

agile project management benefits

Agile Project Management Benefits: A Comprehensive Guide

Author: Jane Doe, PMP, CSM, Certified Agile Coach with 15 years of experience leading and mentoring teams in agile project management across diverse industries, including software development, marketing, and construction.

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Summary: This comprehensive guide explores the numerous benefits of agile project management, examining how its iterative approach, focus on collaboration, and adaptability lead to improved project outcomes. We'll delve into best practices for successful agile implementation, common pitfalls to avoid, and provide a framework for maximizing the benefits of this methodology. The guide also addresses frequently asked questions and suggests further reading on related topics.

Introduction:

In today's fast-paced and dynamic business environment, traditional project management methodologies often struggle to keep up. This is where agile project management steps in, offering a flexible and adaptive approach that delivers significant benefits. Understanding these agile project management benefits is crucial for organizations looking to improve project success rates, boost team morale, and enhance overall productivity. This guide provides a deep dive into the advantages of agile, exploring both the theoretical underpinnings and practical implications.

H1: Key Agile Project Management Benefits

Adopting agile methodologies offers a range of advantages across various project aspects. The core agile project management benefits stem from its iterative and incremental nature, emphasizing collaboration, flexibility, and continuous improvement.

H2: Increased Flexibility and Adaptability: Agile's iterative approach allows for changes in requirements throughout the project lifecycle. Unlike traditional waterfall methods, agile embraces change, adapting to evolving client needs and market demands. This flexibility minimizes the risk of delivering a product that is outdated or irrelevant.

H2: Improved Collaboration and Communication: Agile emphasizes teamwork and open communication. Daily stand-up meetings, sprint reviews, and retrospectives foster a collaborative environment where team members share information, identify challenges, and work together towards common goals. This enhances transparency and accountability.

H2: Enhanced Customer Satisfaction: Frequent feedback loops ensure the final product aligns closely with client expectations. Regular demonstrations and iterative development allow for course correction based on user feedback, leading to higher levels of customer satisfaction.

H2: Faster Time to Market: Agile's iterative development approach allows for the release of functional increments early and often. This accelerated delivery reduces time-to-market, giving businesses a competitive edge.

H2: Reduced Risks and Improved Quality: By breaking down projects into smaller, manageable iterations, agile reduces the overall project risk. Early and frequent testing throughout the development lifecycle helps identify and address bugs quickly, resulting in higher quality products.

H2: Increased Team Morale and Productivity: The collaborative and empowering nature of agile fosters a more positive and motivated work environment. Teams enjoy greater autonomy, ownership, and the satisfaction of delivering value incrementally.

H1: Best Practices for Maximizing Agile Project Management Benefits

To fully reap the rewards of agile project management benefits, organizations need to implement best practices:

H2: Choose the Right Agile Framework: Scrum, Kanban, Lean, and XP are just some of the available frameworks. Selecting the right one depends on the project's specifics and organizational context.

H2: Establish Clear Goals and Objectives: While agile embraces change, a well-defined vision and clear project goals are still essential.

H2: Build a High-Performing Agile Team: Invest in training and coaching to equip the team with the necessary skills and understanding of agile principles.

H2: Utilize Agile Tools and Technologies: Project management software, collaboration platforms, and other tools can streamline workflows and enhance communication.

H2: Regularly Review and Adapt: Agile is an iterative process; continuous improvement is key. Regular retrospectives provide opportunities to identify areas for improvement and refine processes.

H1: Common Pitfalls to Avoid

Despite its advantages, implementing agile can present challenges if certain pitfalls are not avoided:

H2: Insufficient Training and Buy-in: Lack of proper training and a lack of commitment from team members can hinder successful agile implementation.

H2: Ignoring established Processes: Completely disregarding all established procedures can create

chaos. Agile needs to integrate with, not replace, essential processes.

H2: Micromanagement: Agile thrives on trust and autonomy. Micromanaging the team stifles creativity and collaboration.

H2: Unrealistic Expectations: Agile doesn't guarantee immediate miracles. It takes time to fully embrace the methodology and realize its benefits.

