

Knowledge Aware Maturity Model

September 25, 2018

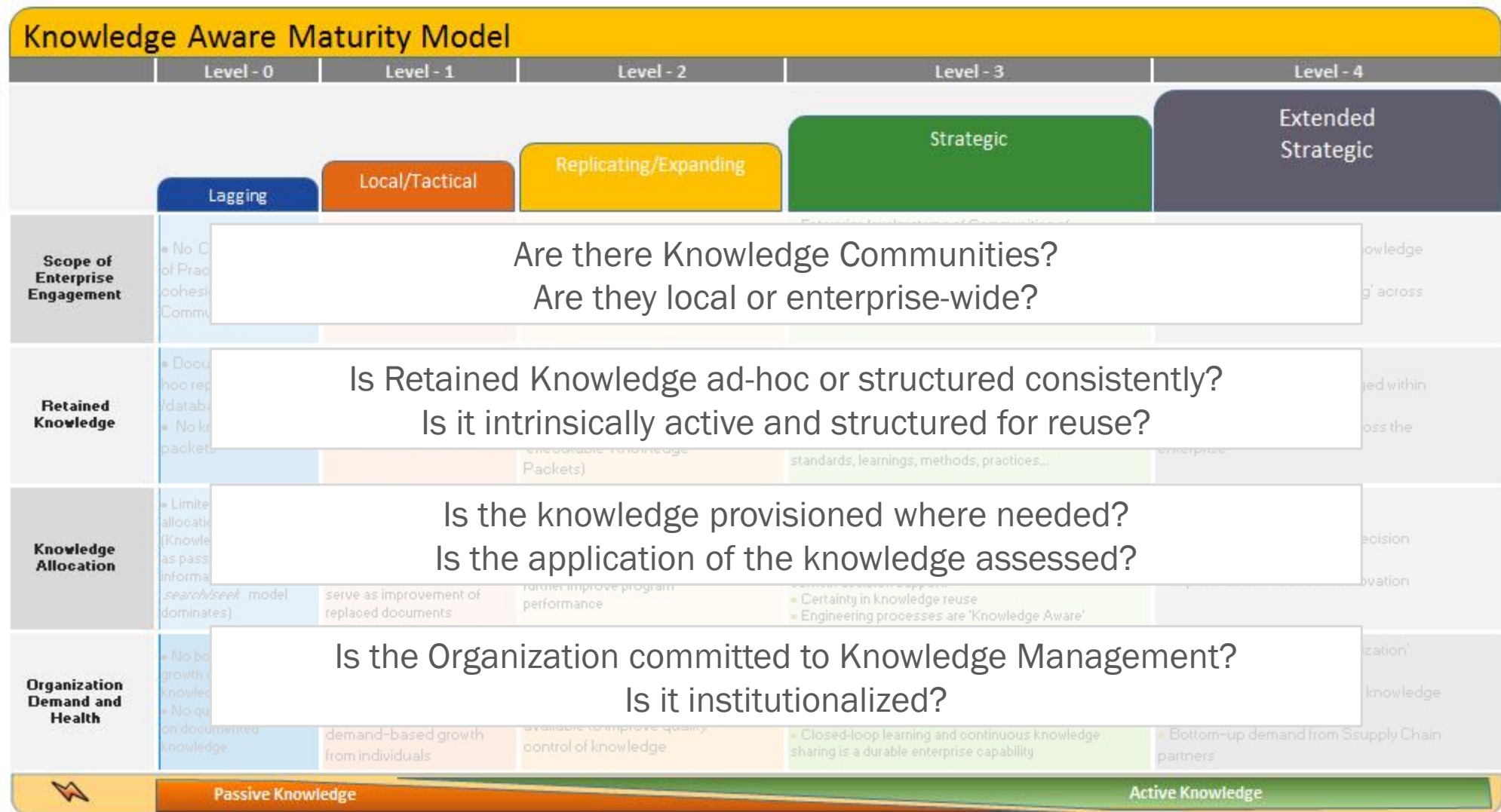


Knowledge Aware Maturity Model

Knowledge Aware Maturity Model					
	Level - 0	Level - 1	Level - 2	Level - 3	Level - 4
				Strategic	Extended Strategic
	Lagging	Local/Tactical	Replicating/Expanding		
Scope of Enterprise Engagement	<ul style="list-style-type: none"> No Communities of Practice or weak cohesion within Communities 	<ul style="list-style-type: none"> One Community of Practice or One System of Communities of Practices 	<ul style="list-style-type: none"> Multiple Systems of Communities of Practices 	<ul style="list-style-type: none"> Enterprise level systems of Communities of Practices Organic complexity (Community of Practice to Community of Practice relationships) evolving around systems of Communities of Practice, Bottom-up 	<ul style="list-style-type: none"> Supply Chain and partner knowledge sharing Managed 'knowledge leasing' across partners
Retained Knowledge	<ul style="list-style-type: none"> Documents or ad hoc repository / database No knowledge packets 	<ul style="list-style-type: none"> Knowledge Packets migrated from legacy documents / databases 	<ul style="list-style-type: none"> New Knowledge Packets generated by lead users Increasing use of value tables to model knowledge (upgraded 'executable' Knowledge Packets) 	<ul style="list-style-type: none"> New Knowledge Packets generated across the enterprise Knowledge Packet shared (push/pull) across Communities Knowledge Packet single 'gold source' for standards, learnings, methods, practices... 	<ul style="list-style-type: none"> Knowledge Packet exchanged within supply chain Key learnings integrated across the enterprise
