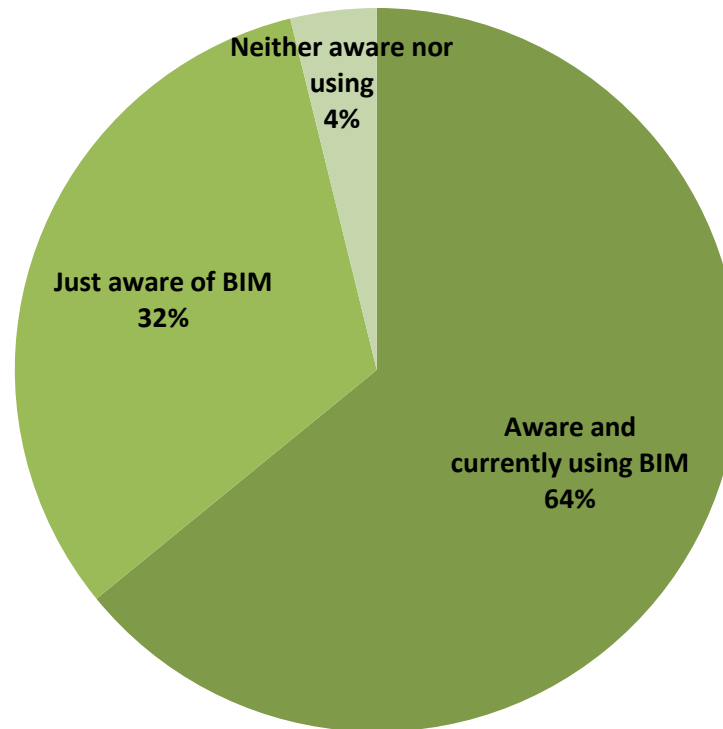


Digicon / IBC National BIM Survey: CAD Usage

How does your organisation coordinate the information in your CAD model and your specification?

