AI and Sustainability
in PROJECT MANAGEMENT

Europe

Vikram Srivatsava
Moderator

Question:

Do you believe that Project Managers will be replaced by Bots And AI?

Answer:

No, PMs will remain in the center stage and stay pivotal to ensure the completion of the projects. Effective use of AI certainly will help to accelerate the realization of outputs and expected restults.

Question:

How can artificial intelligence (AI) be effectively integrated into project management to enhance the promotion of sustainability goals?

Answer:

AI can be a game changer in the areas of predictive analysis, managing risks, and providing early indicators to the PMs to lead the projects effectively. In fact, AI will play a critical role in improving access to healthcare and education and aid in green coding and other sustainability goals, as we discussed during the panel discussion.

Asia
Brijesh Shah

Question:

Do you believe that Project Managers will be replaced by Bots And AI?

Answer:

No. Project Managers can't be fully replaced by AI. AI can automate repetitive tasks and provide data driven insights which can help to project manager's to build high performance teams , manage the risks efficiently , efficient decision making. Project managers are responsible for making decision, manage stakeholder, agile to adapt the new situations which can't be replaceable by AI.

Question:

How can artificial intelligence (AI) be effectively integrated into project management to enhance the promotion of sustainability goals?

Answer:

AI can help project manager to predict the potential impacts and plan mitigation strategies accordingly.
• AI can optimize resource utilization by identifying opportunities to reduce waste, minimize energy consumption, and maximize efficiency throughout the project lifecycle.
• AI can help on risk assessment to identify environmental risks and vulnerabilities, allowing project managers to implement proactive measures to mitigate them and ensure project sustainability.
• AI can help to provide the effective communication and collaboration among stakeholders by providing real-time insights, feedback mechanisms, and personalized recommendations tailored to their sustainability preferences.
• AI can conduct lifecycle assessments of projects, products, and processes to evaluate their environmental footprint and identify opportunities for improvement.
  AI can help in making effective decisions by analyzing complex data sets, simulating scenarios, and recommending sustainable alternatives based on predefined criteria and objectives

Latin America
Marcos Tolmos Nehme

Question:

Do you believe that Project Managers will be replaced by Bots And AI?

Answer:

According to the Project Management Institute (PMI), only 35% of projects successfully meet their objectives, with common causes including unclear goals, poor communication, and inadequate stakeholder engagement. These aspects highlight the critical role of the human element in project management activities, which is unlikely to be better executed by bots and AI. However, tasks such as planning, defining project scope, and cost estimates can be effectively executed by AI machines. While AI can assist in automating repetitive tasks and providing data-driven insights, the human touch remains indispensable for effective communication, stakeholder engagement, and leadership in project management.

Question:

How can artificial intelligence (AI) be effectively integrated into project management to enhance the promotion of sustainability goals?

Answer:

In today's data-driven environment, organizations need to be prepared to manage larger volumes of information and make impactful and trusted decisions. While AI can support this process by offering advanced analytics and predictive modelling to predict potential environmental impacts and resource consumption, the key remains in working collaboratively and maintaining a balance between attention to detail and a focus on the big picture. Organizations must foster collaboration, ensure alignment towards shared visions and solutions, and remain mindful of ethical considerations when integrating AI into decision-making processes. By combining human expertise with AI capabilities, organizations can enhance their ability to manage complexity, drive innovation, and achieve sustainable project outcomes.

Wojciech Dymowski

Question:

Do you believe that Project Managers will be replaced by Bots And AI?

Answer:

No, unless we let it. The consequences of inventing or adopting new tools, technologies or methods strongly depend on how we approach them. We should remain proactive also now. Although the AI landscape changes dynamically it requires a much better understanding of human behaviours than the currently available AI models have. Project Managers need to adapt their roles and with no doubt can do it. One of the key directions is to be a greater communication intermediary with stakeholders. We should be happy with AI taking over some tasks and... we should keep finding better applications for our own minds! (Not AI generated 🙂)

Question:

How can artificial intelligence (AI) be effectively integrated into project management to enhance the promotion of sustainability goals?

