The Business Value of BIM for Water Projects

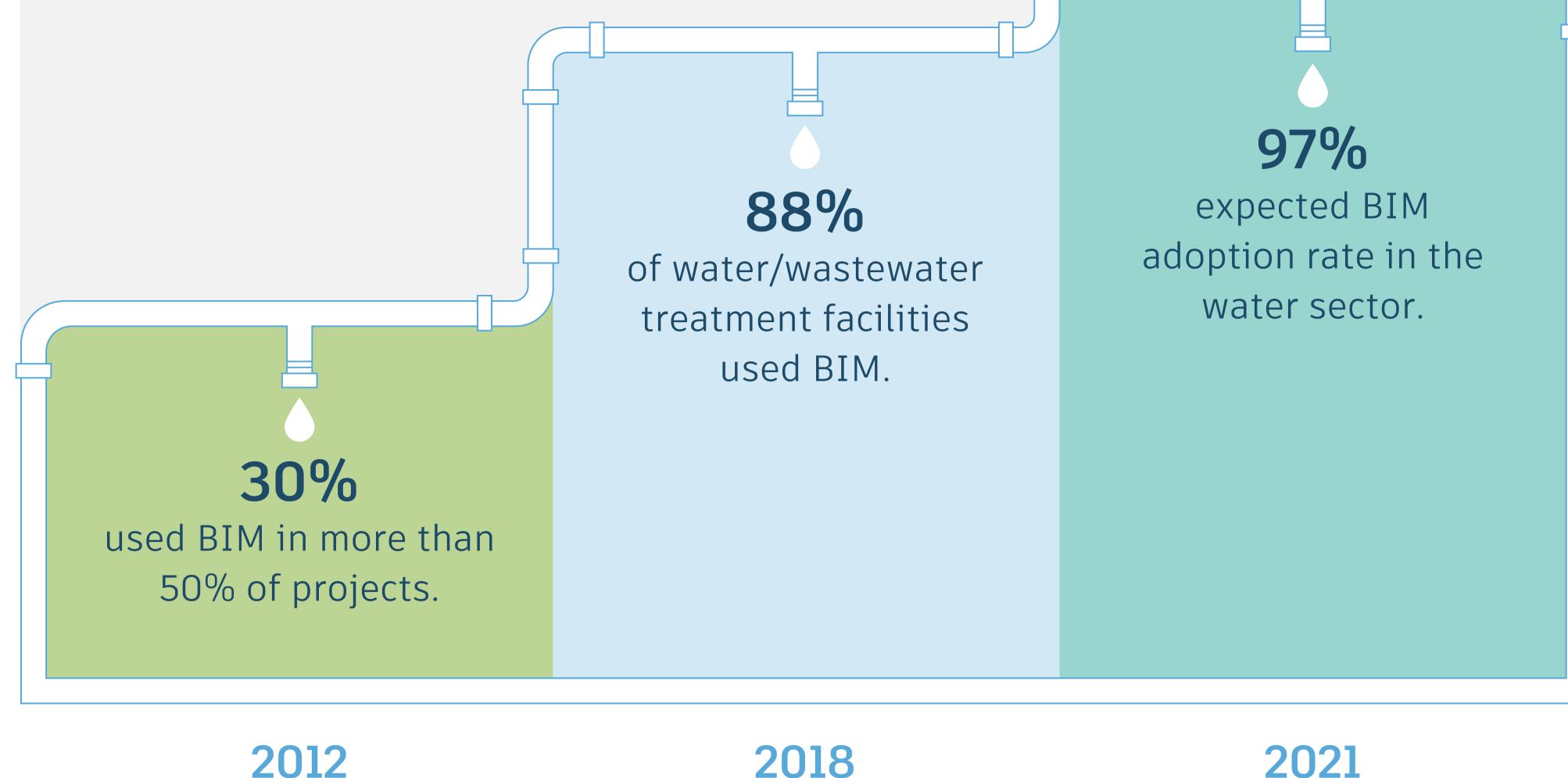
In their 2018 report, Dodge Data & Analytics reported that worldwide adoption rates on the use of BIM for water sector projects are on the rise, improving cost efficiencies, enhancing collaboration and reducing risks throughout these projects.

> WHAT IS THE VALUE OF BIM FOR WATER PROJECTS, AND WHAT DOES THIS MEAN FOR YOU?

In 2012, BIM adoption for water projects was among the lowest

RAPID BIM ADOPTION

in the infrastructure sector. By 2018, engineers, contractors and owners had rapidly taken to implementing BIM on their projects. WATER SECTOR BIM ADOPTION



(projected)

With BIM, project teams can deliver more accurate designs and increase reliability on projects, helping to improve project quality

TOP PROJECT BENEFITS OF BIM

and minimize costly project overruns.