Conclusion:

Agile project management offers significant benefits, transforming the way projects are planned, executed, and delivered. By embracing its principles of flexibility, collaboration, and continuous improvement, organizations can unlock increased efficiency, improved quality, higher customer satisfaction, and a more engaged and motivated workforce. While challenges may arise, understanding the best practices and avoiding common pitfalls are crucial for maximizing the agile project management benefits and achieving project success.

FAQs:

1. What is the difference between Agile and Waterfall methodologies? Waterfall follows a linear sequence of phases, while Agile is iterative and incremental.

1. Which Agile framework is best for my project? The best framework depends on your project's specific needs and your team's experience.

1. How do I measure the success of an Agile project? Success is measured by delivering value incrementally, meeting customer needs, and adapting to changes.

1. What are some common Agile metrics? Velocity, cycle time, burndown charts, and customer satisfaction scores are examples.

1. How can I improve team collaboration in an Agile environment? Regular communication, retrospectives, and collaborative tools are essential.

1. How do I handle changing requirements in an Agile project? Agile embraces change; adapt the

backlog and prioritize features based on value and urgency.

1. What are the roles in a Scrum team? Typical roles include Scrum Master, Product Owner, and Development Team.
1. What are some popular Agile tools? Jira, Trello, Asana, and Azure DevOps are popular choices.
1. Is Agile suitable for all types of projects? While Agile is highly effective for many projects, it might not be suitable for all contexts, particularly those with highly rigid requirements or strict regulatory constraints.

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- Shows how to apply Lean principles to project management (PM)
- Teaches the application of simple Six Sigma metrics in PM
- Discusses the adoption of Agile techniques in PM in order to stay on task and remain flexible
- Helps readers discover the theoretical synergies between popular PM programs
- Promotes an understanding of how Lean people skills can help a person become a better leader and manager

Since the publication of the first edition of this book, the bodies of knowledge have all been systematically updated. In addition, through conducting peer groups and detailed workshops, the Author has simplified many of the basics, and they are now much easier to understand. Essentially, the Author believes traditional project management can benefit from adding Lean and Agile, but she has simplified the model for greater efficiency.

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David F. Rico, Hasan H. Sayani, Saya Sone, 2009-10-15 Whether to continue using traditional cost and benefit analysis methods such as systems and software engineering standards or to use a relatively new family of software development processes known as Agile methods is one of most prevalent questions within the information technology field today. Since each family of methods has its strengths and weaknesses, the question being raised by a growing number of executives and practitioners is: Which family of methods provides the greater business value and return on investment (ROI)? Whereas traditional methods have been in use for many decades, Agile methods are still a new phenomenon and, until now, very little literature has existed on how to quantify the business value of Agile methods in economic terms, such as ROI and net present value (NPV). Using cost of quality, total cost of ownership, and total life cycle cost parameters, *The Business Value of Agile Software Methods* offers a comprehensive methodology and introduces the industry's initial top-down parametric models for quantifying the costs and benefits of using Agile methods to create innovative software products. Based on real-world data, it illustrates the first simple-to-use parametric models of Real Options for estimating the business value of Agile methods since the inception of the Nobel prize winning Black-Scholes formulas. Numerous examples on how to estimate the costs, benefits, ROI, NPV, and real options of the major types of Agile methods such as Scrum, Extreme Programming and Crystal Methods are also included. In addition, this reference provides the first comprehensive compilation of cost and benefit data on Agile methods from an analysis of hundreds of research studies. *The Business Value of Agile Software Methods* shatters key myths and misconceptions surrounding the modern-day phenomenon of Agile methods for creating innovative software products. It provides a complete business value comparison between traditional and Agile methods. The keys to maximizing the business value of any method are low costs and high benefits and the business value of Agile methods, when compared to traditional methods, proves to be very impressive. Agile methods are a new model of project management that can be used to improve the success, business value, and ROI of high-risk and highly complex IT projects in today's dynamic, turbulent, and highly uncertain marketplace. If you are an executive, manager, scholar, student, consultant or practitioner currently on the fence, you need to read this book!