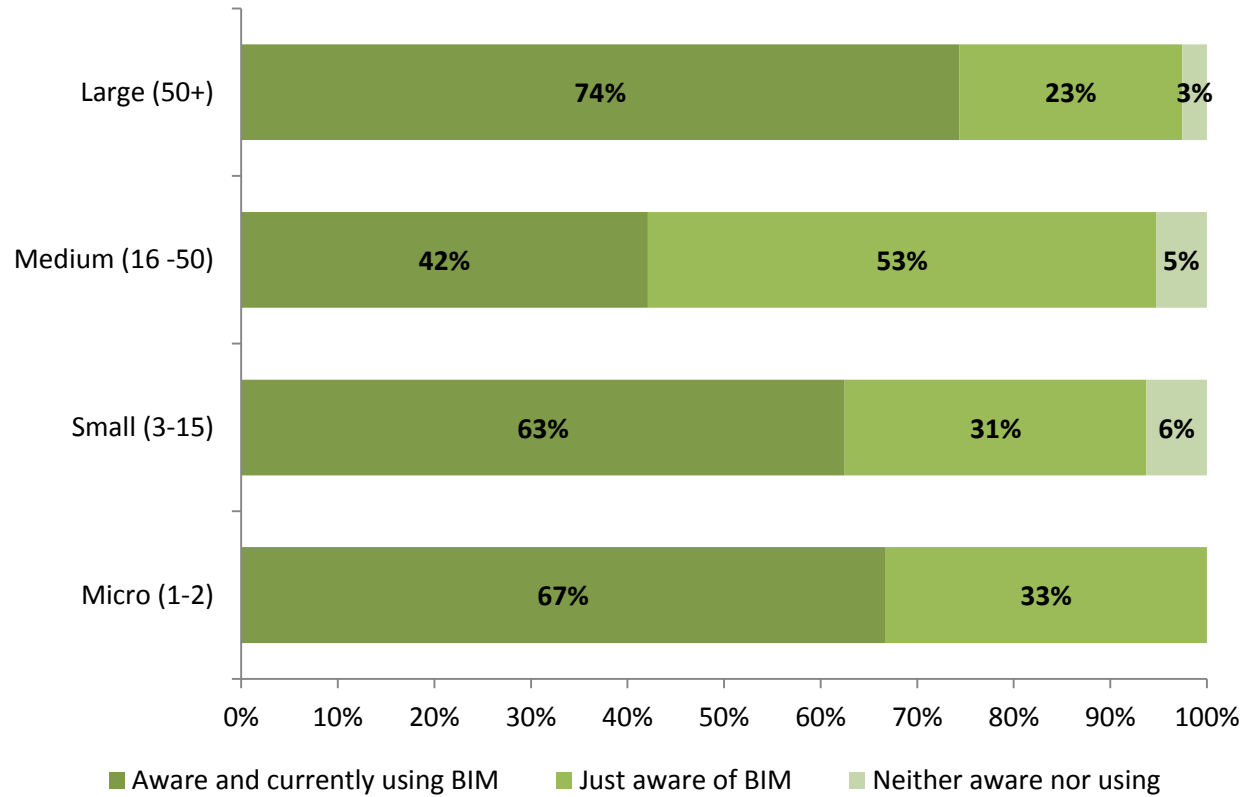


Awareness and use of BIM



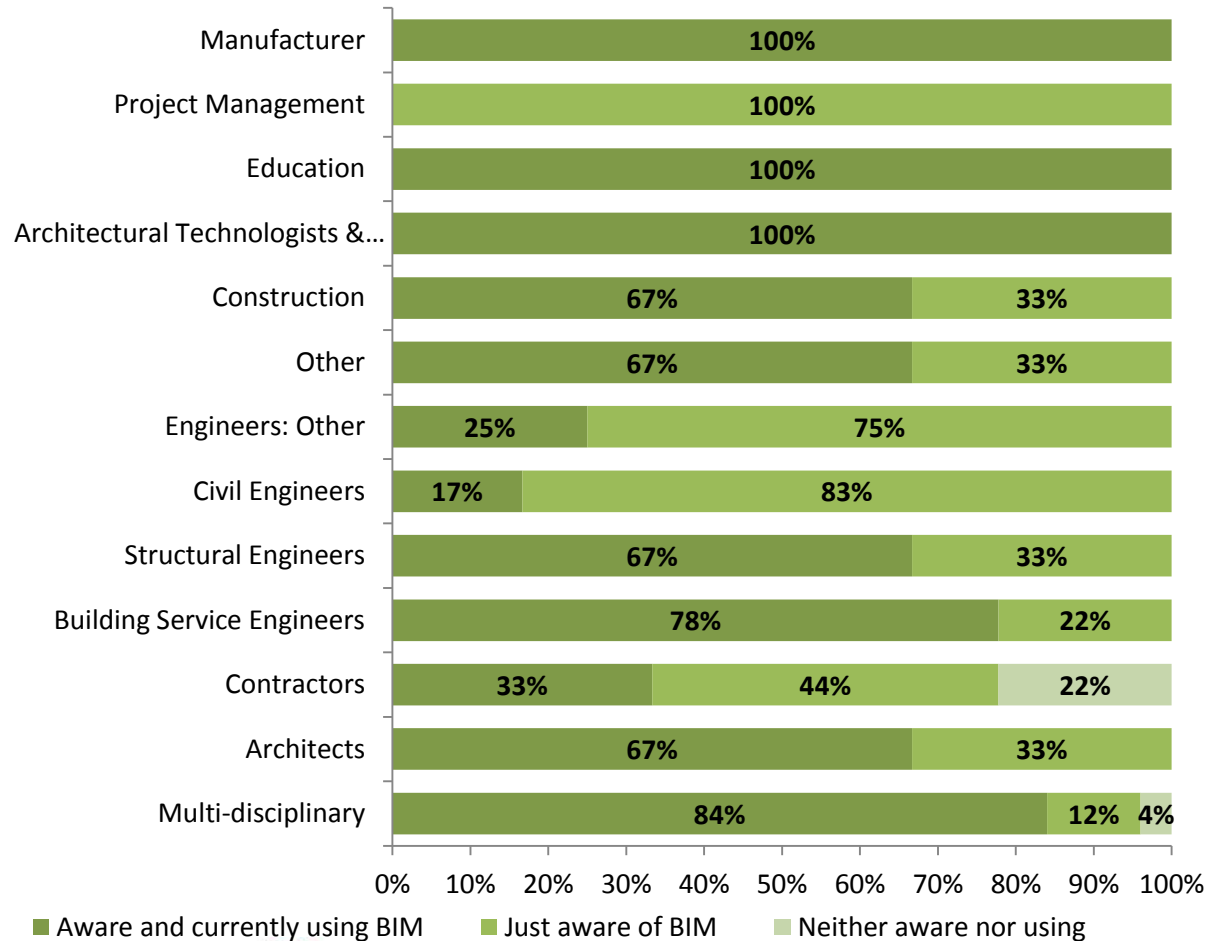
Digicon / IBC National BIM Survey: BIM usage and awareness (by practice size)

BIM: Usage and awareness according to practice size

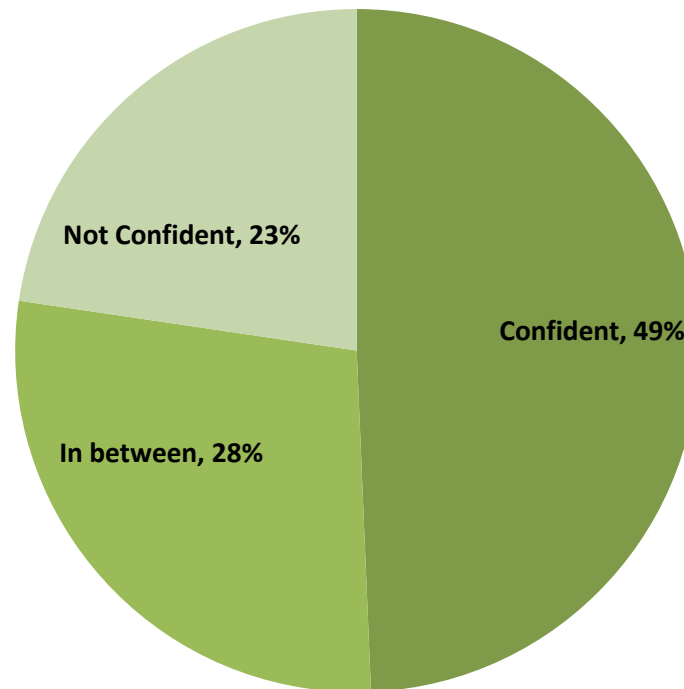


Digicon / IBC National BIM Survey: BIM usage and awareness (by organisation type)

BIM: Usage and awareness according to organisation type

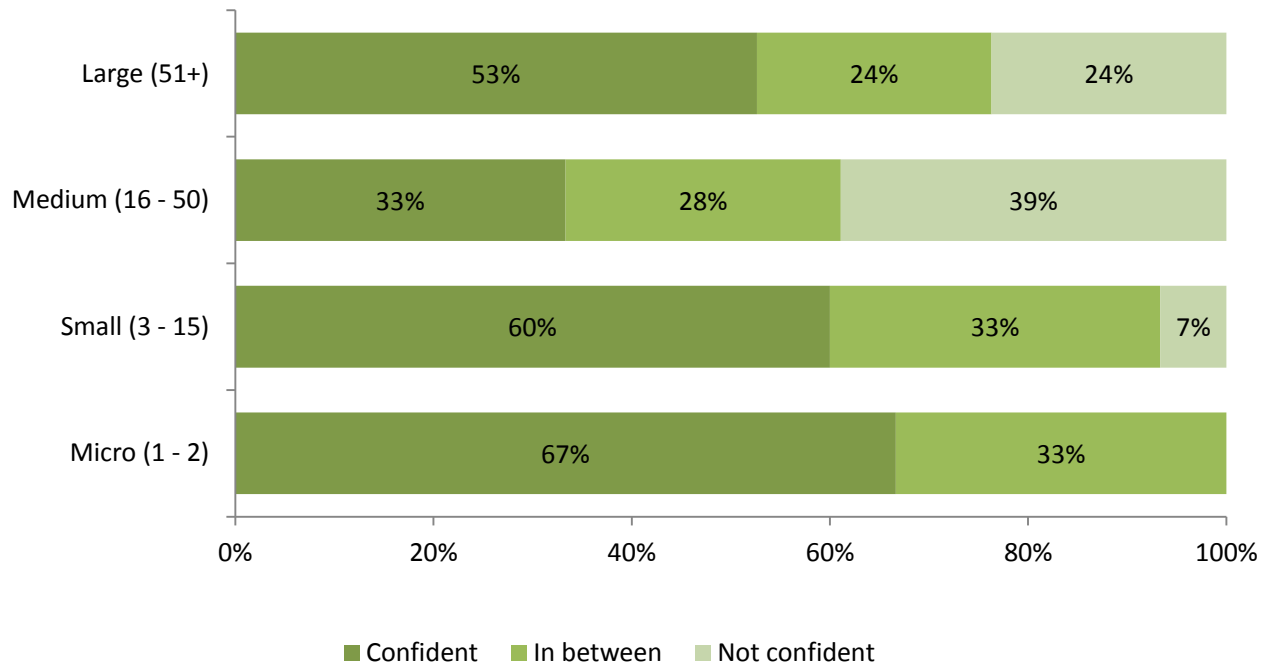


How confident are you in your knowledge and skills in BIM?



