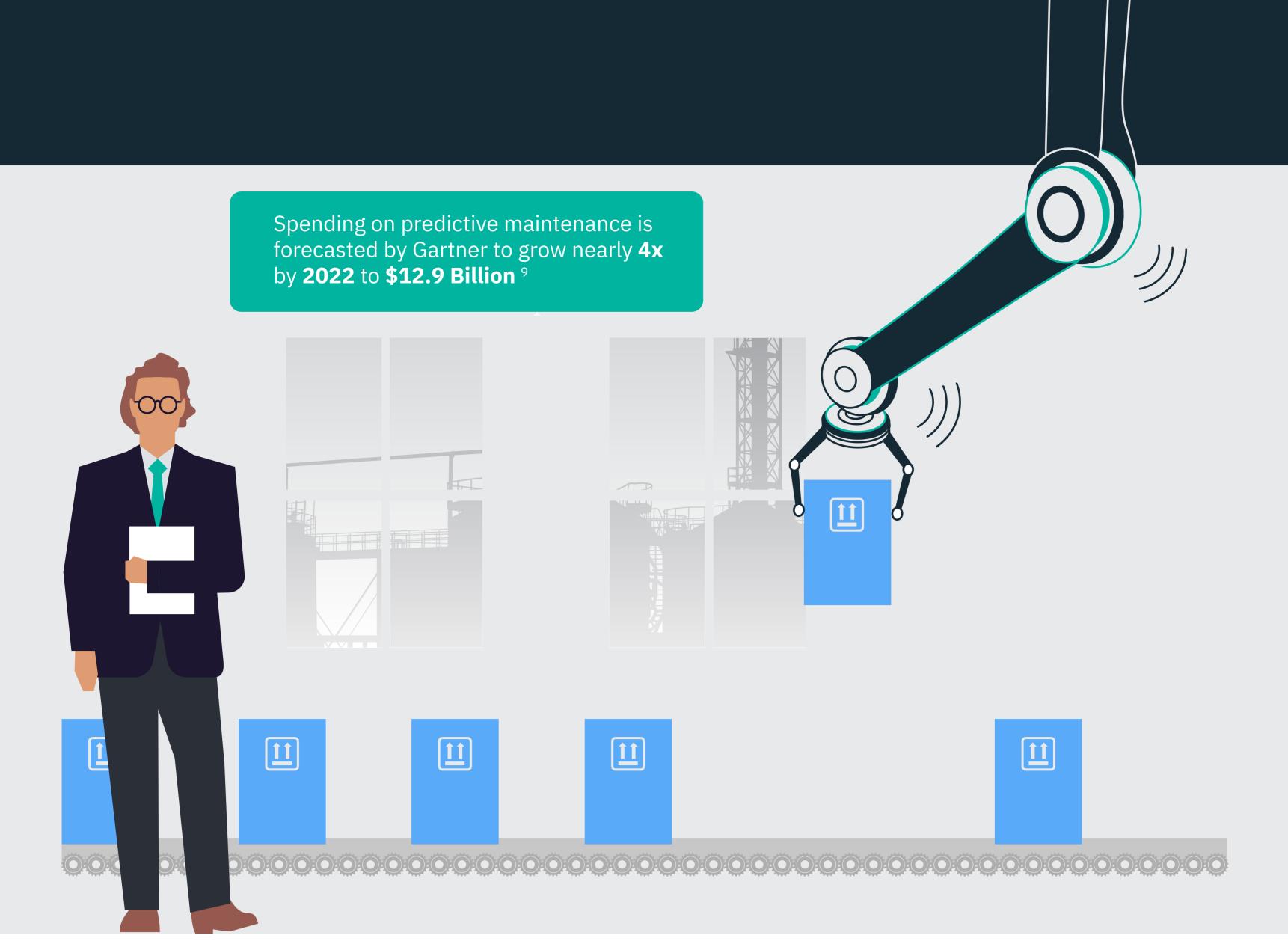
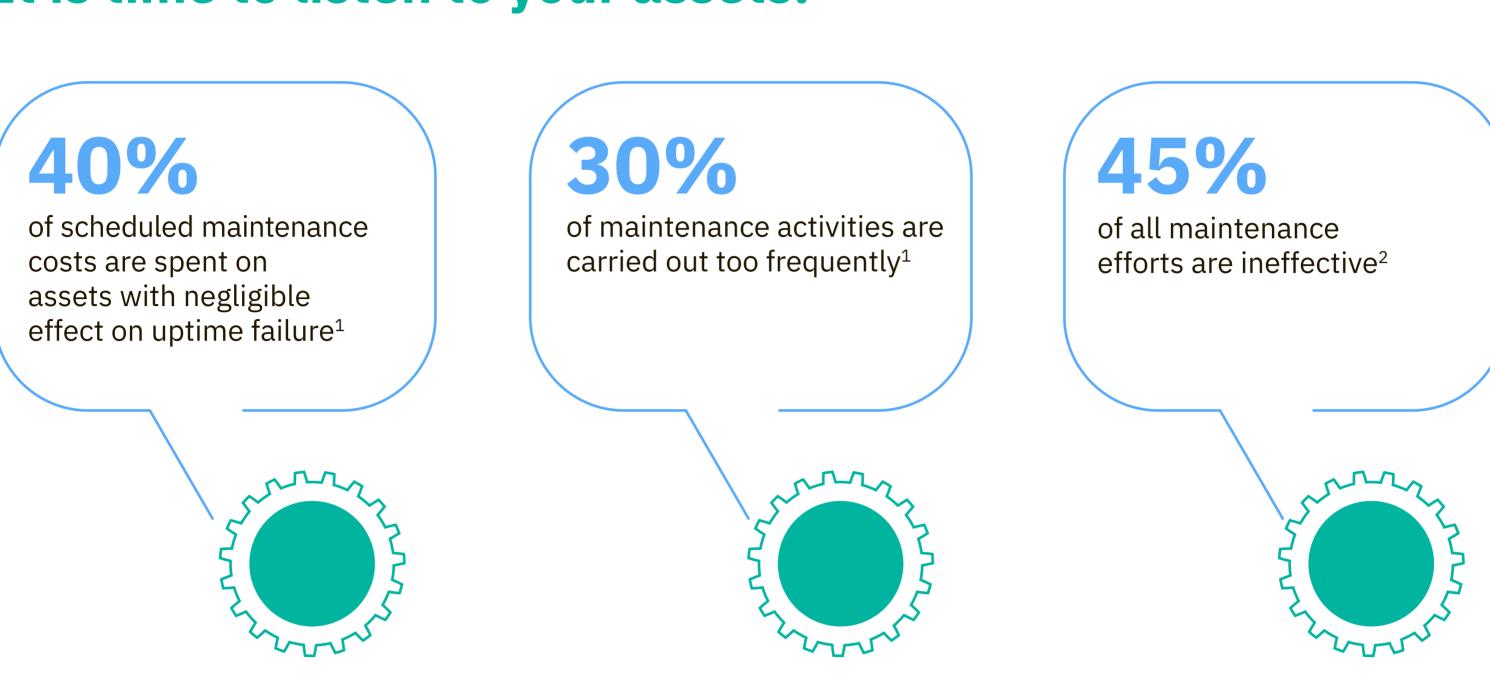
Want to get more out of your asset management efforts? Time to include predictive maintenance.



