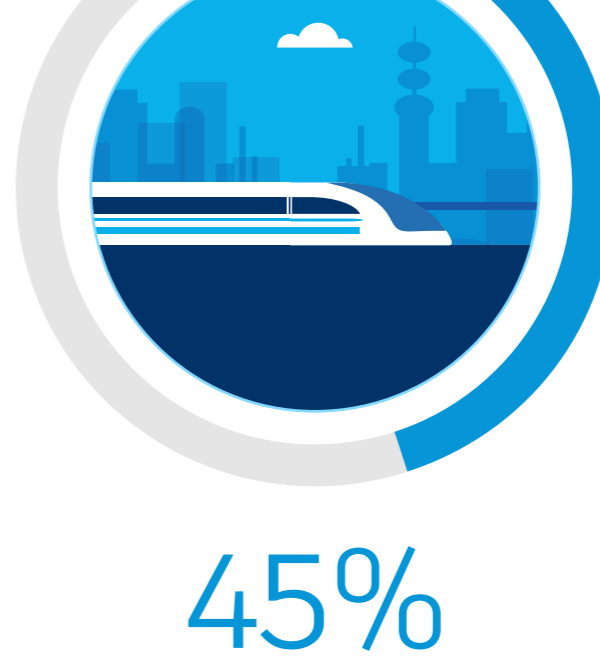
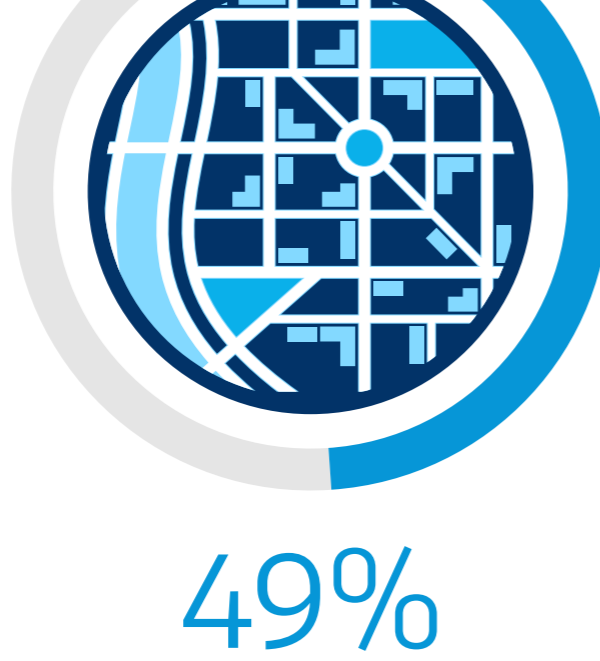
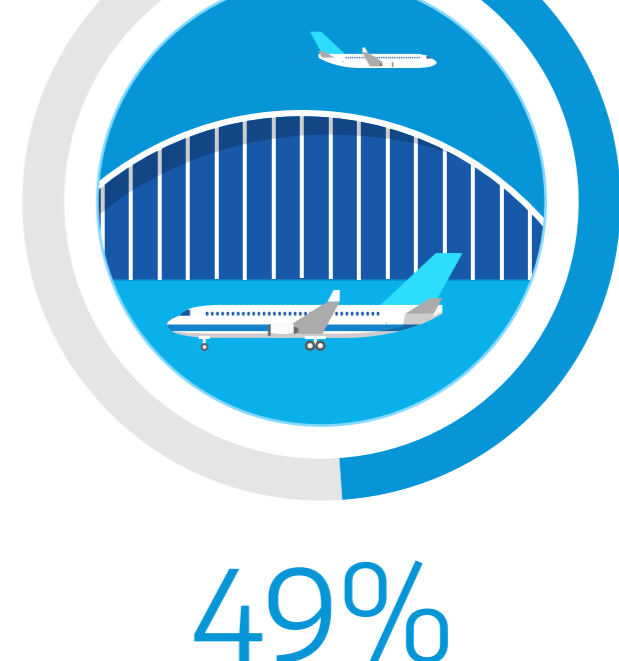
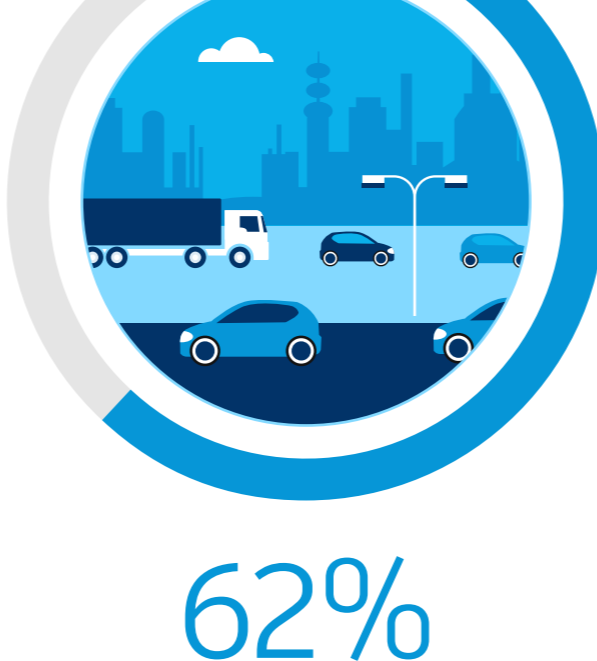
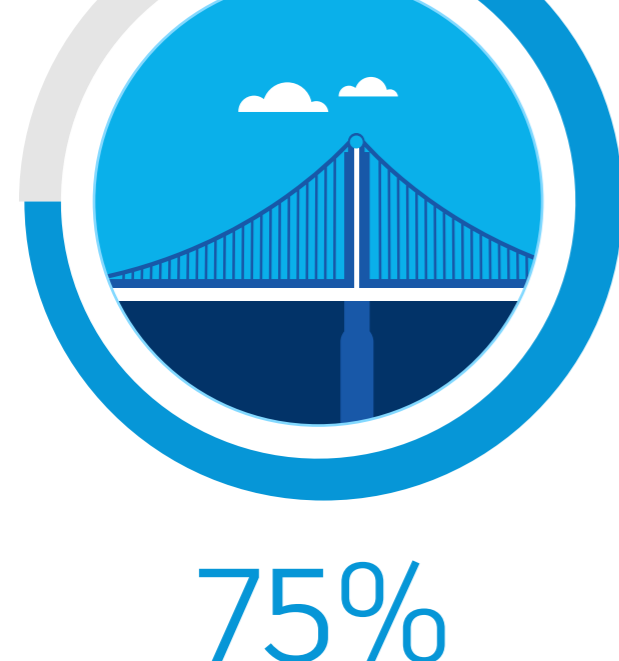