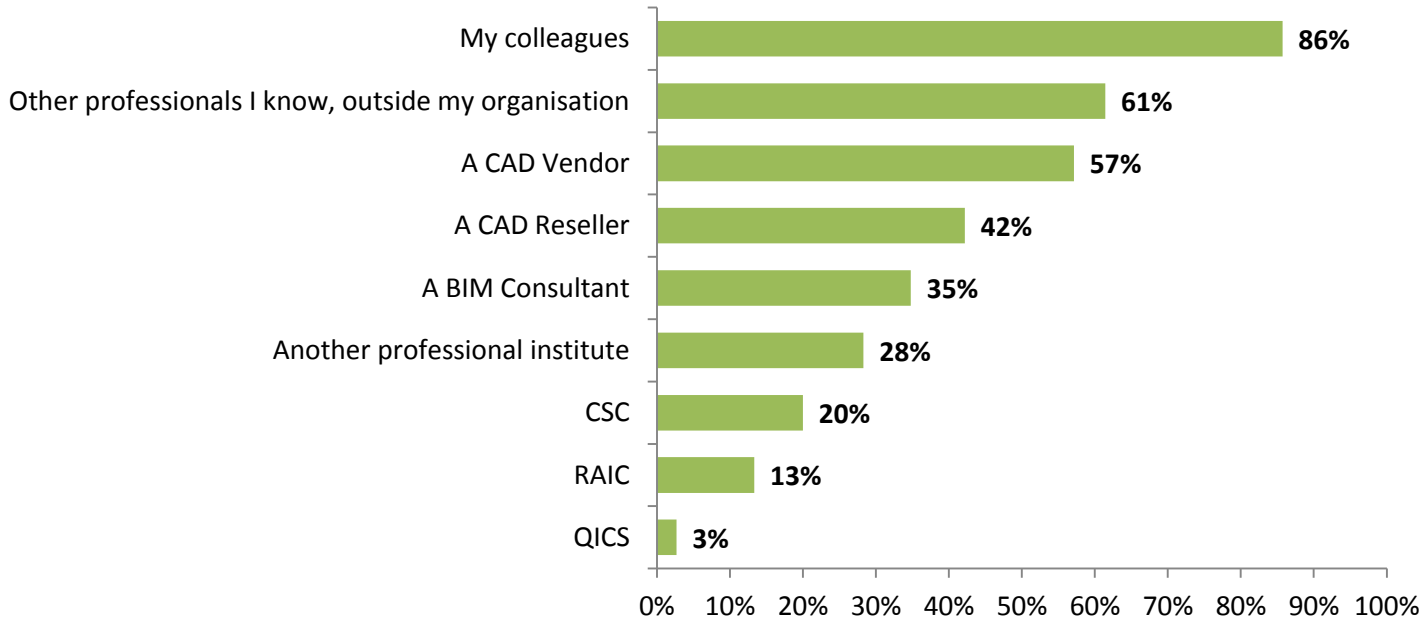
Digicon / IBC National BIM Survey: BIM usage and awareness

How confident are you in your knowledge and skills in BIM?



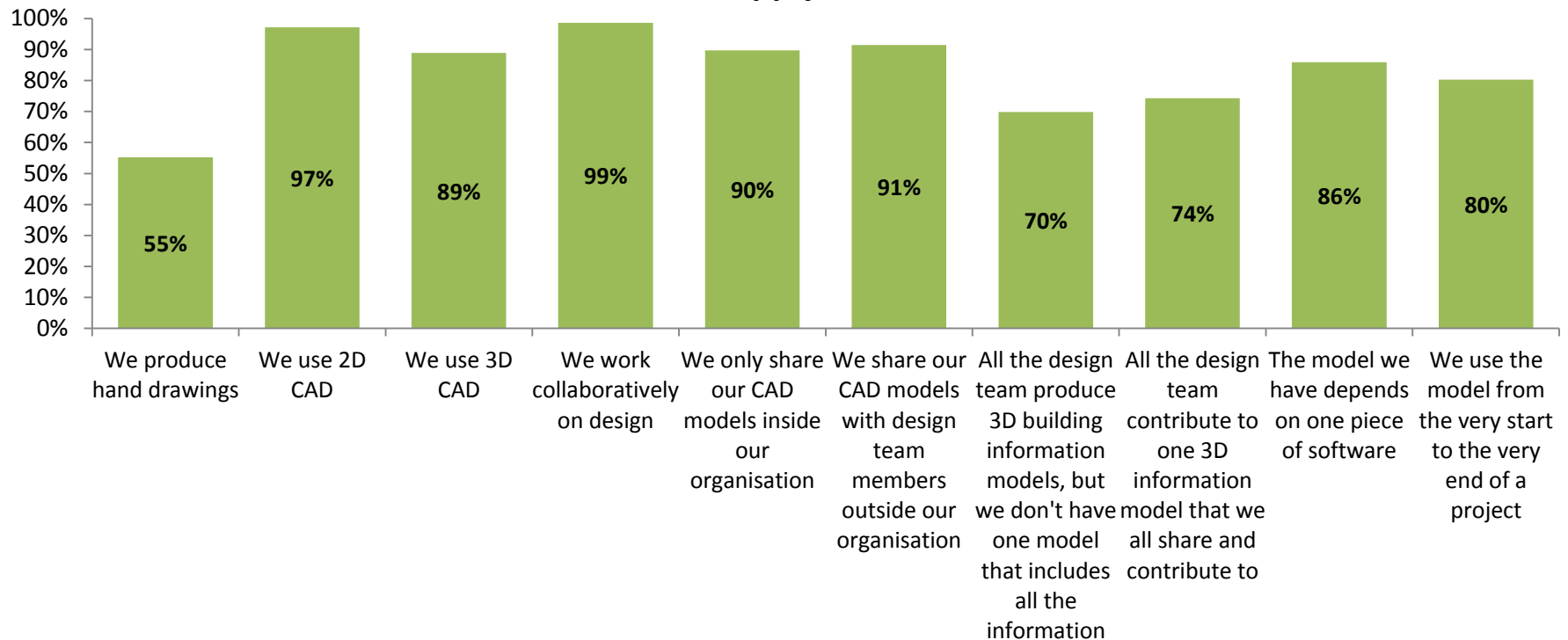
Digicon / IBC National BIM Survey: BIM usage and awareness

How likely are you to turn to the following sources of information about BIM?