Knowledge Allocation	<ul style="list-style-type: none"> Limited or no allocation (Knowledge is viewed as passive 'reference' information, <i>search/seek</i> model dominates) 	<ul style="list-style-type: none"> Organized experimentation with Assessments (allocation of knowledge) Knowledge Packets serve as improvement of replaced documents 	<ul style="list-style-type: none"> Assessments integrated into key workflows driving improved outcomes by leading Communities Assessment measurables used to further improve program performance 	<ul style="list-style-type: none"> Assessments broadly used to drive project performance and decision making across all phases of engineering Assessments integrated in modeling environments for continuous verification and in-context decision support. Certainty in knowledge reuse Engineering processes are 'Knowledge Aware' 	<ul style="list-style-type: none"> Optimized verification and decision support across value chain Experts able to focus on Innovation
Organization Demand and Health	<ul style="list-style-type: none"> No bottom-up growth of retained knowledge No quality controls on documented knowledge 	<ul style="list-style-type: none"> Leadership inspired, top-down push for growth Sparks of bottom-up demand-based growth from individuals 	<ul style="list-style-type: none"> Growing bottom-up demand, less dependent on Leadership led growth 'Vitality' statistic measured and available to improve quality control of knowledge 	<ul style="list-style-type: none"> Virtuous Cycle begets increasing levels of demand leading organic growth 'Vitality' statistic used to refine and manage signal:noise of Communities and Knowledge Packets (consistent quality control) Closed-loop learning and continuous knowledge sharing is a durable enterprise capability 	<ul style="list-style-type: none"> Benefits of a 'learning organization' realized Supply Chain advantages in knowledge sharing Bottom-up demand from Supply Chain partners
	Passive Knowledge			Active Knowledge	

