

# Lean Systems Engineering (LSE) (glossary)

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*(1) The application of lean principles, practices, and tools to SE to enhance the delivery of value to the system's stakeholders. (Oppenheim, Murman, and Secor 2011)*

*(2) Lean Systems Engineering (LSE) is the area of synergy between lean thinking and SE, with the goal to deliver the best life-cycle value for technically complex systems with minimal waste; under the lean SE philosophy, mission assurance is non-negotiable, and any task that is legitimately required for success must be included, but it should be well-planned and executed with minimal waste. (INCOSE 2012)*

## Sources

(1) Oppenheim, B., Murman, E., and Secor, D. 2011. "Lean Enablers for Systems Engineering." *Systems Engineering* 14(1): 29-55.

(2) INCOSE. 2012. *Systems Engineering Handbook: A Guide for System Life Cycle Processes and Activities*, version 3.2.2. San Diego, CA, USA: International Council on Systems Engineering (INCOSE), INCOSE-TP-2003-002-03.2.2.

## Discussion

None.

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