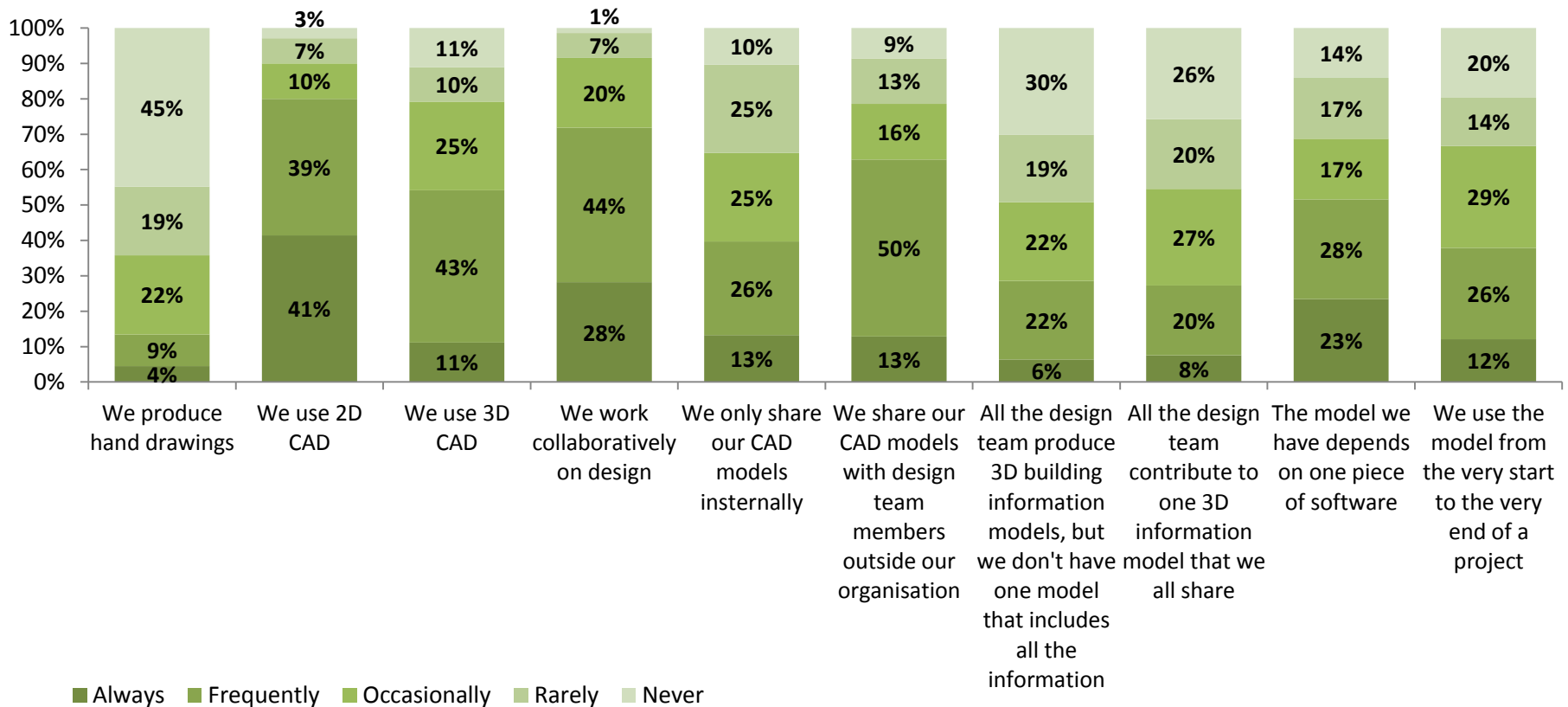
Digicon / IBC National BIM Survey: BIM usage and awareness

For your projects, how often do the following statements at least sometimes apply?



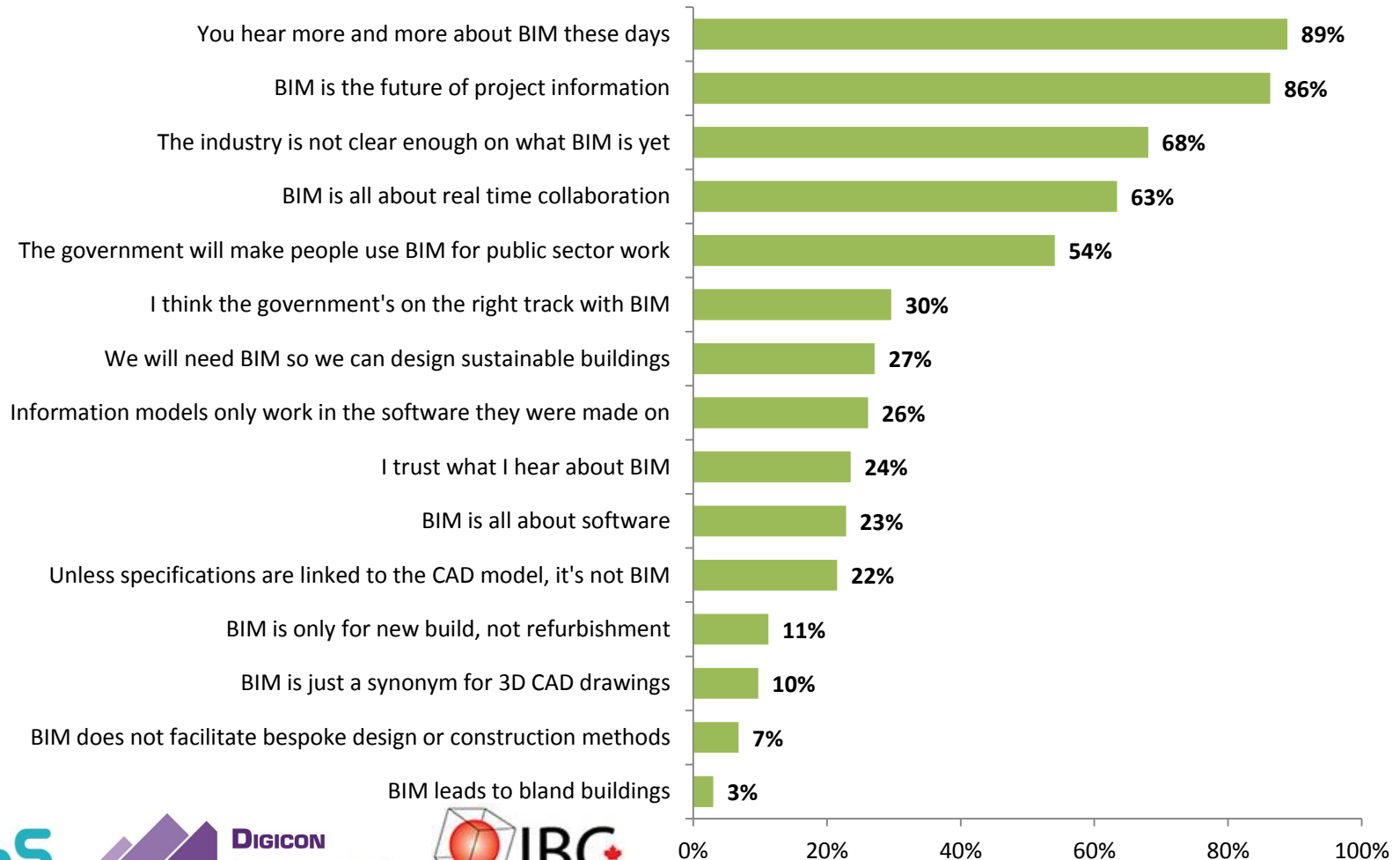
Digicon / IBC National BIM Survey: BIM usage and awareness

Thinking about your organisation, how often, for your projects, do the following statements apply?