BUSINESS VALUE OF BIM IN INFRASTRUCTURE

The 2017 Dodge Data & Analytics SmartMarket report explores the use of BIM and level of implementation in transportation infrastructure for the United States, United Kingdom, France and Germany.

TRANSPORTATION SEGMENTS

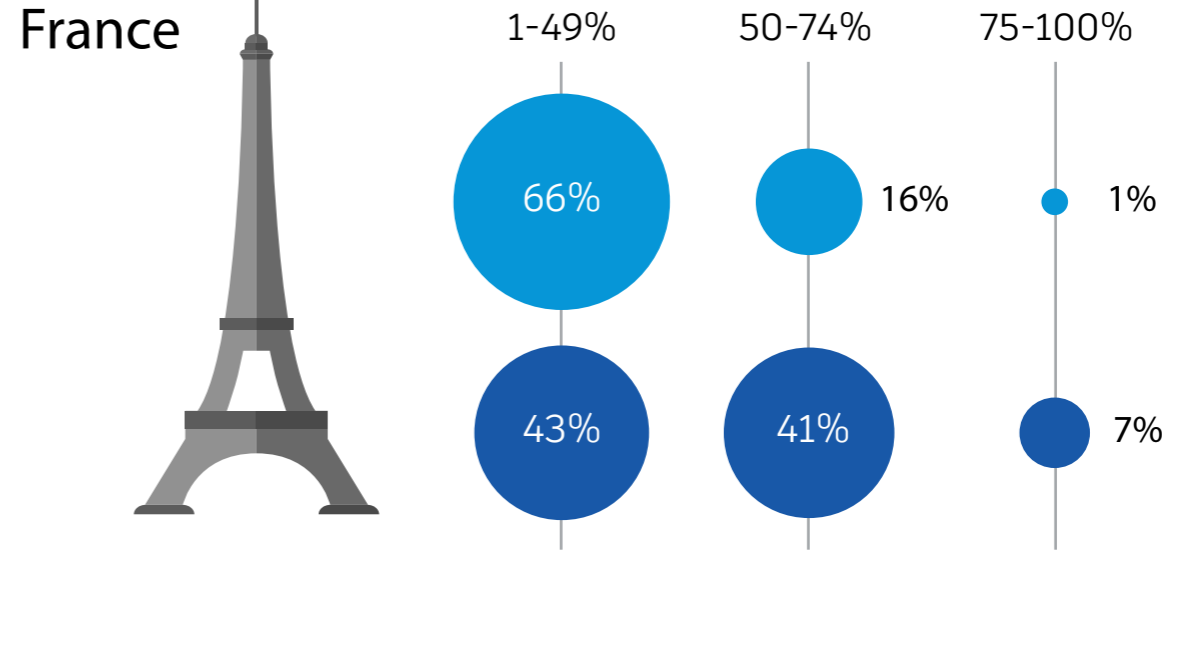
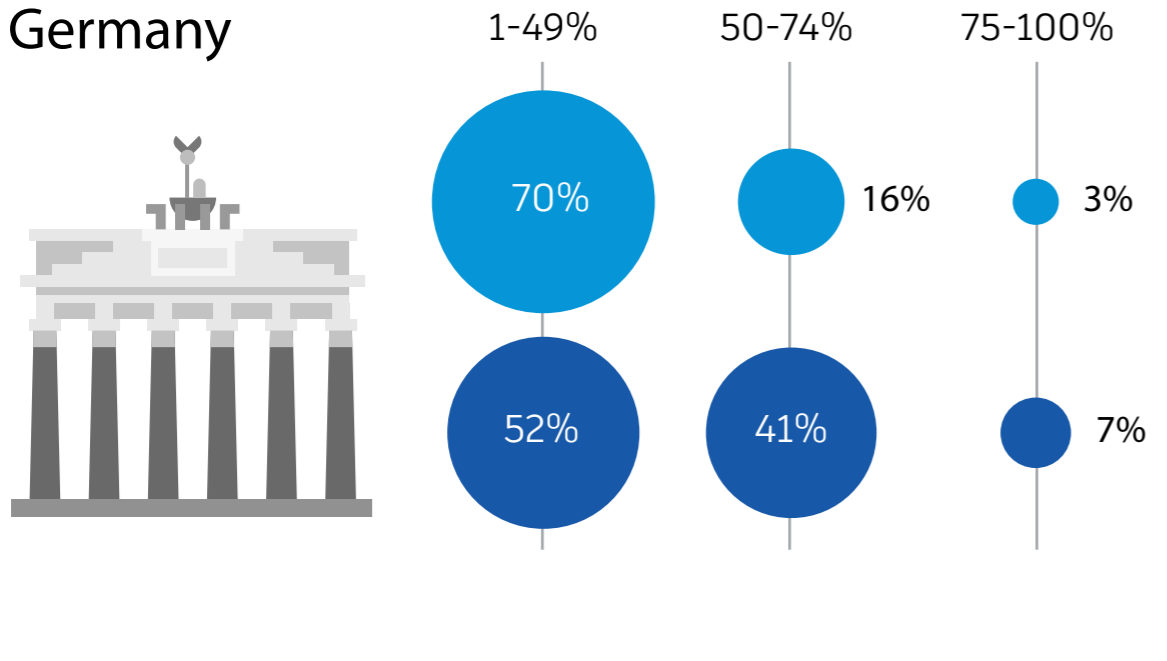
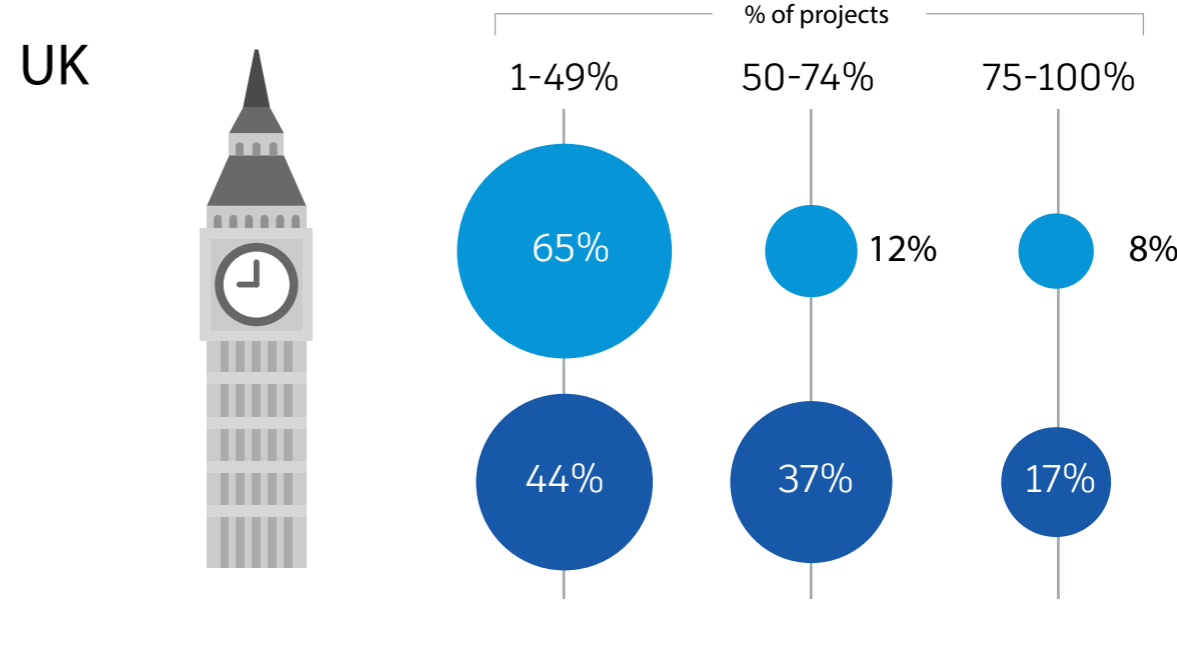
