

Systems Engineering and Project Management

From SEBoK

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The goal of [project management](#) project management is to plan and coordinate the work activities needed to deliver a satisfactory product, service, or enterprise endeavor within the constraints of schedule, budget, resources, infrastructure, and available staffing and technology. The purpose of this knowledge area (KA) is to acquaint systems engineers with the elements of project management and to explain the relationships between systems engineering (SE) and project management (PM).

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Topics

Each part of the SEBoK is divided into knowledge areas (KAs), which are groupings of information with a related theme. The KAs, in turn, are divided into topics. This KA contains the following topics:

- [The Nature of Project Management](#)
- [An Overview of the PMBOK® Guide](#)
- [Relationships between Systems Engineering and Project Management](#)
- [The Influence of Project Structure and Governance on Systems Engineering and Project Management Relationships](#)
- [Procurement and Acquisition](#)
- [Portfolio Management](#)

References

Works Cited

None.

Primary References

Fairley, R.E. 2009. [*Managing and Leading Software Projects*](#). Hoboken, NJ, USA: John Wiley & Sons.

Forsberg, K., H. Mooz, and H. Cotterman. 2005. [*Visualizing Project Management*](#), 3rd ed. New York, NY, USA: John Wiley & Sons.

PMI. 2013. [*A Guide to the Project Management Body of Knowledge \(PMBOK® Guide\)*](#), 5th ed. Newtown Square, PA, USA: Project Management Institute (PMI).

Additional References

None.

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