

Speaker's Notes

Sweden May 2024



Dear Colleague,

Welcome! These speaker's notes have been created to support you during your presentation. Feel free to use your own examples and experiences to make the content more relatable and engaging. Please note that there are not notes for every slide, only for those that require additional explanation or detail.

The material in this deck is based on the reports:

*AI in Project Management 2024, released January 2024 And
Navigating AI in Project Management, released in April 2024*

*And article: Artificial Intelligence Specialists Share Thoughts on Recent
Community-Led AI Survey*

*Program Director PMI Sweden Chapter
Marly Nilsson*

Slide	Title of slide and detailed information
1-6	These slides are intended to help you tailor your presentation or workshop
7	<p>Title: AI in Project Management - Major Milestones</p> <p>This project journey started in September 2019 when Marly Nilsson, the initiator of this project, read an article in PMNet, Brainpower, titled "How Machine Learning Could Transform Decision Making in Project Management." Realizing that AI would have a major impact on project management, Marly was inspired to learn more about its applications, including through courses at MIT.</p> <p>Two years, a pandemic, and significant digital disruption later, Marly proposed to PMI Sweden to follow up on the article to understand if AI had also impacted interest and maturity in the field. This proposal was endorsed and resulted in interviews with Geetha Gopal and Bruno Rafael Santos, as well as an article, "AI: Implications on Project Management and Has the Pandemic Sped Up the Adoption." Additionally, Geetha and Bruno were invited to speak at the Passion for Projects Congress in May 2022.</p> <p>Before the Congress, Marly proposed conducting a survey to investigate the interest and maturity of AI within the Swedish PM community. The results of this survey were published in a report by Marly and Bruno in October 2022, "Project Management and Artificial Intelligence." A month later, AI disruption became more apparent with the release of ChatGPT by OpenAI.</p> <p>In April 2023, Marly and Bruno proposed a follow-up survey on a global scale, and the report was published in January 2024, "Community-Led AI and Project Management Report." Three months later, another report focusing on sharing experiences and case studies within the community, "Navigating AI in Project Management," was released.</p> <p>In May 2024, the presentation/training deck aimed at supporting the project management community was released, and it is this material that we will delve into today.</p>

Slide	Title of slide and detailed information
8	AI and Project Management Survey Reports
9	Project Success Metrics
11	<p>Title: AI: Catalyst for Project Success & Market Growth</p> <p>Huge potential: Increasing project success by using AI in PM – In an article titled “How AI Will Transform Project Management,” the authors Antonio Nieto-Rodriguez and Ricardo Viana Vargas discuss the impact of AI on project management.</p> <p>They highlight that only 35% of projects today are completed successfully, partly due to the low maturity of available technologies for project management.</p> <p>However, researchers, startups, and innovative organizations are now applying AI, machine learning, and other advanced technologies to project management.</p> <p>By 2030, the field is expected to undergo major shifts, with technology improving project selection, prioritization, progress monitoring, reporting speed, and testing.</p> <p>Project managers, aided by virtual project assistants, will focus more on coaching and stakeholder management than administrative tasks.</p> <p>Market size AI in PM Software & Services expected to triple by 2030: AI in Project Management is expected to triple in market size to 2030, from 2.5B USD (2023) to 7.7B USD (2030).</p> <p>Research Institutes: AI boosts productivity, and ensures success: World Economic Forum Feb 2020, labor productivity in developed countries will increase up to 40% by 2035. Journal of Management Information Systems, AI can increase project success rate by up to 50%.</p> <p>AI will impact the Project Manager role and transform the Way of Working: AI will impact the project manager role and transform the WoW! And 82% leaders think AI will impact projects and success – PMI Pulse of Profession 2023. 76% PM professionals believe AI will transform WoW – AI in PM Survey 2024.</p>