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strategic options. For projects to optimally enable business activities, the short and long-term business strategy must be the primary focus. Being a thought leader means maintaining an open mind and practicing continuous and deliberate improvement, innovation, and transformation, while also leveraging the best available forward facing project options. WHAT'S COVERED? Business strategy & transformation, thought leadership, the role of project management, human resource elements, remote PM, methodologies, change management, PM software and KPIs. WHO THIS BOOK IS FOR Written by a media recognized project management and leadership expert, this book is for thought leaders seeking insight into senior level strategic aspects of leadership, planning, processes, career, and resource topics. The book serves as a high-level go-to-guide for anyone involved in or interested in business strategy and transformation, project management or leadership. For: -C-Suites-business owners -HR specialists -recruiters -PM educators-leadership coaches-students and candidates-stakeholders-consultants-anyone interested in strategy or PM For those who choose to lead....not lag.

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traditional project management models to provide a more effective strategy Includes many cases taken from real-world companies illustrating good and bad agile implementation Provides coverage that is balanced and objective with discussion of both agile and non-agile methodologies Making Sense of Agile Project Management employs a straightforward approach that enables project managers to grasp concepts quickly and develop adaptable management tools for creating a vibrant and fluid business environment. By utilizing the principles laid out in this book, business managers and leaders will strengthen their ability to meet the risks and complexities of any individual project—and better understand how to blend the appropriate balance of control and agility into an overall business strategy.

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faster, more accurate development.

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agile project management benefits: Coaching Agile Teams Lyssa Adkins, 2010-05-18 The Provocative and Practical Guide to Coaching Agile Teams As an agile coach, you can help project teams become outstanding at agile, creating products that make them proud and helping organizations reap the powerful benefits of teams that deliver both innovation and excellence. More and more frequently, ScrumMasters and project managers are being asked to coach agile teams. But it's a challenging role. It requires new skills—as well as a subtle understanding of when to step in and when to step back. Migrating from “command and control” to agile coaching requires a whole new mind-set. In *Coaching Agile Teams*, Lyssa Adkins gives agile coaches the insights they need to adopt this new mind-set and to guide teams to extraordinary performance in a re-energized work environment. You'll gain a deep view into the role of the agile coach, discover what works and what doesn't, and learn how to adapt powerful skills from many allied disciplines, including the fields of professional coaching and mentoring. Coverage includes Understanding what it takes to be a great agile coach Mastering all of the agile coach's roles: teacher, mentor, problem solver, conflict navigator, and performance coach Creating an environment where self-organized, high-performance teams can emerge Coaching teams past cooperation and into full collaboration Evolving your

leadership style as your team grows and changes Staying actively engaged without dominating your team and stunting its growth Recognizing failure, recovery, and success modes in your coaching Getting the most out of your own personal agile coaching journey Whether you're an agile coach, leader, trainer, mentor, facilitator, ScrumMaster, project manager, product owner, or team member, this book will help you become skilled at helping others become truly great. What could possibly be more rewarding?

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agile project management benefits: *Succeeding with Agile* Mike Cohn, 2010 Proven, 100% Practical Guidance for Making Scrum and Agile Work in Any Organization This is the definitive, realistic, actionable guide to starting fast with Scrum and agile-and then succeeding over the long haul. Leading agile consultant and practitioner Mike Cohn presents detailed recommendations, powerful tips, and real-world case studies drawn from his unparalleled experience helping hundreds of software organizations make Scrum and agile work. *Succeeding with Agile* is for pragmatic software professionals who want real answers to the most difficult challenges they face in implementing Scrum. Cohn covers every facet of the transition: getting started, helping individuals transition to new roles, structuring teams, scaling up, working with a distributed team, and finally, implementing effective metrics and continuous improvement. Throughout, Cohn presents Things to Try Now sections based on his most successful advice. Complementary Objection sections reproduce typical conversations with those resisting change and offer practical guidance for addressing their concerns. Coverage includes Practical ways to get started immediately-and get good fast Overcoming individual resistance to the changes Scrum requires Staffing Scrum projects and building effective teams Establishing improvement communities of people who are passionate about driving change Choosing which agile technical practices to use or experiment with Leading self-organizing teams Making the most of Scrum sprints, planning, and quality techniques Scaling Scrum to distributed, multiteam projects Using Scrum on projects with complex sequential processes or challenging compliance and governance requirements Understanding Scrum's impact on HR, facilities, and project management Whether you've completed a few sprints or multiple agile projects and whatever your role-manager, developer, coach, ScrumMaster, product owner, analyst, team lead, or project lead-this book will help you succeed with your very next project. Then, it will help you go much further: It will help you transform your entire development organization.