It's critical to think about how effective your maintenance practices are. For many organizations, there is significant waste in costs and resources.

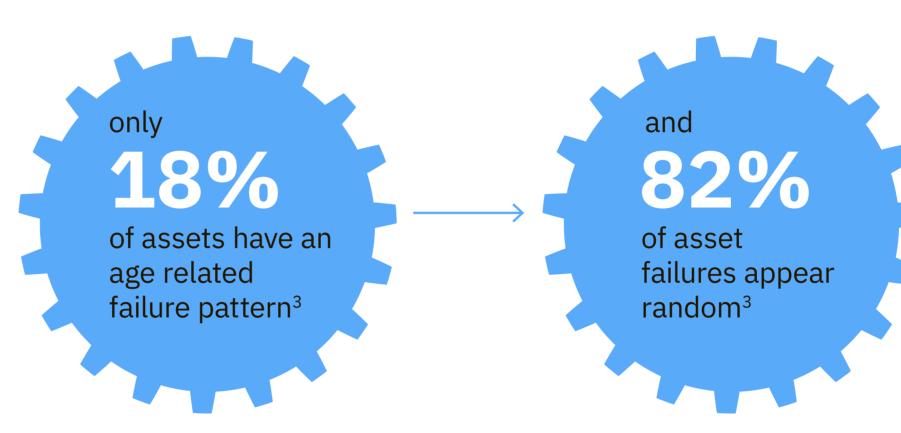
It is time to listen to your assets!



or usage-based. Yet this is often not the best approach for all assets or industries. Here is

Traditional maintenance is often time





Predictive maintenance is a data and analytics-driven approach that helps you predict potential issues before they occur.

and yet...

A full 40%

form of predictive maintenance.4

of organizations are not using any

Only 23%

of organizations that are using predictive maintenance integrate

work order systems.4

On one oil rig

of data collected from sensor-enabled assets went unused.5

your time, money and resources? Predictive maintenance is the first step. By using data and analytics to make better decisions, you can reduce downtime and minimize operational risk.

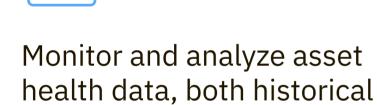
How do you know where to spend

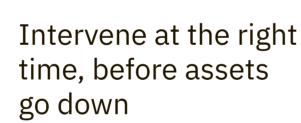
In the future for certain asset classes, you can build on this capability to monitor conditions in real-time, trigger maintenance actions, and provide prescriptive repair advice to ensure the right fix the first time.

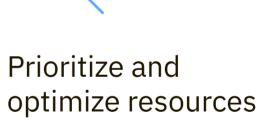


and real-time

You can:

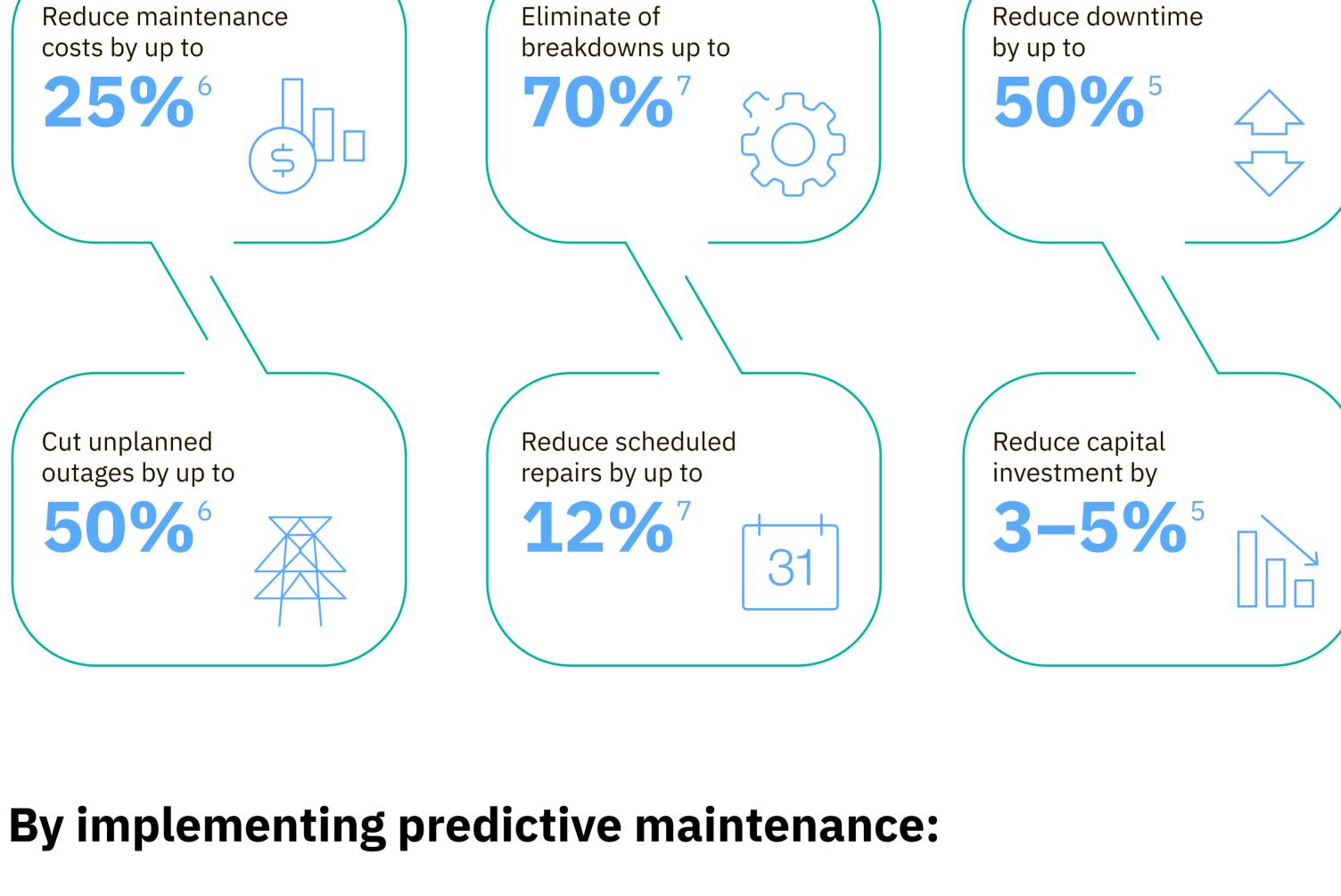






Reduce maintenance Eliminate of costs by up to breakdowns up to

The results speak for themselves:



maintenance can reduced by up to hours can be reduced by **50%**⁴

Your machines are talking.

Total spend on preventive

50%-70%⁸

Total preventive maintenance

Efficiency of repairs can be improved up to **50%**⁴

Are you listening?



Ready to maximize uptime of your critical assets?

Learn more

Watson IoT...

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¹ Source: Oniqua Enterprise Analytics, Reducing the Cost of Preventative Maintenance, http://www.plant-maintenance.com/articles/PMCostReduction.pdf

²Source: T.A. Cook, Maintenance Efficiency Report 2013, August 2013. http://uk.tacook.com/fileadmin/files/3_Studies/Studies/2013/ T.A._Cook_Maintenance_Efficiency_Report_2013_En.pdf?tracked=1 ³ Source: ARC view, Optimize Asset Performance with Industrial IoT and Analytics, August 2015 http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?subtype= WH&infotype=SA&htmlfid=WWL12350USEN&attachment=WWL12350USEN.PDF

⁴Source: Enterprise Asset Management and Field Service Management, ARC Advisory Group, 04/17/2015. http://www.arcweb.com/market-studies/pages/ enterprise-asset-management.aspx ⁵Source: McKinsey https://www.mckinsey.de/sites/mck_files/files/unlocking_the_potential_of_the_internet_of_things_full_report.pdf

⁷ Source: G.P. Sullivan, R. Pugh, A.P. Melendez and W.D. Hunt, "Operations & Maintenance Best Practices: A Guide to Achieving Operational Efficiency, Release 3.0," Pacific

Northwest National Laboratory, U.S. Department of Energy, August 2010. 8 Source: IDCON Inc., Optimize your Preventive Maintenance, http://www.idcon.com/resource-library/articles/prenevtive-maintenance/528-optimize-preventive-maintenance.html ⁹ Source: https://www.gartner.com/doc/3856379/market-trends-predictive-maintenance-drives

37015637USEN-00

⁶Source: Fortune http://fortune.com/2015/07/22/mckinsey-internet-of-things/