

# Generative AI Can it Disrupt Project Management?

**CHAPTER EXCHANGE**  
A PMI CHAPTERS COLLABORATION

**PMI**  
1.5 PDU's

**Generative AI Can it disrupt Project Management?**  
August 18th @ 1400 UTC

**Tom Bloemers**  
Guest Speaker

**Fola F. Alabi**  
Session Moderator

**Eduardo Bazo Safra**  
Panelist - Latin America

**Tao Chun Liu**  
Panelist - Asia

**Dr. Degrandó Dipoko**  
Panelist - Africa

**Richard Woodham**  
Panelist - Europe

**Anjana Wijegunasinghe**  
Panelist - Middle East



## Event Recap Arshad Syed

### Generative AI Can it disrupt Project Management?



- WBS (Toms Planner)
- Reporting
- Solving Problems
- Improving Quality
- Translation Tool
- Risk and Stakeholder Management
- Contracts review
- Texts reediting



- 76-77% of Senior IT Leaders promote Gen AI
- 28% - 40% in disruption in Jobs in the next 15 years
- Sole dependency on AI will set you up for failure
- Leadership and Interpersonal skills cannot be replaced
- Cannot connect the dots and in Knowledge Transfer



- Change is inevitable so challenge the status Quo in your Organisations
- AI will not replace PM's but PM's with AI skills will replace PM's
- Lead the change but be relevant be the L I F T: Learning, Innovation, Foresight, Transformative Thinking
- Be brilliant in basics but use technology too
- Read, Learn and Push your boundaries
- Master your PM Skills (connect, learn and give back)



## Attendee Spotlight

# Farhad Abdollahyan



Join our event and, through your participation, become a part of the panel.

### Generative AI Can it disrupt Project Management?

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**Farhad Abdollahyan**

*Remember that generative AI is a supportive tool, and human expertise and judgment are still crucial in project management. It's important to review and verify the AI-generated insights and recommendations before implementing them..*



10



**Europe**  
**Richard Woodham**

### Question:

How is Gen AI expected to change the way projects are conducted - or has it already changed?

### Answer:

In terms of the support of Generative AI to Project Managers in conducting a project. It is a very powerful support to generate text; graphics; sound; and video artifacts to support the execution of the project. Specifically:

1. Project Artifact Creation & Design: Working with many different Software Development Teams I can generate Requirements; User Stories; Screen Designs; Testing Scripts; Schedules; Project Reports; using ChatGPT and MetaGPT and deliver them for review directly to the teams.
2. Best Practice & Delivery Approach Identification: Based on providing specific criteria. Different Best Practices can be identified for optimal project delivery.
3. Risk Management: As part of the Project Planning and Initiation Process potential Risks of the particular type of project and domain can be identified and mitigated in advance based on the mining of the available data.
4. Decision Support: AI can analyze vast amounts of data and generate insights to support decision-making. Project managers can make more informed choices by leveraging AI-generated recommendations. As a senior project manager, these tools are already leading to higher productivity and being able to manage more initiatives in parallel.

### Question:

What knowledge domains are important now for project managers in the world of Gen AI?

### Answer:

Here are some important knowledge domains for project managers in this context:

1. AI Fundamentals: Project managers should understand AI concepts, including machine learning, deep learning, natural language processing (NLP), Data Science Concepts, and neural networks to communicate effectively with data scientists & technical teams and make informed decisions about AI implementation.
2. AI Project Lifecycle: Traditional project management methodologies need adjustments to accommodate new tasks in AI projects: Including data preprocessing, model training, evaluation, deployment, and ongoing monitoring and enhancement.
3. Change Management: Introducing AI lead to significant organizational changes. Project managers must help teams adapt to new AI-driven workflows, tools, and processes.
4. Ethics; Regulations and Compliance: In Europe, many regulations impact AI projects: Data Privacy; Employment; Financial; Security... Project managers should have a good understanding of these regulations to ensure projects are compliant.



## Africa

### Dr Degrande DIPOKO

#### Question:

How is Gen AI expected to change the way projects are conducted - or has it already changed?

