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INCOSE Webinar Series

Wednesday 21st April 2021 – Webinar 149

**What PMI and INCOSE are doing to advance the
Future of PM-SE Integration**



Bernardo Tirado, Dave Garrett, Olivier Lazar, David Urias



Kerry Lunney, Marilee Wheaton, Mitchell Kerman, Randall Iliff, Tina Srivastava

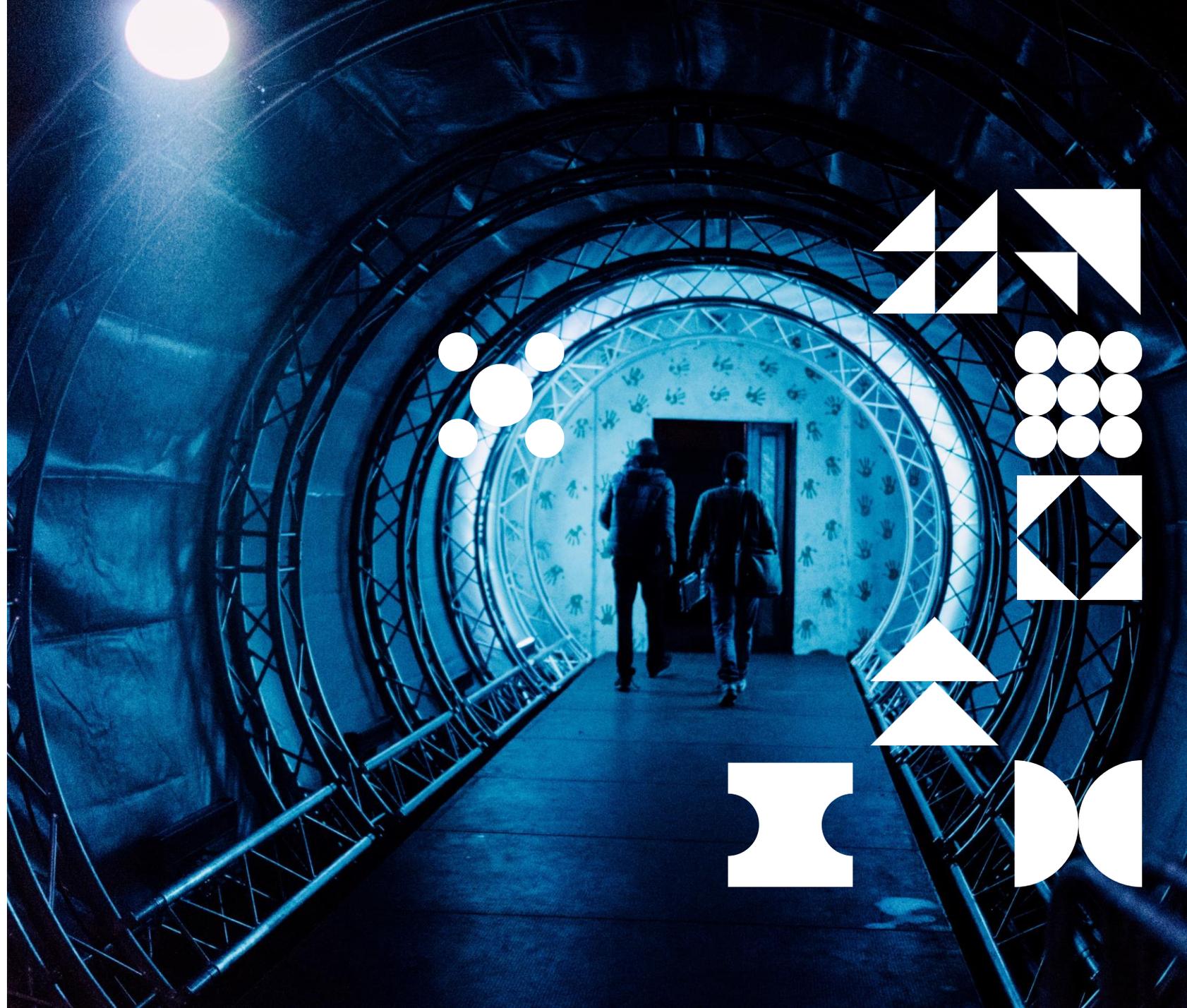


INCOSE & PMI PARTNERSHIP RENEWAL

Dave Garrett, Olivier Lazar, David
Urias, Bernardo Tirado

Strategic Alliances

21 April, 2021



Past Interactions & Fast Facts

PMI and INCOSE have had a formal and active alliance since 2010

- Two well-received publications were jointly authored in partnership with MIT
 - PMI / INCOSE / MIT research citations = 181 (Guide to Lean Enablers; PM / SE book and related publications)
 - Impact: 2013 recipient of the Shingo Prize for Operational Excellence for the Guide to Lean Enablers; elements of the PM / SE book practices are being incorporated into government and corporate practices (e.g., Infrastructure & Projects Authority in the U.K.; BAE Systems; Boeing); PMI India has been exploring a possible application of the integration framework with at least one of its customers
- Over half of INCOSE members are or will serve as project/program managers during their careers. About 1/3 of the members currently hold the PMP® credential and the *PMBOK® Guide* is well-known among the members.