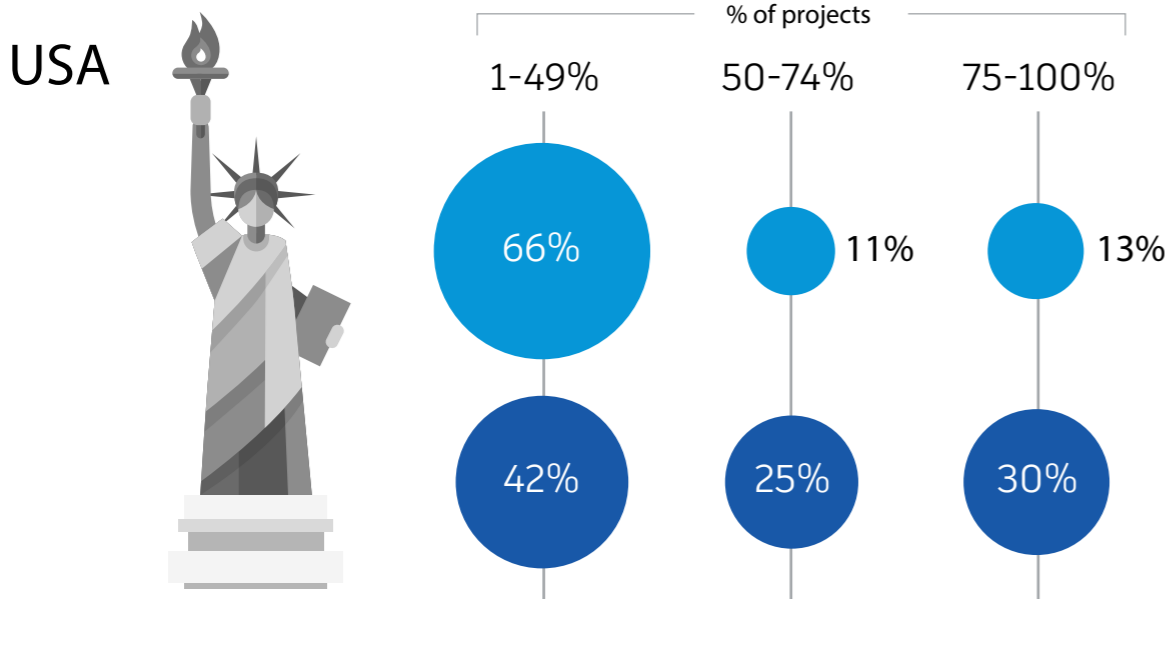
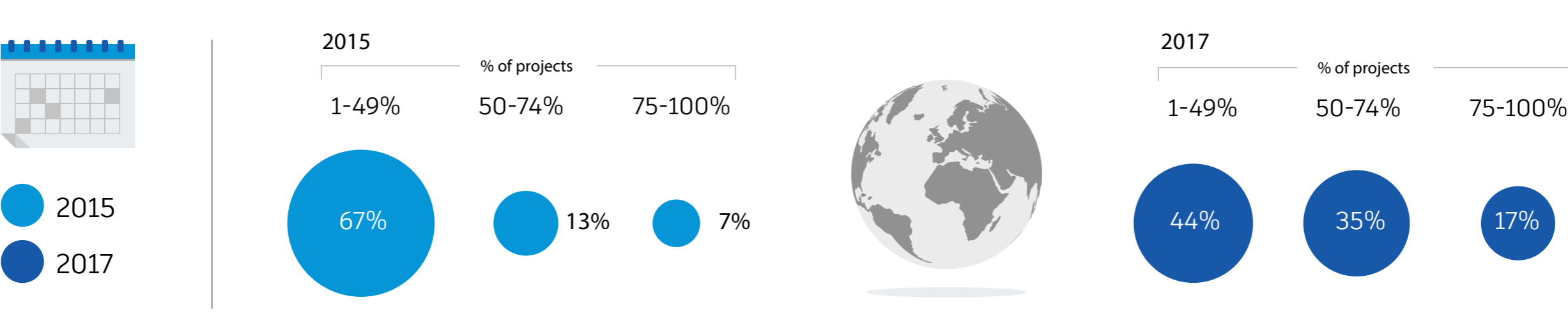
Survey respondents work on projects in these infrastructure segments. The report features projects that exemplify value gained from BIM including rail, airports and smart roadways. Other articles in the report explore how BIM is valuable to infrastructure owners including city planning, asset management and more.