Better cost control



ADDITIONAL BENEFITS



Reduced workflow cycle times

Reduced construction costs

GUY VOSS

Reduced rework during construction

Better safety performance Reduced project duration

By digitally building things in a BIM

Improved safety

Faster approvals

environment before mobilizing the workforce, you're reducing risks, finding challenges earlier and reducing costs.

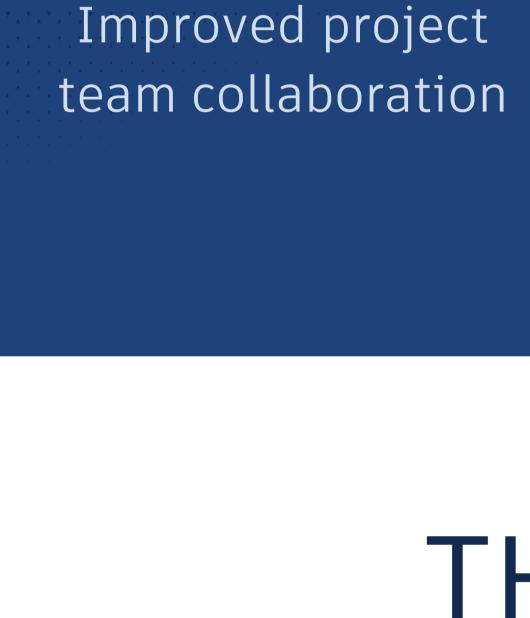
Director, Business Development, McCarthy Building Companies

THE BUSINESS IMPACTS OF BIM

Plant projects can be complex. BIM helps engineers and contractors improve

how project teams collaborate and manage costs, helping to deliver

better projects and enhance client satisfaction.



58%



Key factors to determine ROI from the use of BIM in water projects.

Reduce rework, keep projects on schedule and on budget.

Enhance design quality and completed project performance.

Among the things that appeal to us is the

possibility to construct, visualize, and simulate

serious errors can be avoided to the greatest

possible extent when constructing the plants

our models in AutoCAD Plant 3D. Because of this,



Increase profitability.

Improve cost controls.



reduce costs.

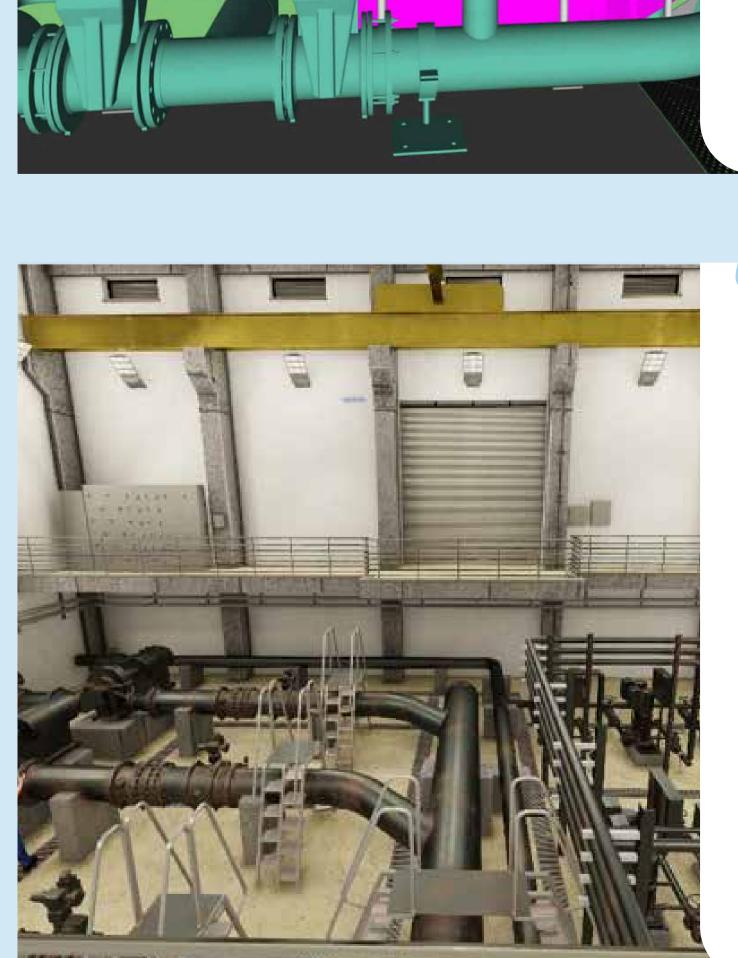
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GET THE MOST OUT OF BIM

Learn more about Autodesk BIM for plant design

Paul Heath

ATKINS



Using Revit and other Autodesk BIM solutions for our design, we are delivering a higher quality design and enhancing our firm's communication with our client, which will ultimately reduce their construction rework costs.

SU-YAPI ENGINEERING & CONSULTING INC.

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