- INCOSE's corporate and academic networks are very influential in the government and contractor arenas. INCOSE is also active in the ISO (International Organization for Standardization) arena, particularly with those standards related to risk management and quality
- The alliance has helped shore up relations between those members of the two groups whose heavy focus is on engineering project management (e.g., aerospace, defense, high technology, automotive)

Status of Current Initiatives

- Wiley has sold sufficient copies of the PM / SE integration book to be interested in a second edition

PM Skills Are Evolving – For All Change Makers

Technical Project Management

Everyone helps define both the problem and solution

Ways of Working

Strategic and Business Management

Everyone makes decisions and must understand their impact

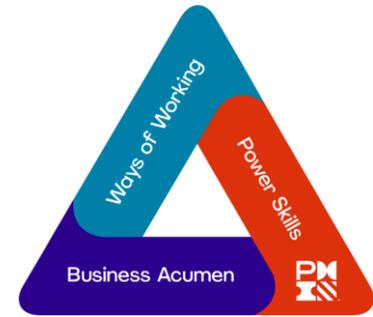
Business Acumen

Leadership

Everyone must collaborate and lead in their own way

Power Skills





Innovative
Mindset

Creativity

Humility &
Authenticity

Judgment

Interpersonal

Social
Responsibility

Team-Building

Financial
savvy

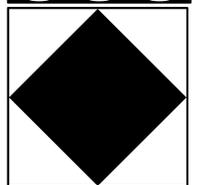
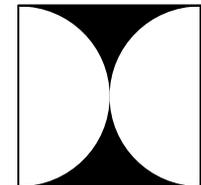
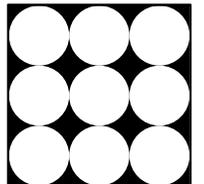
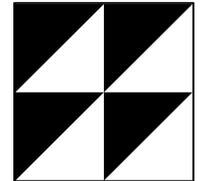
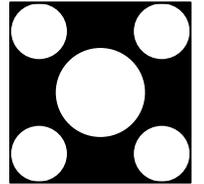
Strategic &
Purposeful

Empathy

Collaborative
Leadership

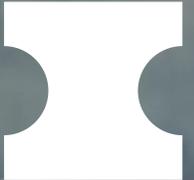
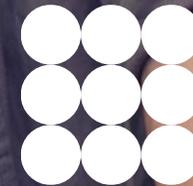
Mentor & Be
Mentorable