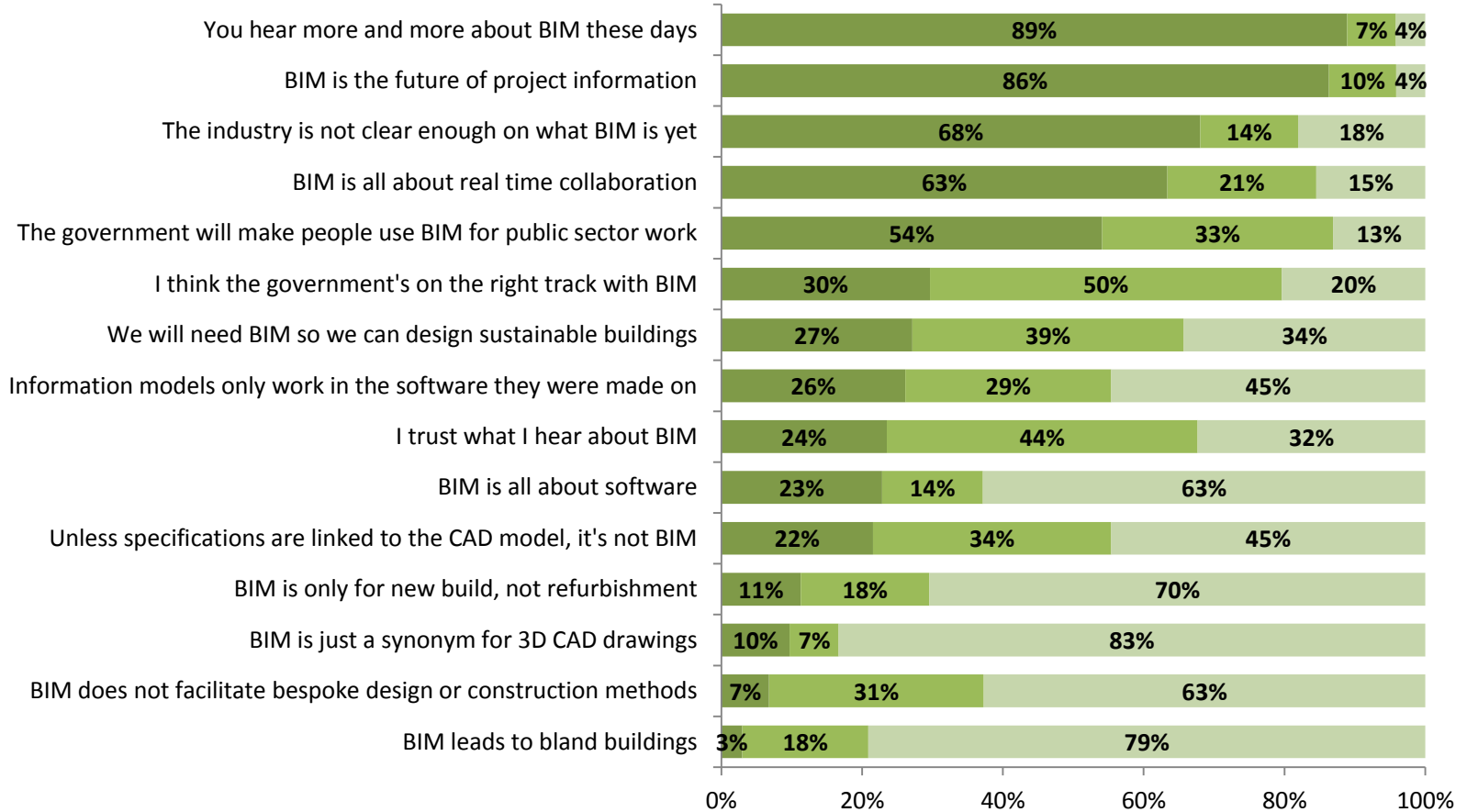
Digicon / IBC National BIM Survey: Attitudes to BIM

% of respondents who agree with the following statements about BIM?



Digicon / IBC National BIM Survey: Attitudes to BIM

How strongly do you agree or disagree with the following statements about BIM?



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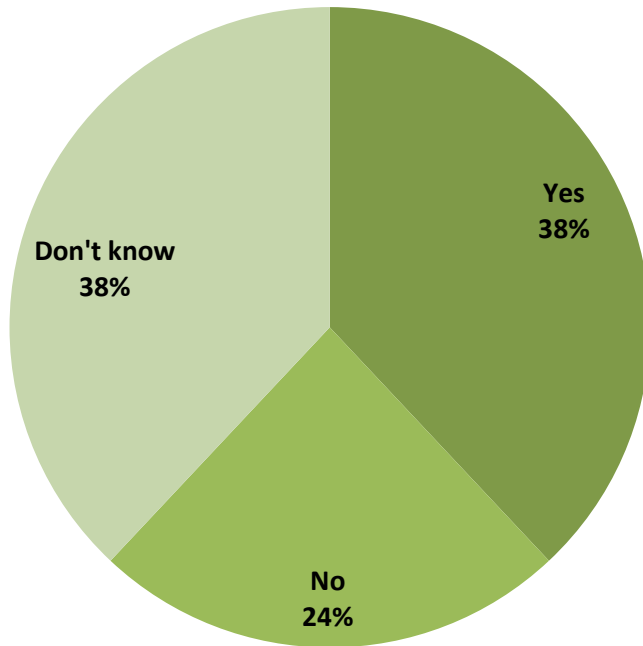


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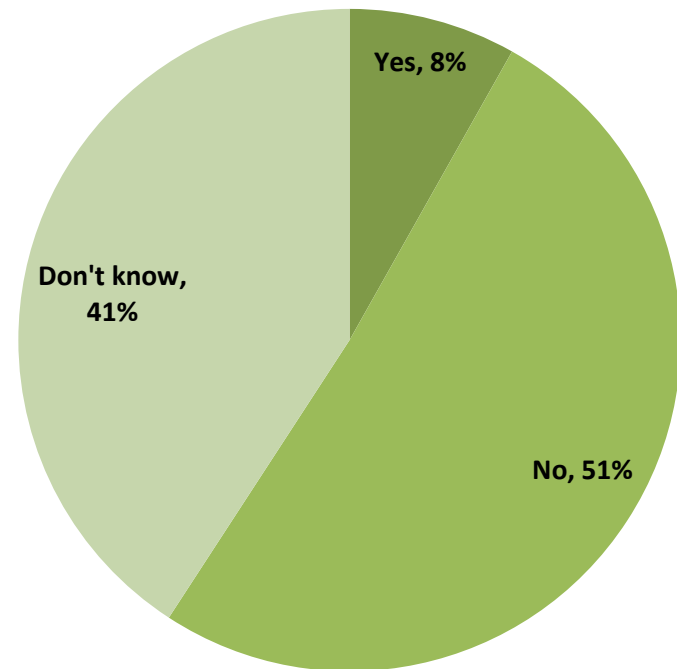
Agree Neither agree nor disagree Disagree

Digicon / IBC National BIM Survey: Attitudes to BIM

Do you use IFC on your projects?

