Small Business Systems Engineering

www.incose.org/IW2020
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INCOSE CONNECT ADDRESS
https://connect.incose.org/WorkingGroups/SBSE/Pages/Home.aspx

INCOSE WEB PAGE
https://www.incose.org/incose-member-resources/working-groups/transformational/SBSE
Charter Summary

WG PURPOSE/MISSION

The SBSE WG Purpose

- Is to support Systems Engineering concepts that have been adopted and adapted by most industries
- In the context of Very Small Entities (VSE) and small projects, that these concepts be tailored to improve:
  - Product development efficiency
  - Product Quality
  - Contribute to Standardization

WG GOAL(S)

The SBSE WG Goal

- Support and promote the application of SE by Entities with a workforce of five (5) up to twenty-five (25) persons
- In the context of VSE's, these concepts can be used or tailored to improve:
  - Product development and service delivery efficiency (including costs and delays)
  - Lifecycle Management Guides and Deployment Packages (DP) to meet stakeholder needs

WG SCOPE

This working group has the scope of the ISO 29110 as it pertains to organizations of five (5) up to twenty-five (25) persons.
IW Outcomes

A Technical Project Plan (TPP) is in submission for

- Basic Profile Guide
- Configuration Management DP
- Project Management DP
- System Requirements Engineering DP
- System Architecture DP
- Interface Management DP
- System Integration DP
- Verification and Validation DP
- System Deployment DP
- Self-Assessment DP
Planned Work past IW

PLANNED ACTIVITIES

- Develop marketing material to distribute at conferences, chapter, and WG meetings
- Collaboration with INCOSE WG’s to develop domain specific work products

PLANNED WORK PRODUCTS

- Update the Guide for the Intermediate Profile and the associated DP”s.
- This WG seeks to add MBSE capability to the nine (9) DP”s