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and formality, ranging from the minimalist technique-driven and software engineering focused XP, to the pragmatic product-project paradigm that is Scrum and its scaled counterpart SAFe®, to the comparatively project-centric DSDM. Subsequently, the core of the book focuses on DSDM, owing to the method's comprehensive elaboration of program and project management practices. This work will chiefly be of interest to all those with decision-making authority within their organizations (e.g., senior managers, line managers, program, project and risk managers) and for whom topics such as strategy, finance, quality, governance and risk management constitute a daily aspect of their work. It will, however, also be of interest to those readers in advanced management or business administration courses (e.g., MBA, MSc), who wish to engage in the management of agile organizations and thus need to adapt their skills and knowledge accordingly.

agile project management benefits: Agile Project Management with Kanban Eric Brechner, 2015 With Kanban, every minute you spend on a software project can add value for customers. One book can help you achieve this goal: Agile Project Management with Kanban. Author Eric Brechner pioneered Kanban within the Xbox engineering team at Microsoft. Now he shows you exactly how to make it work for your team. Think of this book as {28}Kanban in a box.

agile project management benefits: Agile Estimating and Planning Mike Cohn, 2005-11-01 Agile Estimating and Planning is the definitive, practical guide to estimating and planning agile projects. In this book, Agile Alliance cofounder Mike Cohn discusses the philosophy of agile estimating and planning and shows you exactly how to get the job done, with real-world examples and case studies. Concepts are clearly illustrated and readers are guided, step by step, toward how to answer the following questions: What will we build? How big will it be? When must it be done? How much can I really complete by then? You will first learn what makes a good plan-and then what makes it agile. Using the techniques in Agile Estimating and Planning, you can stay agile from start to finish, saving time, conserving resources, and accomplishing more. Highlights include: Why conventional prescriptive planning fails and why agile planning works How to estimate feature size using story points and ideal days-and when to use each How and when to re-estimate How to prioritize features using both financial and nonfinancial approaches How to split large features into smaller, more manageable ones How to plan iterations and predict your team's initial rate of progress How to schedule projects that have unusually high uncertainty or schedule-related risk How to estimate projects that will be worked on by multiple teams Agile Estimating and Planning supports any agile, semiagile, or iterative process, including Scrum, XP, Feature-Driven Development, Crystal, Adaptive Software Development, DSDM, Unified Process, and many more. It will be an indispensable resource for every development manager, team leader, and team member.

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agile project management benefits: Doing Agile Right Darrell Rigby, Sarah Elk, Steve Berez, 2020-05-26 Agile has the power to transform work--but only if it's implemented the right way. For decades business leaders have been painfully aware of a huge chasm: They aspire to create nimble, flexible enterprises. But their day-to-day reality is silos, sluggish processes, and stalled innovation. Today, agile is hailed as the essential bridge across this chasm, with the potential to transform a company and catapult it to the head of the pack. Not so fast. In this clear-eyed, indispensable book, Bain & Company thought leader Darrell Rigby and his colleagues Sarah Elk and Steve Berez provide a much-needed reality check. They dispel the myths and misconceptions that have accompanied agile's rise to prominence--the idea that it can reshape an organization all at once, for instance, or that it should be used in every function and for all types of work. They illustrate that agile teams can indeed be powerful, making people's jobs more rewarding and turbocharging innovation, but such results are possible only if the method is fully understood and implemented the right way. The key,

they argue, is balance. Every organization must optimize and tightly control some of its operations, and at the same time innovate. Agile, done well, enables vigorous innovation without sacrificing the efficiency and reliability essential to traditional operations. The authors break down how agile really works, show what not to do, and explain the crucial importance of scaling agile properly in order to reap its full benefit. They then lay out a road map for leading the transition to a truly agile enterprise. Agile isn't a goal in itself; it's a means to becoming a high-performance operation. Doing Agile Right is a must-have guide for any company trying to make the transition--or trying to sustain high agility.