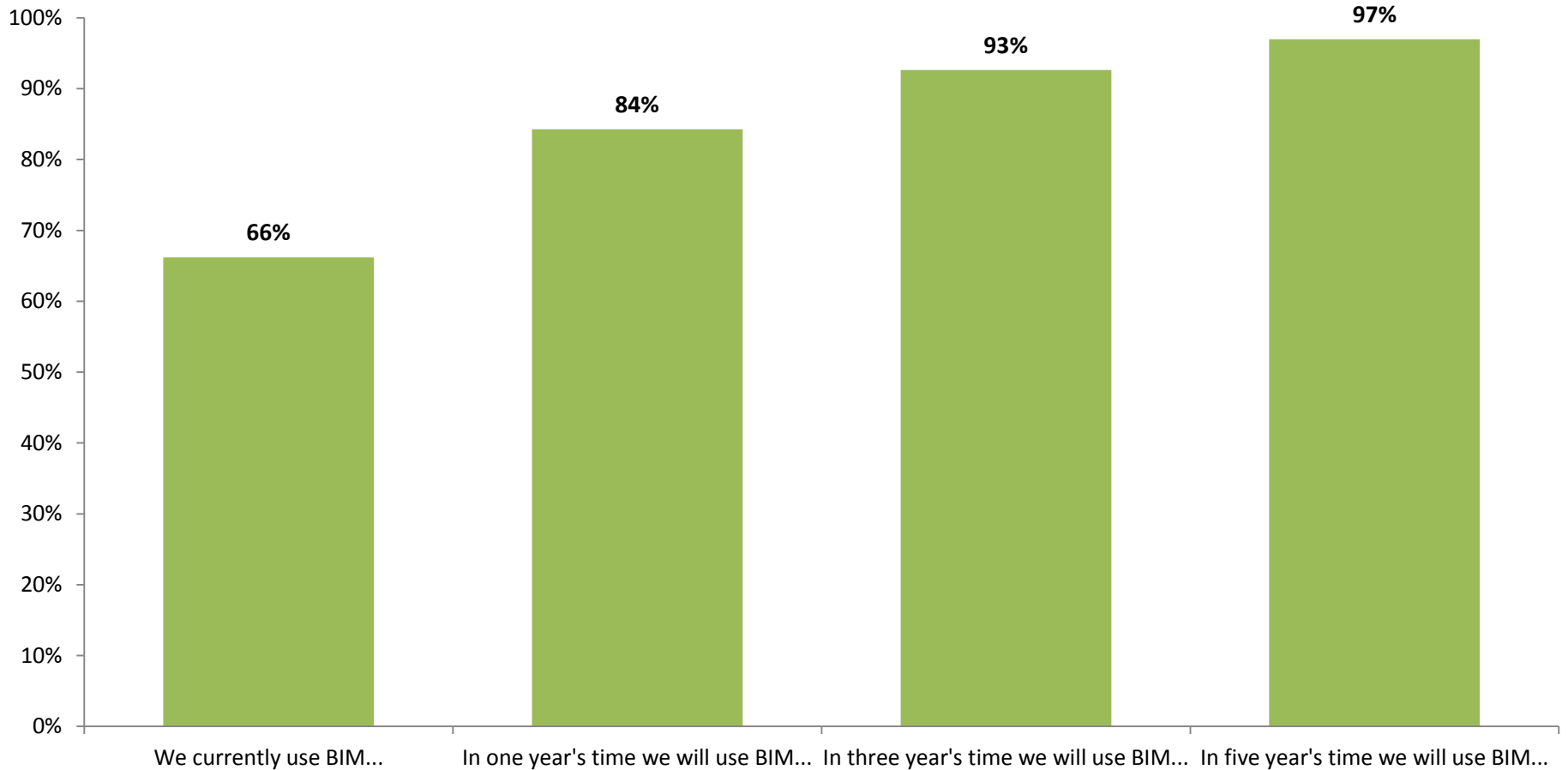


Do you generate COBie output on your projects?



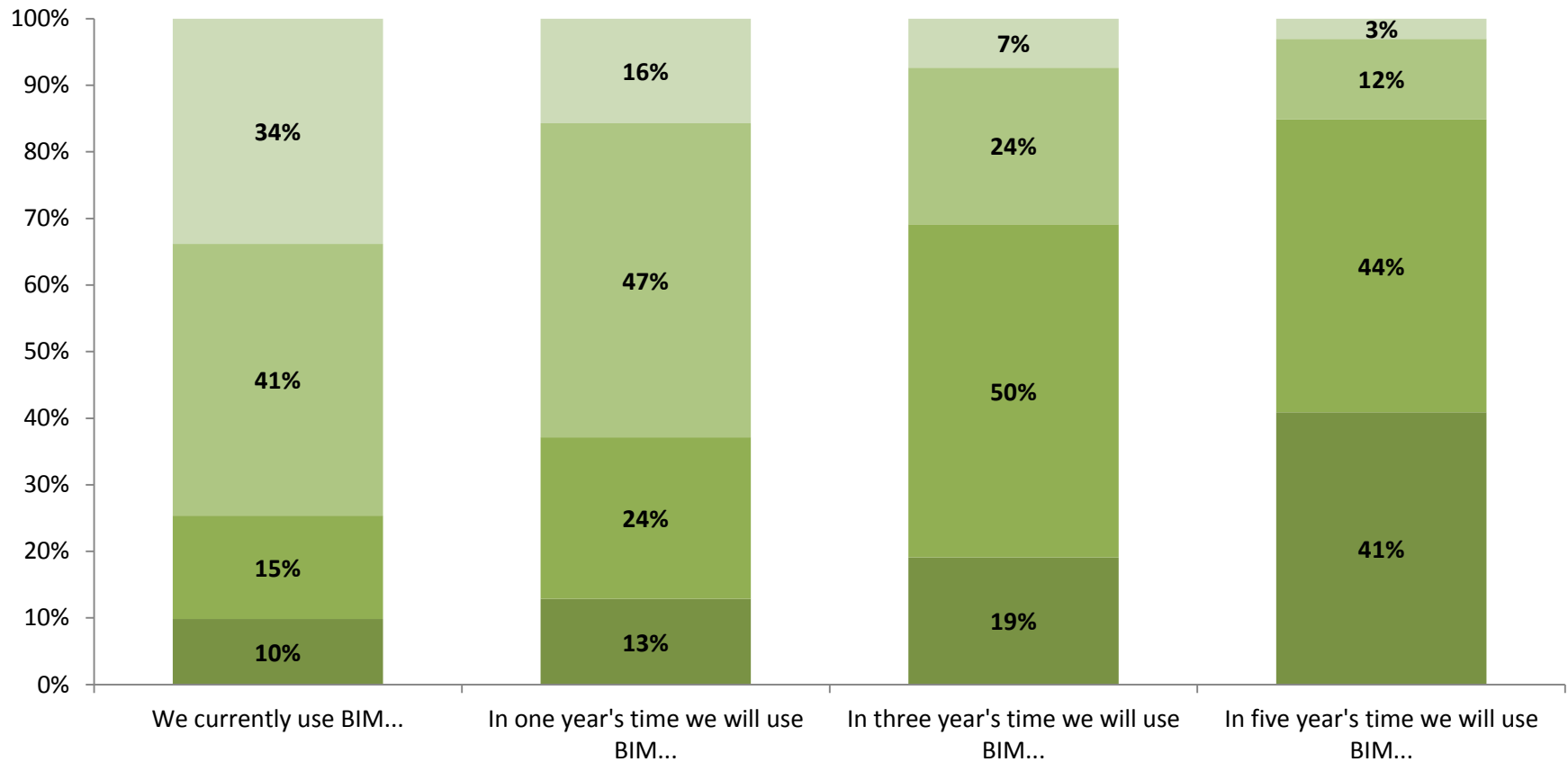
Digicon / IBC National BIM Survey: Attitudes to BIM