#### Answer:

Generative AI is already changing the way projects are conducted, and the changes will continue to grow;

Assistance in the generation of ideas: solutions, new concepts, and designs are generated faster, depending on the type of requests (prompts) made; these contribute to providing more possibilities of solutions and stimulate creativity; thus, making brainstorming easier, and as such time may be shorter to achieve results.

- Repetitive tasks like data analysis and report generation can be handled automatically; this releases time for project managers and teams, that they can use to focus on more strategic and value-added activities.
- Assistance in Decision Making: As Generative AI can analyze large volumes of data in a short time, project managers can exploit insights and recommendations got from Generative AI, to make informed decisions faster, and as such improve project results.
- Another important change that needs to be reinforced is the adoption of appropriate management and leadership styles in the project environment, that will integrate change management processes necessary to adopt optimally the intrusion of Generative AI in project management.

#### Question:

What knowledge domains are important now for project managers in the world of Gen AI?

#### Answer:

All eight performance domains in project management (Stakeholders, Team, Development approach and Life Cycle, Planning, project work, Delivery, Measurement, uncertainty) are important in the world of Gen AI for project managers, as the use of generative AI affects all of them.

Knowledge of the basic understanding of Generative AI concepts and models is very important for project managers to have so that they will know how to correctly integrate the use of Gen AI in the different project management domains.

Knowledge on Change Management, as well as, on Ethical and Responsible use of Gen AI are particular areas in the domains that are especially important to be able to integrate the effective and efficient use of AI in project management.



## Asia

### Tao Chun Liu

#### Question:

How is Gen AI expected to change the way projects are conducted - or has it already changed?

#### Answer:

Over the past year, Generative AI has already brought about significant changes in project management, particularly in the pre-project initiation phase. Its impact is particularly pronounced in Agile methodologies, such as the Disciplined Agile Life Cycle - Exploratory (Lean Startup) during the Envision stage. Generative AI excels in rapidly generating diverse ideas even with minimal inputs, thus drastically reducing the duration of what used to be the lengthiest phase. Witnessing the launch and successful delivery of numerous projects daily is truly astonishing, and any potential limitations remain unclear to us at this point.

#### Question:

Are there any specific tools, methodologies, or frameworks that project managers can utilize to enhance their intrapreneurial capabilities?

#### Answer:

In this fast-paced modern world, we struggle to deliver projects with urgency and need to deliver business value. Agile methodologies offer the best tools & techniques to identify what's best for our project, product, and organization. It navigates us with its core values, principles, and different practices to deliver a value system. Key tannates that project managers can utilize to enhance their intrapreneurial capabilities are: Learn fast, learn from failures (aka. Learning opportunities) – Mantra for innovation Be nimble and anti-fragile – using 4Hs (heart, head, hand & home) Aligning project vision from product & organization's visions to deliver value – (Deliver value not just project)



**Latin America**

**Eduardo Bazo Safra**

**Question:**

How is Gen AI expected to change the way projects are conducted - or has it already changed?

**Answer:**

Gen AI is something relatively new. It started to change the way that we manage projects, and very soon, we will see a lot of changes. Gen AI frees us from repetitive but necessary tasks in a project. For example, using Gen AI makes it easier to design a new contract, write a bill, make calculations, etc.

In my case, Gen AI helps me for now in relatively simple tasks, but each time it will be able to help me with more complex issues, not only because Gen AI will improve rapidly over the years, but because many of my colleagues and I will learn to use it better and take advantage of it.

**Question:**

What knowledge domains are important now for project managers in the world of Gen AI?

**Answer:**

I think that the most important knowledge domain for project managers is learning about how to learn new technologies and understanding what AI implies and what is its disrupting potential.



**CHAPTER  
EXCHANGE**  
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**Generative AI Can it disrupt Project Management?**

**610 attendees**  
**74 countries**  
**1 Topic**  
**5 continents**





**Middle East**  
**Anjana Wijegunasinghe**

**Question:**

How is Gen AI expected to change the way projects are conducted - or has it already changed?

**Answer:**

Generative AI has already begun to significantly impact the way projects are conducted across various domains, and its influence is expected to continue growing.