agile project management benefits: *Managing Agile Projects* Kevin Aguanno, 2005

Annotation Are you being asked to manage a project with:- unclear requirements? - high levels of change? - a team using Extreme Programming or other Agile Methods? This book is for project managers who are interested in learning the secrets of successfully controlling and delivering agile projects. From learning how agile projects are different from traditional projects, to detailed guidance on a number of agile management techniques, this book includes contributions from some of the industry experts -- the visionaries who developed the agile methodologies in the first place. Contributors include:- Scott Ambler, developer of Agile Modeling - Alistair Cockburn, the developer of Crystal Methods - Larry Constantine, the visionary behind user-centred design and use cases- Ron Jeffries, co-creator of Extreme Programming - Linda Rising, the leading expert on the use of patterns in software design- and many others.

agile project management benefits: *Scrum and XP from the Trenches - 2nd Edition*

Henrik Kniberg, 2015 This book aims to give you a head start by providing a detailed down-to-earth account of how one Swedish company implemented Scrum and XP with a team of approximately 40 people and how they continuously improved their process over a year's time. Under the leadership of Henrik Kniberg they experimented with different team sizes, different sprint lengths, different ways of defining done, different formats for product backlogs and sprint backlogs, different testing strategies, different ways of doing demos, different ways of synchronizing multiple Scrum teams, etc. They also experimented with XP practices - different ways of doing continuous build, pair programming, test driven development, etc, and how to combine this with Scrum. This second edition is an annotated version, a director's cut where Henrik reflects upon the content and shares new insights gained since the first version of the book.

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Hundreds of organizations around the world have already benefited from Disciplined Agile Delivery (DAD). Disciplined Agile (DA) is the only comprehensive tool kit available for guidance on building high-performance agile teams and optimizing your way of working (WoW). As a hybrid of all the leading agile and lean approaches, it provides hundreds of strategies to help you make better decisions within your agile teams, balancing self-organization with the realities and constraints of your unique enterprise context. The highlights of this handbook include: #1. As the official source of knowledge on DAD, it includes greatly improved and enhanced strategies with a revised set of goal diagrams based upon learnings from applying DAD in the field. #2 It is an essential handbook to help coaches and teams make better decisions in their daily work, providing a wealth of ideas for experimenting with agile and lean techniques while providing specific guidance and trade-offs for those it depends questions. #3 It makes a perfect study guide for Disciplined Agile certification. Why fail fast (as our industry likes to recommend) when you can learn quickly on your journey to high performance? With this handbook, you can make better decisions based upon proven, context-based strategies, leading to earlier success and better outcomes--

agile project management benefits: *Lean Software Development* Mary Poppendieck, Tom

Poppendieck, 2003-05-08 Lean Software Development: An Agile Toolkit Adapting agile practices to your development organization Uncovering and eradicating waste throughout the software development lifecycle Practical techniques for every development manager, project manager, and technical leader Lean software development: applying agile principles to your organization In Lean Software Development, Mary and Tom Poppendieck identify seven fundamental lean principles,

adapt them for the world of software development, and show how they can serve as the foundation for agile development approaches that work. Along the way, they introduce 22 thinking tools that can help you customize the right agile practices for any environment. Better, cheaper, faster software development. You can have all three—if you adopt the same lean principles that have already revolutionized manufacturing, logistics and product development. Iterating towards excellence: software development as an exercise in discovery Managing uncertainty: decide as late as possible by building change into the system. Compressing the value stream: rapid development, feedback, and improvement Empowering teams and individuals without compromising coordination Software with integrity: promoting coherence, usability, fitness, maintainability, and adaptability How to see the whole—even when your developers are scattered across multiple locations and contractors Simply put, Lean Software Development helps you refocus development on value, flow, and people—so you can achieve breakthrough quality, savings, speed, and business alignment.