Projected use of BIM



Digicon / IBC National BIM Survey: Attitudes to BIM

Projected use of BIM



■ For all projects ■ For the majority of projects ■ For a minority of projects ■ Never

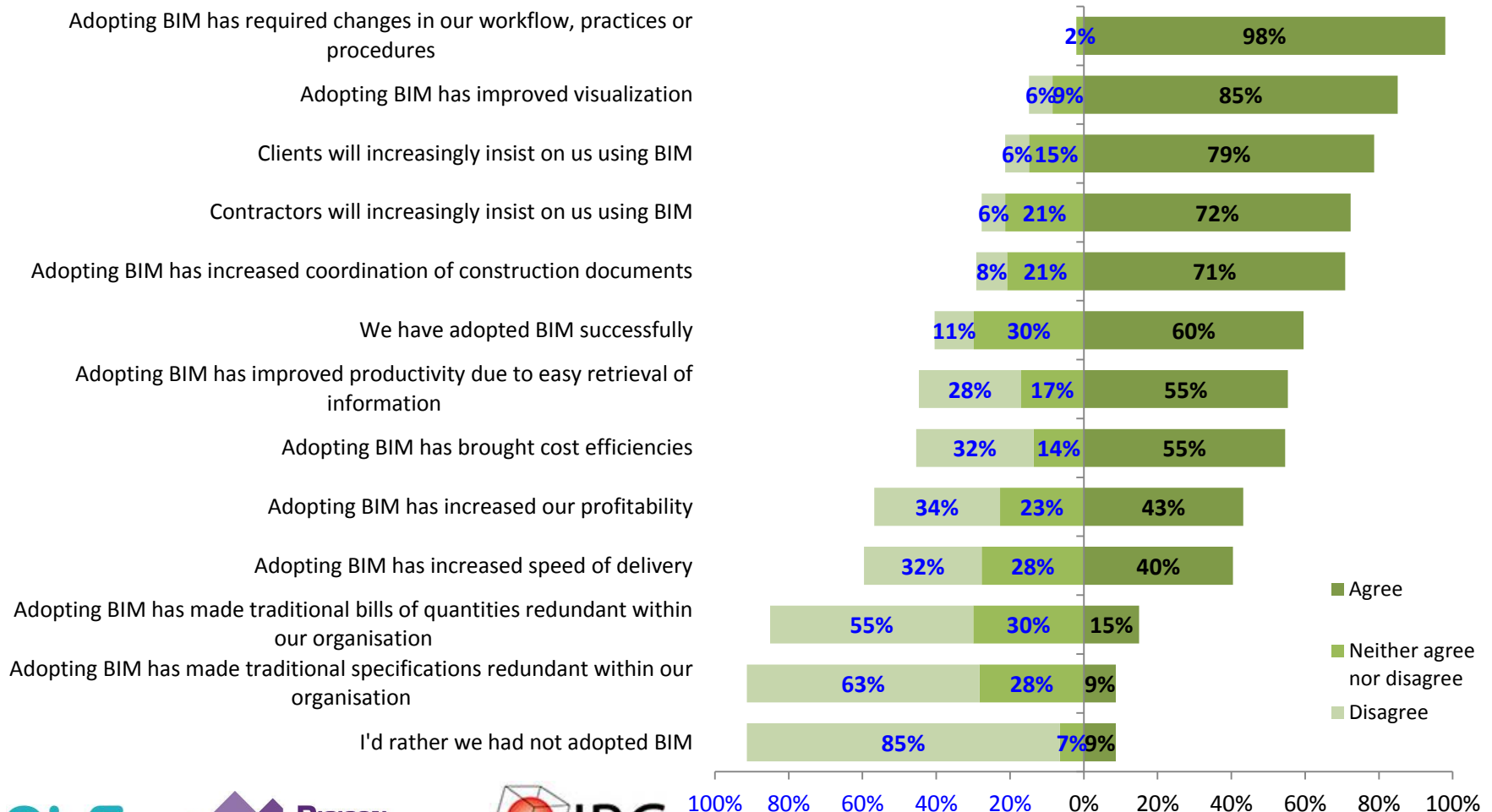


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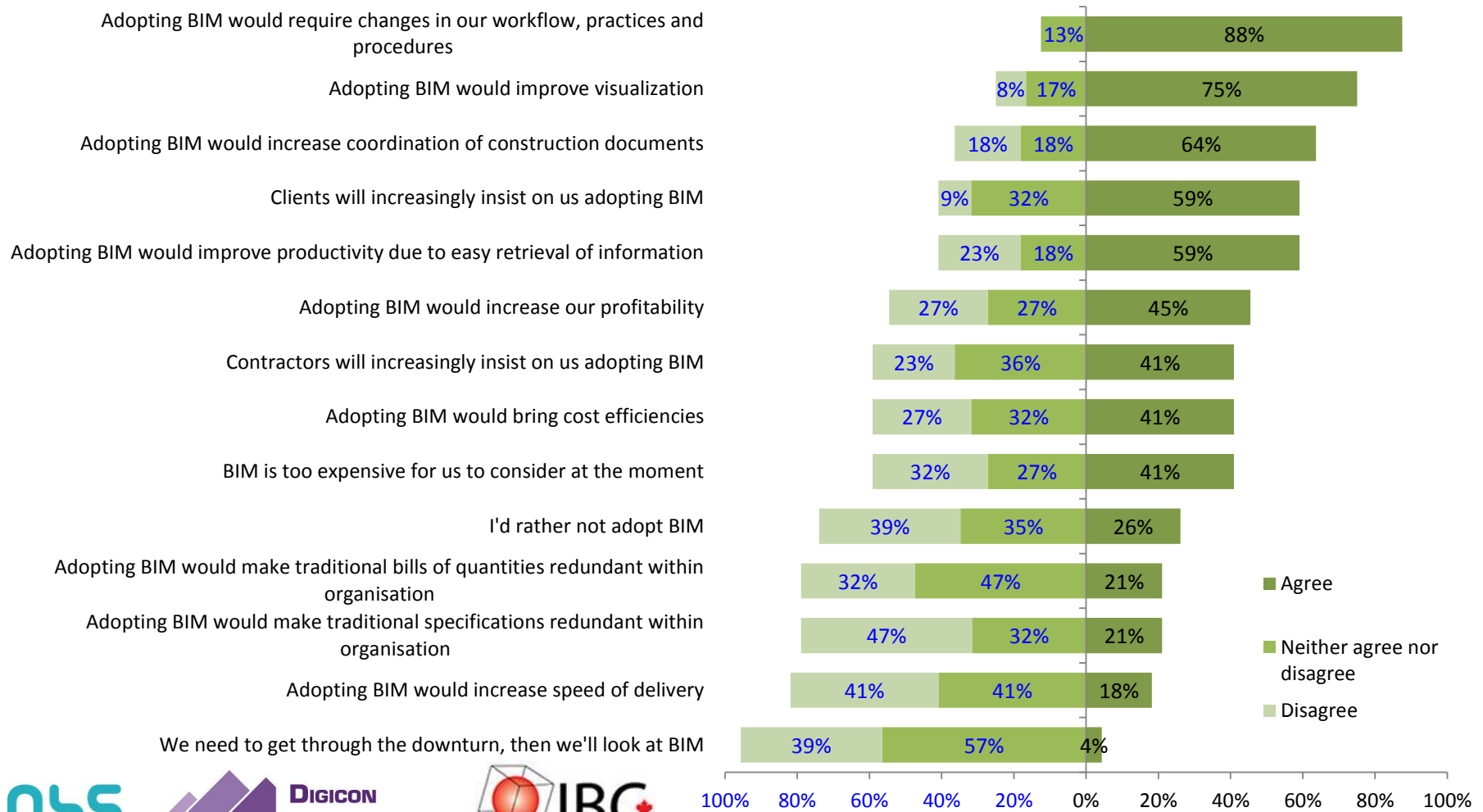
Digicon / IBC National BIM Survey: Attitudes to BIM