Slide	Title of slide and detailed information
12	<p>Title: Benefits driving the market growth of AI in Project Management</p> <p>Automation benefits: AI can automate routine tasks, freeing project leaders and project management professionals to focus on more strategic tasks.</p> <p>Data analysis Empowerment: AI can analyze vast amounts of data, providing valuable insights and recommendations to project managers.</p> <p>Intelligent Assistance & Decision Support: AI can provide real-time assistance and decision support to project managers, improving the accuracy and speed of decision-making.</p> <p>Optimized Planning & Resource Management: AI can predict outcomes and optimize resource allocation, improving the efficiency and effectiveness of project delivery.</p> <p>Proactive Risk Management: AI can identify potential risks and issues, enabling project and risk managers to take proactive measures to mitigate them.</p> <p>Enhanced Collaboration & Communication: AI can enhance communication & collaboration among team members, improving the overall efficiency of project delivery.</p>
21	<p>Title: Examples of how AI Can Augment the Project Manager</p> <p>Automate routine tasks: AI chatbots and tools can handle tasks like drafting emails, compiling reports, note-taking in meetings, and document creation, freeing up project managers for strategic thinking and problem-solving.</p> <p>Support as Virtual Project Assistants: Can handle administrative aspects like: scheduling appointments, making phone calls, making travel arrangements, and managing email accounts.</p> <p>Act as a writer and a coach: AI can play a crucial role here, acting as a writer and coach, offering a second opinion on your communication, ensuring you use the appropriate tone of voice and that your point is clearly conveyed.</p> <p>Automatic translation for messages, documents: Can help break down language barriers and thereby improve collaboration.</p> <p>AI-driven analytics: AI can proactively identify potential issues, allowing project managers to mitigate risks before they escalate.</p>

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22	<p>Title: Project Manager Future Role</p> <p>Project Managers will focus on strategic, long-term goals: Project Managers will need to shift their focus towards strategic thinking, envisioning long-term project goals and aligning them with organizational objectives.</p> <p>Enhanced leadership and interpersonal skills required: With the automation of administrative tasks, Project Managers will have more time to cultivate leadership qualities and enhance interpersonal skills, fostering collaboration and team cohesive.</p> <p>Understanding of AI technology and Application skills: Familiarity with AI technologies and their application in project management will be crucial. Project Managers must understand how to leverage AI tools effectively to optimize project outcomes.</p> <p>Team Coaching: Guide, mentor, and lead teams to project success: In the evolving role, Project Managers will shift towards guiding and mentoring teams, fostering professional growth, and leading projects to success.</p> <p>Portfolio Management and Resource Allocation: As AI optimizes workflows, Project Managers can focus more on portfolio management and resource allocation, leading to heightened efficiency and increased project success.</p> <p>Continuous Learning and Unlearning: Future Project Managers must continuously learn to ada.pt to change, understand AI, address ethics, and manage risks in an evolving landscape</p>
25	<p>Title: Benefits of Integrating AI into <i>Overall</i> Strategy</p> <p>Operational Efficiency: Streamline project workflows and enhance overall efficiency through AI integration.</p> <p>Enhance Strategic Decision making: Utilize AI for data-driven insights that enhance informed decision-making processes.</p> <p>Drive comprehensive AI Strategy: Align AI use with business goals, clarifying objectives across all functional areas.</p> <p>Integrate AI's advanced analytical methodologies for success: Maintain competitive edge</p>

Slide	Title of slide and detailed information
26	<p>Title: Benefits of Integrating AI into overall PMO Strategy</p> <p>Streamlined PMO Operations: Enhance project planning, scheduling, and tracking with AI.</p> <p>Focused Resource Management: Tailor AI strategy to PMO needs, optimizing project-specific resource allocation.</p> <p>Targeted Optimization: Boost project success rates by tailoring AI solutions to PMO-specific needs.</p> <p>Strategic Focus: Direct AI strategy at PMO level for precise alignment with project goals</p> <p>Project-Centric Collaboration: Foster stakeholder engagement for seamless AI integration within projects.</p> <p>Execution Precision: Tailor AI implementation plans within PMO for optimal project impact.</p>
27-28	<p>Title: AI Integration in Project Management: A Guide to Success & Success factors</p> <p>For a more detailed description read the Navigating AI in PM Report</p>