agile project management benefits: *Agile Project Management Your Questions Answered!*
Adam Foster, 2023-11-24 Master the Concepts of Agile Project Management with this Comprehensive Guide of Thought-Provoking Questions and Answers. *Agile Project Management: Your Questions Answered!* is a comprehensive guide that explores the concepts of Agile project management through a series of thought-provoking questions and answers. The book covers all aspects of Agile project management, from its mindset and principles to its frameworks and methodologies, roles and responsibilities, planning and work management, meetings and ceremonies, metrics and measurement, product development, and much more. Agile project management is a popular approach that emphasizes flexibility, continuous improvement, and collaboration. It has become increasingly relevant in today's fast-paced and ever-changing business landscape, where companies need to be able to quickly adapt to new challenges and opportunities. This book aims to provide readers with a deep understanding of Agile project management and how it can be used to drive innovation, improve customer satisfaction, and optimize team performance. Through its many questions, the book covers a wide range of topics, including the benefits and challenges of Agile project management, how it can be used in non-technical projects, its applications in remote work and customer-centricity, and its role in promoting innovation and risk management. The book also explores how Agile project management supports cross-functional collaboration, employee engagement, data-driven decision-making, user-centered design, and project governance. Whether you are a project manager, a team leader, or a member of an Agile development team, this book is an essential resource for mastering the concepts of Agile project management. It provides a comprehensive guide that will help you navigate the challenges and opportunities of Agile project management and take your team's performance to the next level.

Chapter heading: Agile Mindset and Principles Agile Frameworks and Methodologies Roles and Responsibilities in Agile Teams Agile Planning and Work Management Agile Meetings and Ceremonies Agile Metrics and Measurement Agile Product Development Agile in Non-Technical Projects Benefits and Challenges of Agile Project Management Agile and Remote Work Agile and Customer-Centricity Agile and Innovation Agile and Risk Management Agile and Quality Assurance Agile and Organizational Culture Agile and Employee Engagement Agile and Data-Driven Decision Making Agile and User-Centered Design Agile and Cross-Functional Collaboration Agile and Project Governance

From the introduction: Welcome to *Agile Project Management: Your Questions Answered!* We're thrilled to have you here, and we hope you'll find this comprehensive guide a valuable resource in your Agile project management journey. In today's fast-paced and ever-changing business landscape, Agile project management has become an increasingly popular approach, emphasizing flexibility, continuous improvement, and collaboration. Our goal with this book is to provide you with a deep understanding of Agile project management and how it can help you drive innovation, improve customer satisfaction, and optimize team performance. Through its thought-provoking questions and answers, this book covers a wide range of topics related to Agile project management. We explore everything from its mindset and frameworks to planning and work management, meetings and ceremonies, product development, and much more. We also delve into

how Agile project management supports cross-functional collaboration, employee engagement, data-driven decision-making, user-centered design, and project governance. Whether you're a project manager, a team leader, or a member of an Agile development team, we're confident that this book will provide you with the knowledge and tools you need to navigate the challenges and opportunities of Agile project management. Our aim is to provide a comprehensive guide that is both professional and friendly, helping you unleash your team's potential while keeping the process enjoyable and engaging. So, thank you for choosing Agile Project Management: Your Questions Answered! We hope you enjoy the journey ahead and look forward to hearing about your success with Agile project management!

agile project management benefits: Agile: The Insights You Need from Harvard

Business Review Harvard Business Review, 2020-04-21 More than a buzzword, agile is a powerful business tool for all. To the uninitiated, agile is a software development and project management process involving white boards, colored Post-it Notes, and stand-up meetings. It may seem as though agile doesn't and won't ever apply to you. But agile is here to stay, and its benefits can be realized beyond IT and project management into other areas of your business. If you're a leader, it's worth exploring how your group can benefit from the higher productivity and morale agile brings. Agile: The Insights You Need from Harvard Business Review brings you today's most essential thinking on agile, from exploring the conditions under which agile is most effective and easiest to implement to reducing new-product development risk to bringing the most valuable products and features to market faster and more predictably. The lessons in this book will help you introduce agile into a broader range of activities and accelerate profitable growth for your company. Business is changing. Will you adapt or be left behind? Get up to speed and deepen your understanding of the topics that are shaping your company's future with the Insights You Need from Harvard Business Review series. Featuring HBR's smartest thinking on fast-moving issues--blockchain, cybersecurity, AI, and more--each book provides the foundational introduction and practical case studies your organization needs to compete today and collects the best research, interviews, and analysis to get it ready for tomorrow. You can't afford to ignore how these issues will transform the landscape of business and society. The Insights You Need series will help you grasp these critical ideas--and prepare you and your company for the future.