POWER SKILLS



Let's re-imagine the Future of Work – Together

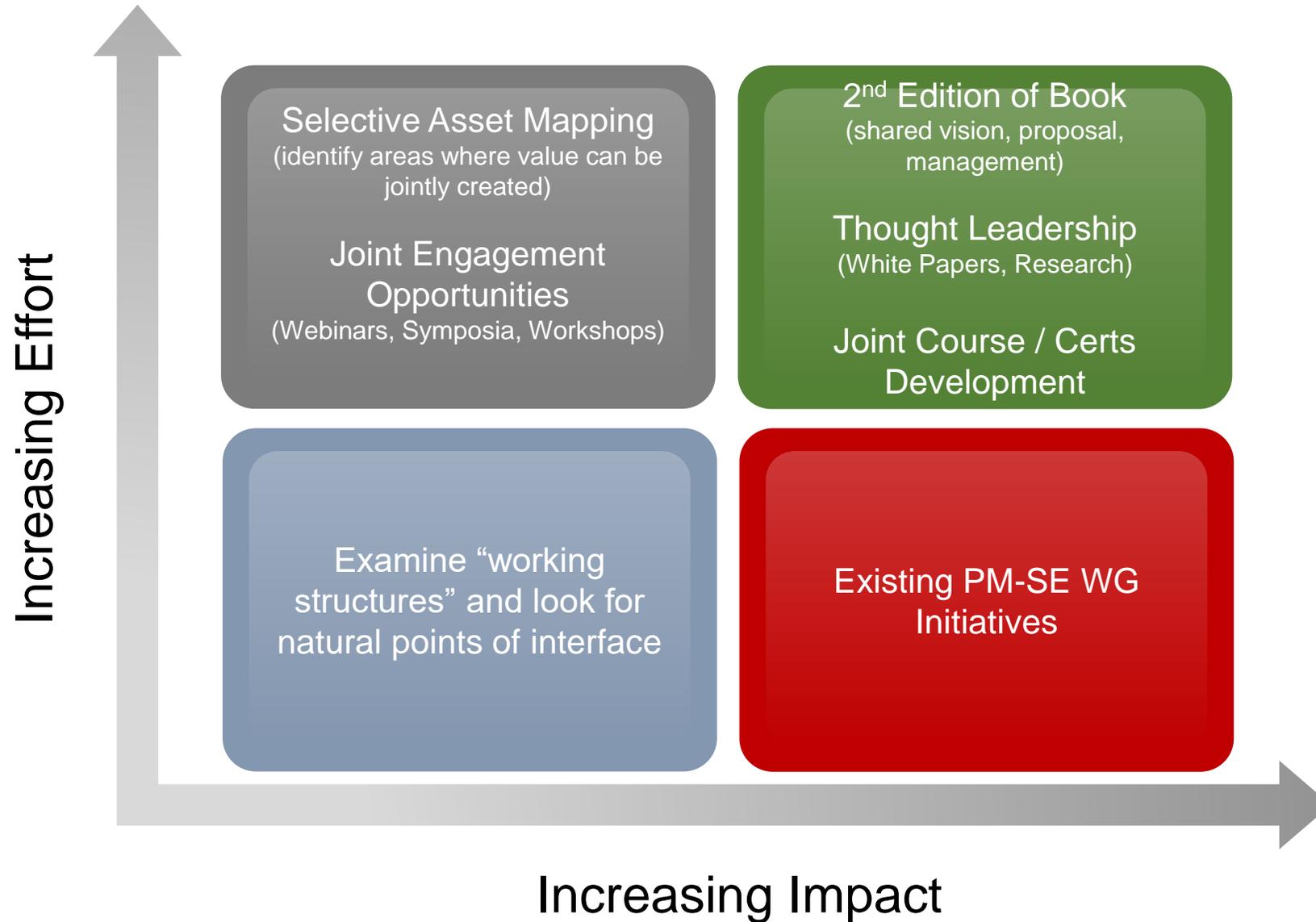
- Asset co-creation
- Training & certifications
- Sharing ideas and knowledge



INCOSE PM-SE Working Group

- The PM/SE Integration WG was established with the intention of identifying and promoting opportunities associated with effective integration of the Systems Engineering and Project/Program Management disciplines.
- This WG aims to facilitate collaboration between SE and PM communities, produce useful deliverables that support effective integration, and provide thought leadership on integration challenges.
- The WG has undertaken a number of initiatives to address the WG scope, including providing inputs to the new version of the Systems Engineering Handbook, comparison of the PMBoK and SE Handbook, Strategic Technical Planning, Project Breakdown Structures, and Academic/Research.

Four Quadrant View of Potential Interaction



A Question for Discussion

“How can PMI and INCOSE work more closely together to better support PM-SE integration needs?”



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