From your experience of using BIM, how strongly do you agree or disagree with the following statements?



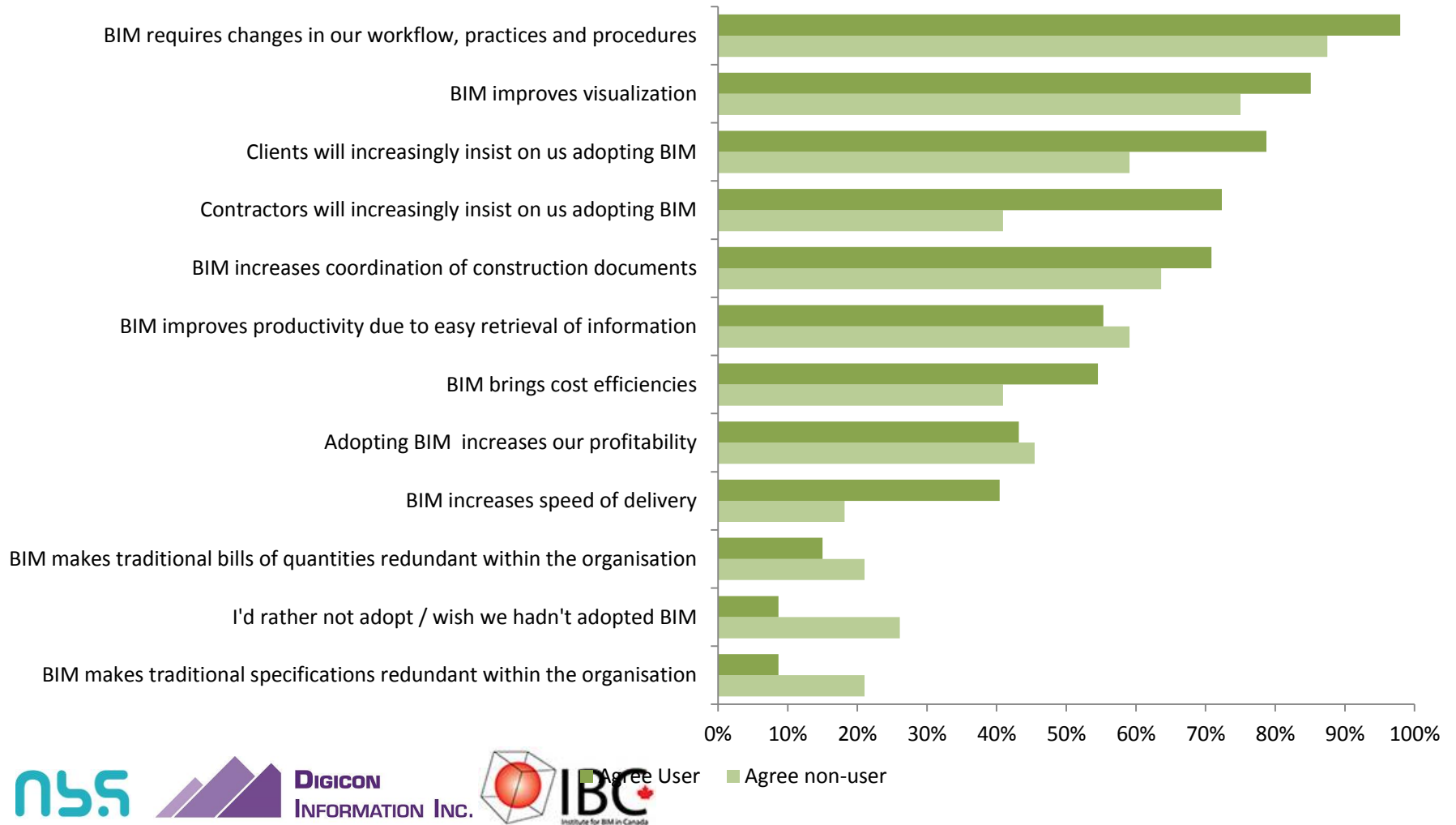
Digicon / IBC National BIM Survey: Attitudes to BIM

From your understanding of BIM, how strongly do you agree or disagree with the following statements?



Digicon / IBC National BIM Survey: Attitudes to BIM

Attitudes towards BIM: A comparison of those who use it and those who don't



Digicon / IBC National BIM Survey: Any Other Comments about BIM



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Digicon / IBC National BIM Survey: Any Other Comments about BIM

“Currently BIM is not a requirement from our clients, but [we are] preparing for the future.”

“BIM is currently suitable for a minority of projects”

“The software is getting better, but it still takes more time to model elements than to draw 2D representations of them... BIM is the future, and I am Pro-BIM. The path to that future is difficult. I look forward to better linking of Models and Specifications.”

“BIM is a new technology... It's very expensive to learn and takes time to become efficient”

“Transitioning to BIM processes has been challenging due to inconsistent implementation standards and processes... The industry needs to standardize.”

“A comprehensive BIM process cannot be undertaken successfully at this time within traditional Design-bid-build relationships. This will keep BIM in a niche market for the foreseeable future.”

“BIM is here to stay. Unfortunately the construction industry does not completely understand the design process and many things are being lost with the switch over to a BIM system.”

“BIM is a myth created by AutoDesk to increase revenue.”

“We are concerned about the liabilities associated with others using our BIM model”