Here are some ways in which Generative AI is changing or expected to change project workflows: 1. Project Planning and scheduling Ability to automatically add project tasks to the project team's calendar or reprioritize them based on their criticality to the project. Create work breakdown structures and scheduling of tasks based on resource availability and dependence on each phase etc.

2. Identify, evaluate, and respond to project risks. With the arrival of generative AI, it can provide valuable insights regarding several aspects of a project, including potential risks based on pre-trained data from previous projects. On top of it, the tools can help you identify the best mitigation plans based on a higher volume of training data spread across numerous projects of similar nature.

3. Communication Gen AI tools can help you identify stakeholders of your project and analyze, prioritize, and rank their relevance and interest. On top of this, it can also suggest your communication strategy to each stakeholder group. It could assist in project documentation, meeting minutes and action items, and even preparation of status reports on project progress.

4. Reporting Ability to have real-time reporting and project progress to stakeholders saving time for the project managers and the project team. Ability to design and deliver various insights and updates easily.

These are some of the high-level advantages and impacts of how projects are executed. This is evolving as we speak and the extent to which it can advance and help project manager drive their project smarter would depend on the creativity of the project managers in using this modern technology for their betterment.

**Question:**

What knowledge domains are important now for project managers in the world of Gen AI?

**Answer:**

Firstly, and most importantly they need to be 'Brilliant in basics,' basics of project management principles, domain/industry knowledge, and the power skills required to be a good project manager.

Secondly, they need to continuously upskill themselves in new and emerging technologies and tools which will have an impact on their line of work such as

1. AI and Machine Learning Fundamentals: need a solid understanding of the basics of artificial intelligence (AI) and machine learning (ML) concepts, including how Generative AI works, types of models, training processes, and evaluation metrics.

2. Data Science: Familiarity with data pre-processing, feature engineering, and dataset management is important for overseeing projects involving Generative AI. Understanding how data quality affects model performance and decision-making is essential.

3. Ethics and Bias in AI: They need to be aware of the ethical considerations and potential biases that can arise in AI-generated content. Understanding how to mitigate bias, ensure fairness, and adhere to ethical guidelines is essential.

4. Model Evaluation and Validation: Knowing how to assess the performance of Generative AI models, including choosing appropriate evaluation metrics and techniques, is important for ensuring the models meet project goals and requirements. 5. Licensing, Intellectual Property, and regulations: Understanding legal and regulatory aspects related to AI-generated content, such as licensing agreements, intellectual property rights, and regulatory compliance requirements, is essential to ensure compliance and avoid legal issues.

# This Insight Xchange Nugget is powered by volunteers across the world:



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Collaboration



**the Xchange effect**

A Virtual Journey of Cross-Country Collaboration and Co-Creation

Chapter Xchange

What is the Xchange Effect? The Xchange Effect is a phenomenon where diverse conversations across countries, cultures, and cultures lead to innovative solutions.

March 2020 was a moment that we know of, was suddenly exchanged. Everything that we learned about interactions and networking suddenly took on another dimension. And the world of the Project Management Institute's local chapters started looking for new solutions.

As "social distancing" became the norm, face-to-face meetings, the staple of local PMI Chapters network channels revealed to the virtual world, the chapter member engagement became crucial. Almost every chapter is looking for ways to improve members' engagement.

Excitement, albeit for a fledgling initiative coming from the PMI Chapter in Mumbai, India. The PMI Chapter Xchange is experiencing rapid growth in terms of members' engagement from all over the world.

In the book you learn:

- The genesis of the PMI Chapter Xchange
- How the journey started and how it evolved
- How the Power of the Xchange is used
- The Xchange and the Engagement Model
- The future of the Xchange

A book collaboration with four of the following authors & chapter leaders:

Dhammike Mendis (Sri Lanka), Priya Patra (India), Aneta Wereszczak (Poland), Aneta Wereszczak (Poland), Priya Patra (India), Aneta Wereszczak (Poland)

Find the book on amazon. Also available on kindle.

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Have a suggestion?

Feel free to drop a note to the PMI Chapter Xchange team by sending email to:  
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