LEVEL OF BIM IMPLEMENTATION

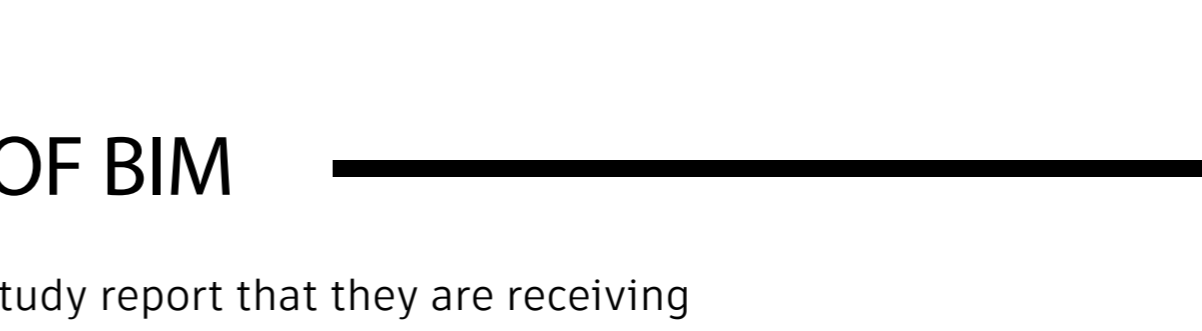
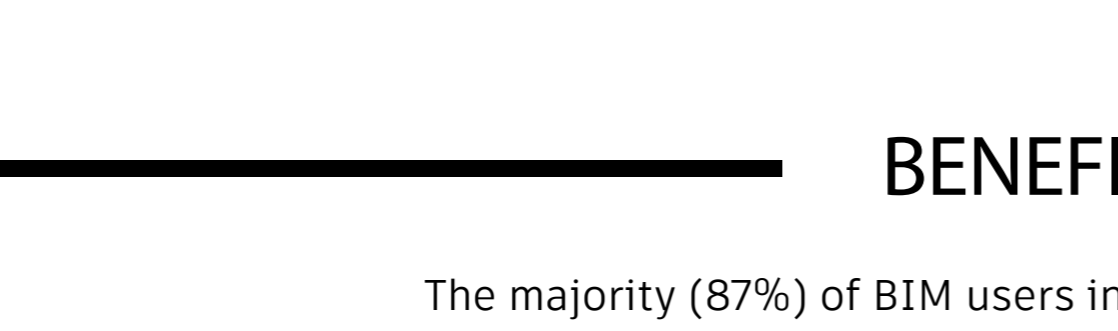
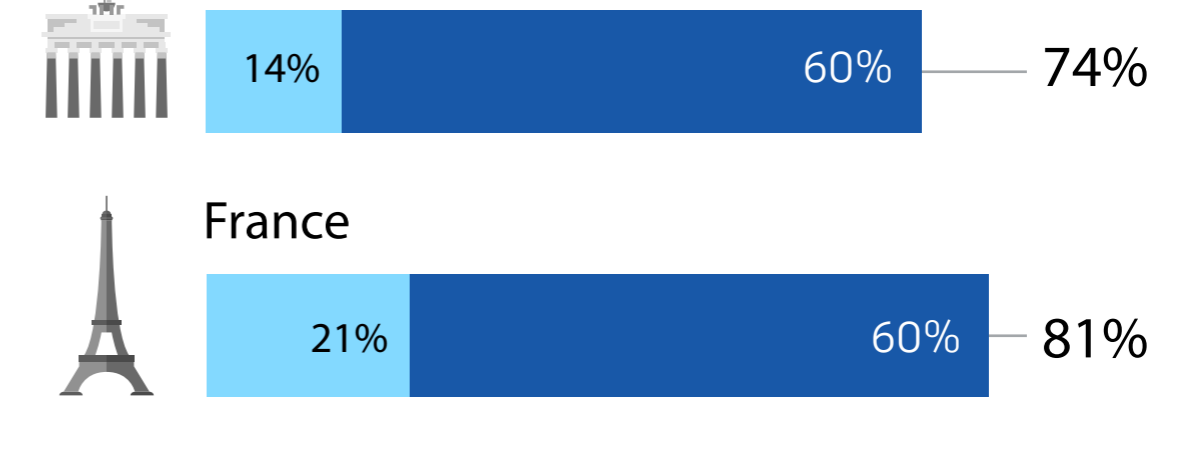
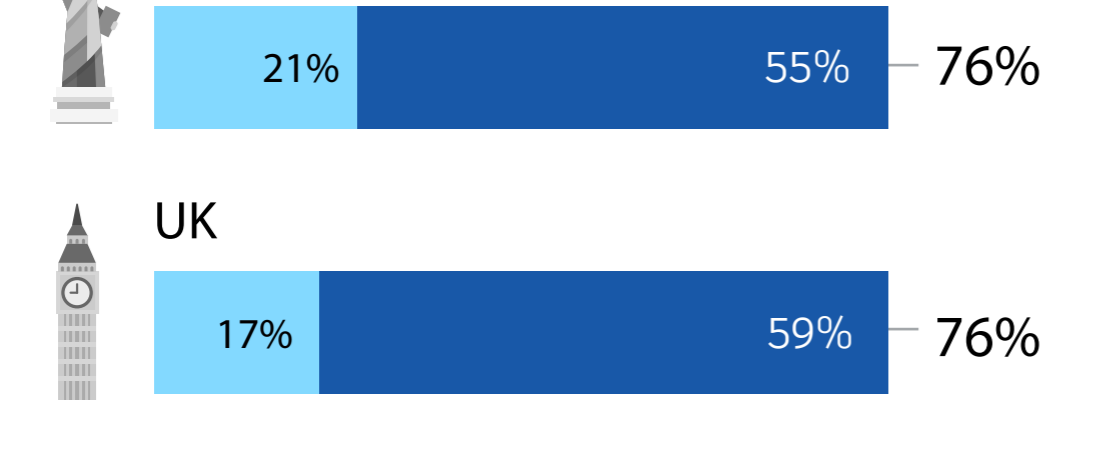
52% now report they deploy BIM in over half their projects versus 20% implementing at that level two years ago.