Answer:

Since delivering value is the primary responsibility of Project Managers, we should start with this premise. AI is not inherently driven by value, especially not future value, which Project Managers must take into consideration. Project Managers need to clearly set project goals that include sustainability aspects and define the respective metrics. Unfortunately, we are still missing quality sustainability-related data; you can see it e.g. when analysing what current AI tools perceive as sustainability challenges and solutions. Only when Project Managers take responsibility for delivering data of good quality and quantity, making it available for AI training purposes, can we rely on effective applications. Even then, the perception of value among people needs to be considered. Market research indicates that sustainability influences buying decisions less than assumed; green materials are sometimes mistakenly presumed to be less durable... Thus, we return to the importance of communication, where Project Managers can and must address numerous challenges.

Ms Preeta Nair

Question:

Do you believe that Project Managers will be replaced by Bots And AI?

Answer:

Artificial Intelligence (AI) is transforming project management by automating routine tasks such as scheduling, resource allocation, and data analysis, which significantly improves operational efficiency and reduces the margin for error. These technologies can process and analyze vast datasets quicker than any human, offering valuable insights that can guide project planning and execution. However, AI lacks the capability for creative problem-solving, emotional intelligence, and ethical judgment—crucial elements in leadership and team dynamics. Human project managers excel in these areas, demonstrating irreplaceable skills like empathy, creativity, and moral reasoning. Consequently, while AI will increasingly handle administrative and analytical tasks, the nuanced aspects of project management that require human insight and intuition remain beyond its reach.

Question:

How can artificial intelligence (AI) be effectively integrated into project management to enhance the promotion of sustainability goals?

Answer:

Integrating AI into project management for sustainability goals requires intentional planning and clear objectives from the onset. By setting sustainability as a core project aim, AI can be leveraged for efficient resource allocation, optimizing energy use, and analyzing data to predict and mitigate environmental impacts. For instance, AI-driven tools can forecast the carbon footprint of various project outcomes, suggesting the most eco-friendly options. Additionally, AI can monitor project progress in real-time, ensuring that sustainability targets are met and adapting strategies dynamically to address unforeseen challenges, ultimately driving projects towards their green goals more effectively.

Africa
Dr. Gbolahan Pearl Oyelakin

Question:

Do you believe that Project Managers will be replaced by Bots And AI?

Answer:

Yes, I believe there are certain tasks or roles that project managers play on a project that will be replaced by AI-enabled or AI-powered programs or platforms with an aim to accentuate effectiveness and promote efficiency in ensuring quick delivery of values and project success. This speaks more to technical areas of the functions or responsibilities of a project manager that consider his level of competencies or technical abilities. However, I also believe AI will not replace project manager's roles in the areas of work that require application of soft skills. Even though there are emerging AI-powered humanoids, robots and other AI humanizer tools, humans remain highly irrational. The focus of project management in the project economy is people and not processes.

Question:

How can artificial intelligence (AI) be effectively integrated into project management to enhance the promotion of sustainability goals?

Answer:

Project management in the project economy requires a balance between scope, schedule and cost in order to continuously deliver values and project success. The complexity of the environmental, social and governance or human (ESG) impact of projects can be handled using AI technology. AI tools can be selectively used to facilitate the integrated process in project management. Also, AI technology and tools can be integrated in the project lifecycle assessment (LCA) which involves the life cycle analysis of projects to determine its impact on the environment and vice versa in order to ensure a balanced ecosystem for projects as well as achieve specific project environmental sustainability aspirations or objectives through reduction of the carbon footprints of the project. Thus, AI integration in project management will help in the utilization of green algorithms, green energy codes, effectively manage cost and optimize values. For example, in the area of energy management in project design and implementation and embodied energy in materials and products. Also, in the design, construction and operation of sustainable, resilient and high-performance buildings. Projects must have specific sustainability objectives as part of the overall project objectives.

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AI & SUSTAINABILITY IN PROJECT MANAGEMENT

MARCH 15, 2024

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THANK YOU FOR PARTICIPATING!!

477 Attendees

55 Countries

05 Continents

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Ahmed Ashfaq
PMI Mumbai

Priscila Mezzena
PMI Sao Paulo, Brazil

Aneta Wereszczak
PMI Poland

Dhammike Mendis
PMI Colombo, Sri Lanka

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