agile project management benefits: Managing Benefits Steve Jenner, APMG International, 2014-09-29 Projects and programmes should achieve a return on the investment made by the owner or sponsor. This return is now thought of as the benefits that accrue from the investment: some financial, others perhaps harder to define, but nonetheless just as important in justifying the investment. Making sure that they are realised, and that unanticipated benefits are maximised, is as important as the initial justification, and without that many projects have earned a bad name for project management. This publication provides comprehensive guidance on how to manage delivery of the benefits used to justify investment in change. It provides guidance for all involved in successful change delivery from senior responsible owners and directors through to portfolio, programme and project managers. The guidance is the source material for an accredited qualification from APMG-International

agile project management benefits: Scrum Jeff Sutherland, J.J. Sutherland, 2014-09-30 The revolutionary "Red Book" that helped a generation work smarter, better, and faster—now expanded and updated with new stories, new ideas, and new methods to radically improve the way you and your company deliver results If you've ever been startled by how fast the world is changing, the Scrum framework is one of the reasons why. Productivity gains in workflow of as much as 1,200 percent have been recorded, and there's no more lucid—or compelling—explainer of Scrum and its bright promise than Jeff Sutherland. The thorny problem that Sutherland began tackling back then boils down to this: People are spectacularly bad at doing things with agility and efficiency. Best-laid plans go up in smoke. Teams often work at cross-purposes to one another. And when the pressure rises, unhappiness soars. Woven with insights from martial arts, judicial decision making, advanced aerial combat, robotics, and Sutherland's experience as a West Point-educated fighter pilot, a

biometrics expert, a medical researcher, an early innovator of ATM technology, and a C-level executive at eleven different technology companies, this book will take you to Scrum's front lines, where Sutherland's system has brought the FBI into the twenty-first century, helped support John Deere's supply chain amid a global pandemic and supply chain shortage, reduced poverty in the Third World, and even planned weddings and accomplished weekend chores. The way we work has changed dramatically since Sutherland first introduced Scrum a decade ago. This urgent update shares new insights and provides new tools to take advantage of the radical productivity that Scrum delivers. Sutherland will show you how to optimize working with artificial intelligence and share the latest cognitive science research on culture, psychological safety, diversity, and happiness, and how these factors drive performance, innovation, and overall organizational health. This new edition contains a decade of lessons learned. Whether it's ten years ago, now, or ten years into the future, the Scrum framework is guaranteed to help you deliver results. But the most important reason to read this book is that it may just help you achieve what others consider unachievable.

agile project management benefits: Lean and Agile Project Management Terra Vanzant Stern, PhD, 2017-02-03 When project managers are faced with budget cuts and fewer resources, waste elimination becomes a priority in maintaining effectiveness. This does not mean shortening or abandoning traditional project cycles, though. In fact, fast results on critical assignments can only be completed with strong plans and a detailed work-breakdown structure. The connections, or lack thereof, are what strongly impact performance and quality. This book defines nine wastes found in project management and demonstrates how they can be addressed with lean technology.

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will benefit from the literature that informs waterfall project management, agile project management, and project management approaches that rely on blending these methodologies. ...

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the benefits of an agile approach and how this would impact the way in which they worked together. In North Yorkshire the software development teams were also already confident ...

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current management, environment, and work techniques, so that improvements can be made. Scrum Theory Scrum is founded on empiricism and lean thinking. Empiricism asserts that ...

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•Discover the benefits of learning about unfamiliar project methodologies. Module 1: Business Environment ... Agile Practice Guide, Project Management Institute, Inc., 2017, Table 3-1, ...

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