All respondents combined



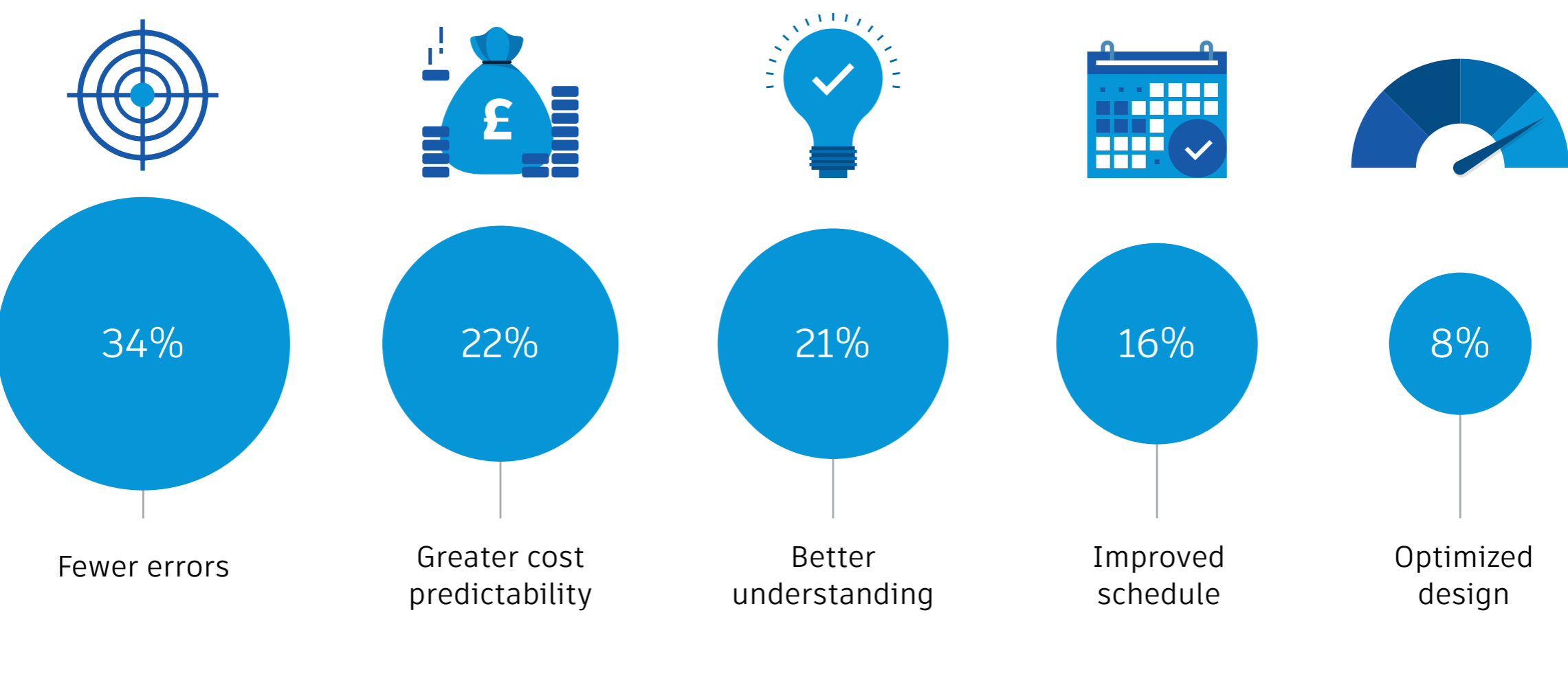
AUTHORING MODELS VERSUS USE OF MODELS CREATED BY OTHERS

Level of involvement with BIM could mean authoring models or using models authored by others. For those implementing BIM, more than 50% of their projects included authoring models.

