

Energistics Standards Development Life Cycle										
STAGES	0:Discovery	1: Activity planning	2: Requirements	3: First Specification	4: Iterate on Spec	5: Final Reviews	6: Early Adoption	7: Full Adoption	8: Effectiveness	9: Retirement
<b>Description</b>	Identify and qualify opportunities	Plan stages 2 - 9	Produce workflows	Produce first draft/validate proof of concept	Iterate, test, validate, review to meet requirements	Formal internal and external reviews	Develop and deploy standard to small group/pilot project???	Wider roll out, implementation and promotion	Evaluate usage, value & satisfaction	Withdraw or retire standard or version/replace with updated
<b>Activities</b>	Monitor input from markets, industry, members, SIGs, SAC; prioritize and qualify opportunities for standards development.	Take a Stage 0 opportunity & develop a credible, detailed project plan to execute stages 2-9 of this process.	Produce business-value-oriented workflows with constraints & objectives for standards and best practices.	Produce first draft of specification for standards, best practices & supporting materials per Stage 2 requirements. Proof of concept validation by intellectual or technology verification.	Refine standards, best practices and supporting materials until requirements satisfied and spec determined to be "stable" through iterative testing, validate and review process.	Formal review by membership, market, industry of completed work products. Identify and resolve issues raised during review process.	Product development, solution configuration, deployment; Promotion, education & support activities.	Continued product development, solution configuration, deployment; identify, track, resolve issues; Promotion, education & support activities.	At specified intervals (e.g., every 3 to 5 years) examine and evaluate usage, value & satisfaction of standards, best practices & ref materials.	Announce intent to withdraw support of standard that is no longer deemed useful (usually due to later version or newer standard).
<b>Activities Done By</b>	SIG or other Work Group, possibly in liaison with outside groups; or SAC (for assessing strategic candidate opportunities not already covered by an active Community)	Work Group closest to understanding business context and potential value with relevant experience and skills, e.g., SIG or Region Work Group	Subject and context expert groups: SIG work group & supported by Energistics Staff	Technically competent work group: SIG Work Group, with support from Energistics Staff	Technically competent work group: SIG Work Group, with support from Energistics Staff	Technically competent work group: SIG Work Group, with support from Energistics Staff. Also, invited external subject experts, membership, marketplace, interested industry/organizations	Subject area groups/SIG deployment support teams; support staff; product developers; solution deployers; end-users	Subject area groups/SIG deployment support teams; support staff; product developers; solution deployers; end-users	Subject area groups/SIG deployment support teams; support staff; product developers; solution deployers; end-users	Subject area groups/SIG deployment support teams; support staff; product developers; solution deployers; end-users
<b>Key Question to answer on Stage Exit</b>	Opportunity fits criteria?	Opportunity ready to go?	Value proposition supported?	Requirements Supported?	Ready for final public view?	Ready to release?	Early adopter criteria met?	Full adoption criteria still met?	Still viable?	N/A
<b>Exit Criteria</b>	Well-defined opportunity for full lifecycle of resulting standard; good value delivery potential; ideally sized for effectiveness	Reviews by: work groups, communities, & SAC (if strategic)	Review by: work group, encompassing group (SIG) & relevant external experts	Work group review	Review by: work group, and SIGs on significant & final reviews	Parallel reviews by: membership, public, other interested groups & regions, SAC	Measure success against defined objectives, questions & issues raised during this stage	Measure success against defined objectives, questions & issues raised during this stage	Measure success against defined objectives, questions & issues raised during this stage; treat this review as focused equivalent of Stage 0 opportunity identification & assessment	Measure readiness for retirement against defined criteria such as availability of next version or other replacement standard
<b>Prep for Next Stage</b>	Harvest opportunities for annual business plan; identify resources to execute Stage 1.	Ensure plan is ready for Stage 2; if not re-work & re-assess viability, reformulate or drop.	Ensure readiness for Stage 3; if not re-work & re-assess viability, reformulate or drop.	Ensure readiness for Stage 4; if not re-work & re-assess viability, reformulate or drop.	Continue iterations & revisions until ready for Stage 5; if concerns arise, re-assess viability, reformulate or drop.	If successful, publish new standards release & go to Stage 6. Serious issues? Return to Stage 4.	If early adoption criteria achieved go to Stage 7; if only minimum usage thresholds reached, re-assess viability, reformulate or drop.	If adoption criteria remain successful continue: when specified eval time arrives go to Stage 8; if minimum usage thresholds reached, re-assess viability, reformulate or drop.	If audit results OK, remain in Stage 7; if new life cycle opportunity exists go to Stage 0 and/or 1; if audit results unsatisfactory & newer version/standard available, go to Stage 9.	If retirement criteria met, declare deprecation timeline leading to full retirement. If existing value found, return to Stage 6 or 7.
Activities and Interactions										
	Discovery	Define Solution	Develop Results	Deploy Results	Deepen Value					
<b>SAC</b>	<b>Role</b>	Communicate organizational strategy	Rationalize & harmonize solutions	Monitor development	Communicate with Energistics & business units	Extend adoption & implementation				
	<b>Goal</b>	Strategic alignment	Maximum community benefit	Alignment between solution defined and delivered	Organizational acceptance	Improved KPIs				
<b>Energistics</b>	<b>Role</b>	Propose & analyze new opportunities	Understand community requirements	Facilitate design, developments, reviews, validation and pilots	Rollout, release, communication, monitoring & support	Cost ???? Improvements & product extensions				
	<b>Goal</b>	Advance solution roadmap & increase member loyalty	Specifications meet community requirements	Industrial strength product	Trouble-free rollout & implementation	Greater member satisfaction				
<b>SIGs</b>	<b>Role</b>	Propose & validate new opportunities	Communicate business & technical requirements	Contribute to development, perform reviews & validation. Pilot solutions.	Monitor implementation	Finding ways to improve adoption				
	<b>Goal</b>	Provide solution to business problem	Specifications meet requirements	No errors or gaps.	No business disruption	More efficient & effective business				