PM-SE Enhanced Integration Working Group (EIWG)



Monthly Steering Committee Meeting

Collaborators: INCOSE, PMI, & DSM

PM-SE EIWG Deliverables

- **Updating 10x SE BoK Wiki articles**
  - Two published in May 2026
  - 7 more being updated (see below)
  - Publish date: Nov 2026
  - Contributors to provide inputs by end of August 2026
  - SE BoK Articles:
    1. Project Planning
    2. Assessment and Control
    3. Technical Management Processes
    4. Procurement and Acquisition
    5. The Influence of Project Structure and Governance on Systems Engineering and Project Management Relationships (Replaces old article)
    6. The Nature of Project Management
    7. Relationships between Systems Engineering and Project Management

PM-SE EIWG Deliverables

- **Common language, process, and templates**
  - Publish date: November 2026
  - Contributors to provide Inputs by: October 2026
  - Templates:
    1. PM PgM Planning Guide
    2. Stakeholder Engagement Guide
    3. Requirement Gathering Guide
    4. Risk Management Guide
    5. PMO Joint Process Guide
- **Lifecycle Modeling Language (LML) V2.0 Update**
  - PM PgM language being added
  - Publish date: Q1 2027

PM-SE EIWG Deliverables



- BOXARR designs the complex system architecture (the "What")
- Lattix validates the code structure (the "How"),
- ADePT FLOW takes the outputs of both and builds the optimized execution schedule (the "When" and "Who").

Australia - Mining industry
Brazil - Oil and Gas industry
Canada - Medical Equipment industry
Finland - Escalator / Elevator industry
France - Food and Wine industry
Germany - Industrial Equipment industry
Italy - Ship and Boat Building industry
Japan - Automotive industry
Netherlands - Nuclear Fusion industry
Sweden - Healthcare industry
UK - Infrastructure Development industry
US - Aerospace industry

- **INTEGRATOR (IG):**
  - **BOXARR** for modeling complex interdependencies with Boxes (things), Arrows (relationship), and Groups (contexts) representing physical components, tasks, and legal requirements.
  - **Lattix** for software architecture interdependencies and system-to-software requirements allocation.
- **CONDUCTOR (CN):**
  - **FLOW** for defining and streamlining (optimization is part of it) the process. The different views are like a map. Blockages, hindrances, barriers can be identified during project delivery.

PM-SE EIWG Timeline

PMI SE Working Group

Project Management Institute.

INCOSE

2011

- **A strategic alliance formed between INCOSE and PMI**
- A joint white paper* published

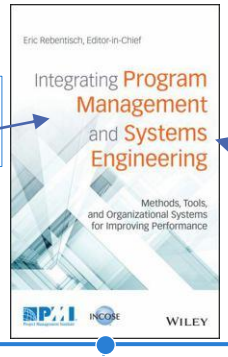
2012-2013

- 2012: PM, INCOSE, MIT joint survey
- 2012: Shingo prize-winning guide
- 2013: First phase study released



2014-2015

- 2014: 2nd & 3rd phase study released
- 2015: PM, INCOSE, joint book initiated



2016

- **PM-SE IWG launched during 2016 INCOSE INCOSE Symposium**

2017

- PM, INCOSE, joint book** published
- Webinar series kicks off

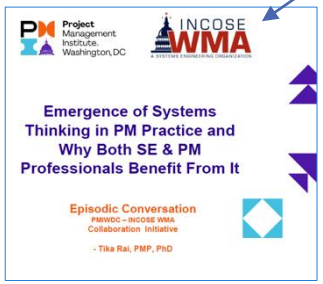
2022

- PM-SE tensions & opportunities presented at PMI Global Summit***
- **PMIWDC and INCOSE WMA charter signed to collaborate at chapter the level**
- PM-SE IWG presented during INCOSE chapter meeting by PMIWDC



2025-till now

- 2025: INCOSE IS hosts 'Empowering SEs and PMs: Unlocking the Potential of DSMs" webinar
- **2025: DSM joins the collaboration, PMIWDC kicks off CoPs****
- **2025: The charter is renewed**
- **2025: The chapter level PM-SE collaboration Steering Committee is formed and gains momentum to throttle the effort forward**
- **2026: INCOSE WMA kicks off SE Excellence Awards with PM as qualifying and judging criteria**



INCOSE: International Council for Systems Engineering
WMA: Washington Metro Area

2026-2027

*Toward a New Mindset: Bridging the Gap between Program Management and Systems Engineering
**Integrating Program Management and Systems Engineering

***Same content was presented during INCOSE LA meeting in 2024
****First CoP: Systems Thinking in PM. Second CoP, PM-SE Collaboration. Former merged with the latter due to overlaps.