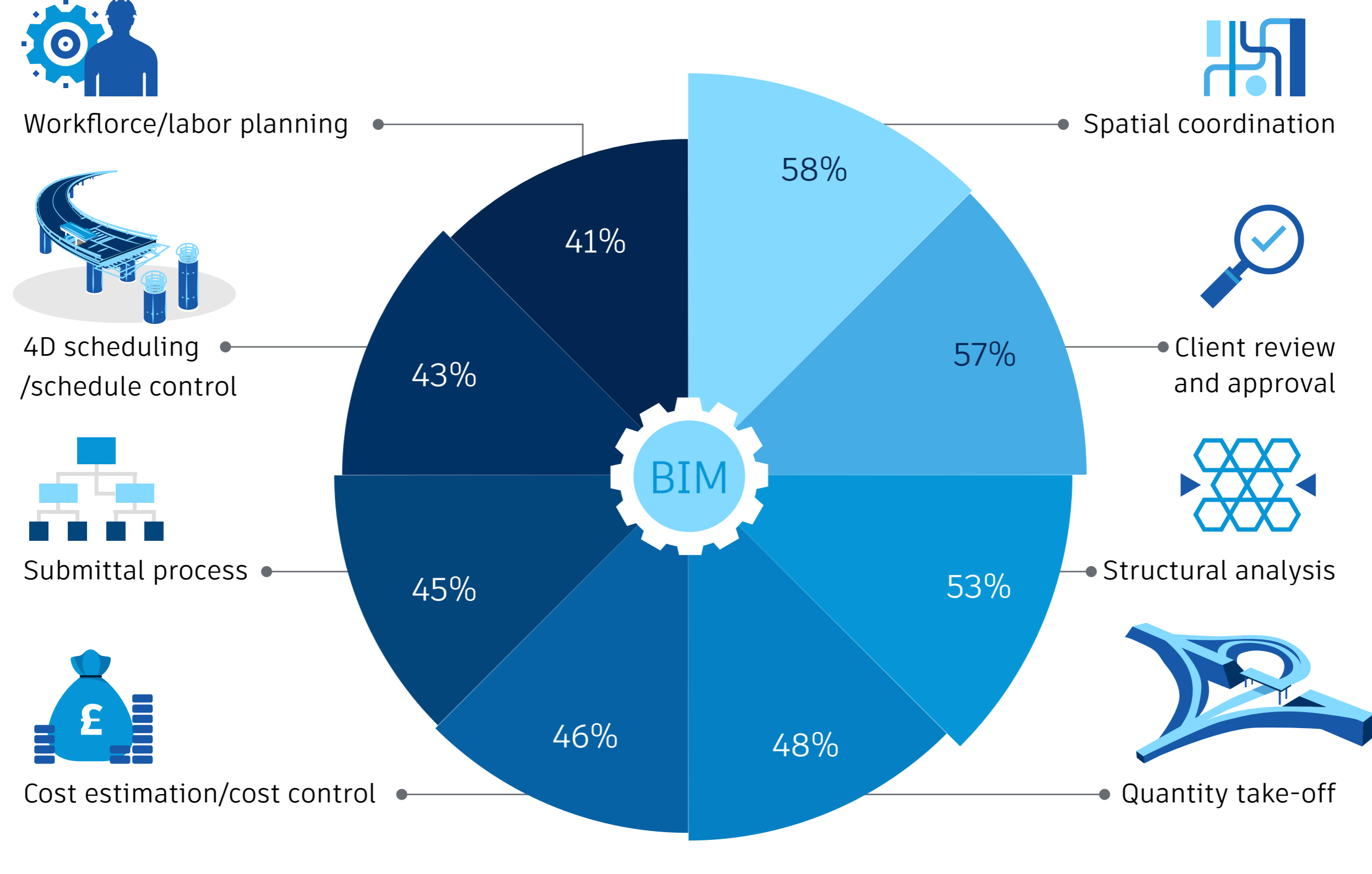


BENEFITS OF BIM

The majority (87%) of BIM users in the study report that they are receiving positive value from their use of BIM. Most believe that they have only just begun to experience the full potential.

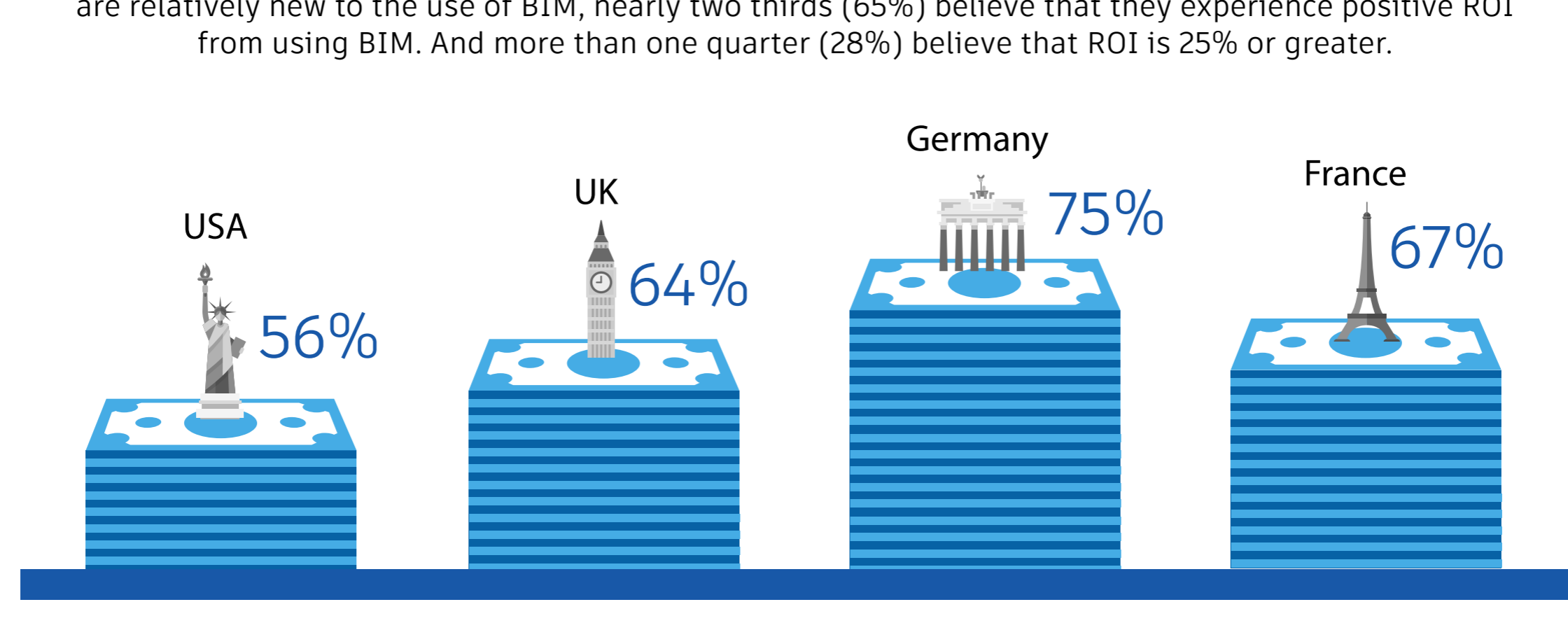


HIGHEST VALUE PROJECT ACTIVITIES



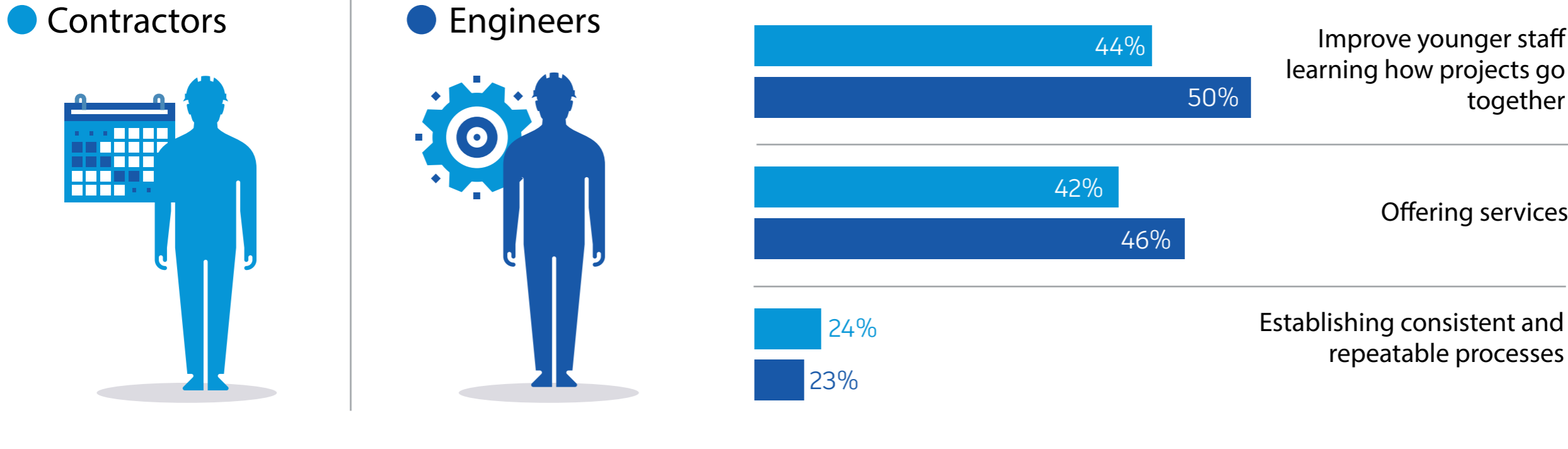
RETURN ON INVESTMENT

Despite the fact that many of the respondents - especially those in France, Germany and United Kingdom are relatively new to the use of BIM, nearly two thirds (65%) believe that they experience positive ROI from using BIM. More than one quarter (28%) believe that ROI is 25% or greater.

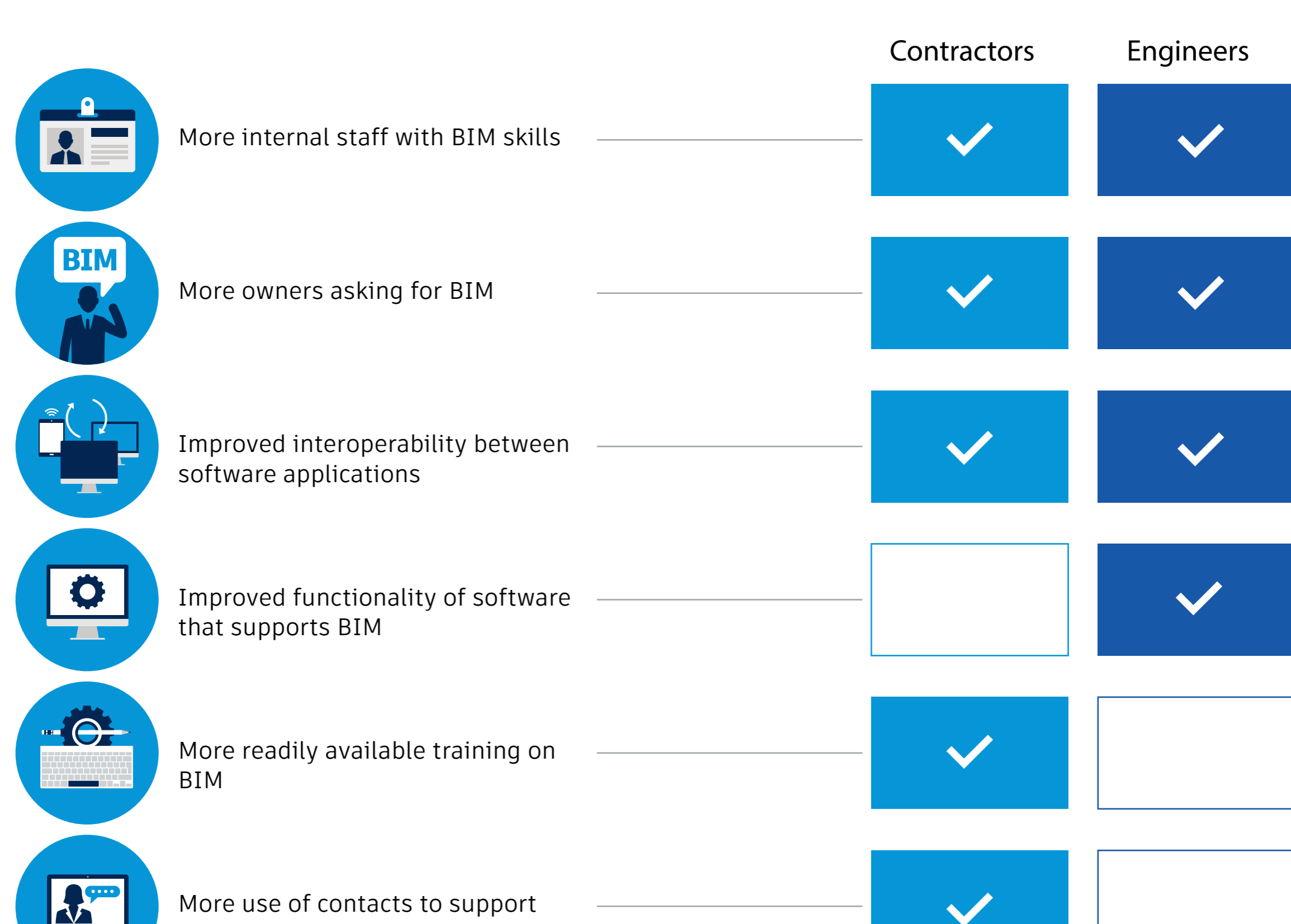


TOP THREE INTERNAL BUSINESS BENEFITS OF BIM

Most users report that having BIM capability yields important internal benefits to their own businesses. Here are the top three internal business benefits for both engineers and contractors.



TOP FACTORS THAT WOULD IMPROVE BIM BENEFITS



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