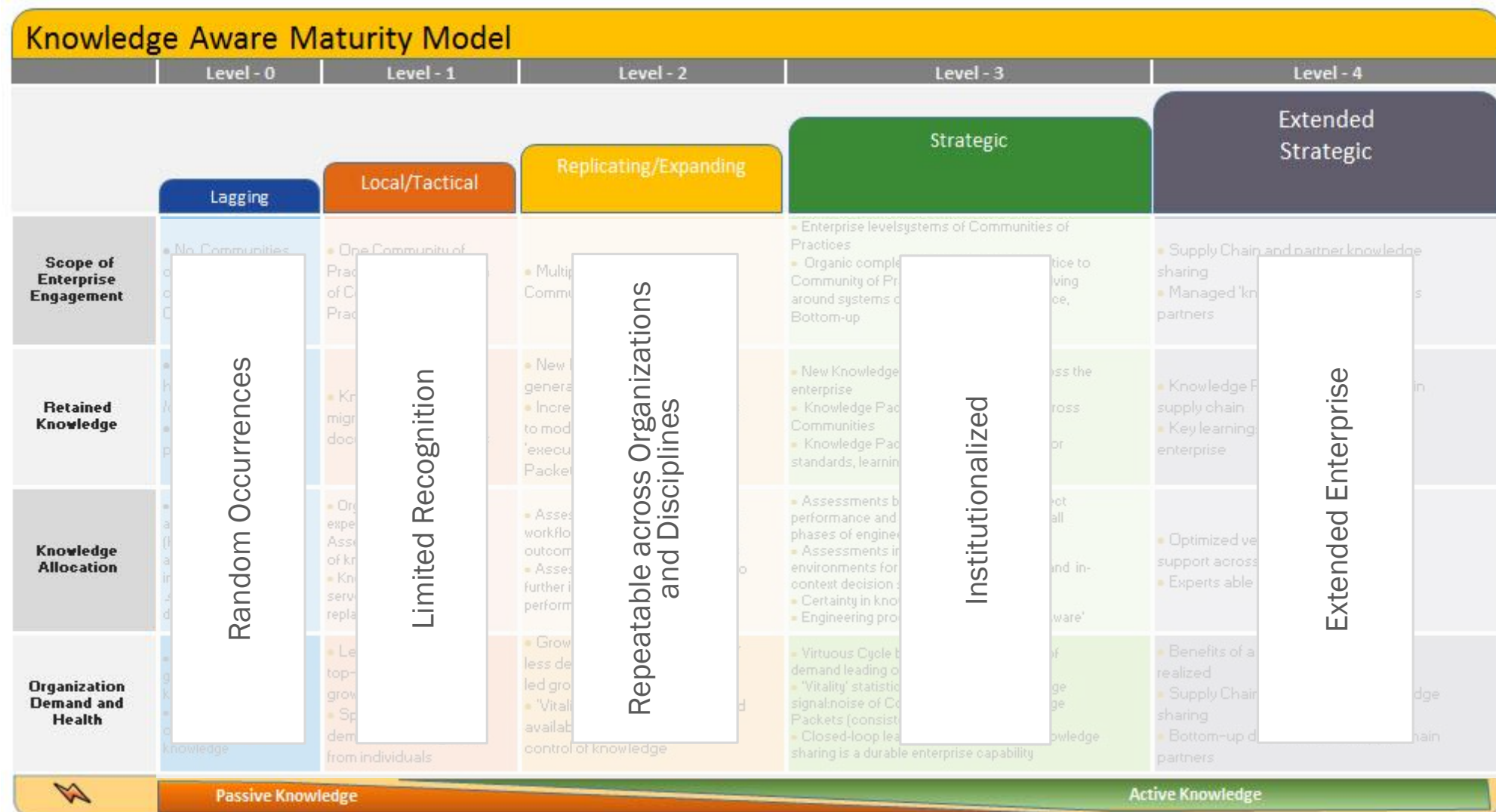
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Organizational Features



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Maturity Levels



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Passive vs Active

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Organization Demand and Health	<ul style="list-style-type: none"> No bottom-up growth of knowledge No question of knowledge 	<ul style="list-style-type: none"> Leadership inspired, 	<ul style="list-style-type: none"> Growing bottom-up demand, 	<ul style="list-style-type: none"> Virtuous Cycle begets increasing levels of 	<ul style="list-style-type: none"> Benefits of a 'learning organization'

Passive Library Model vs. Intrinsically Active and Delivered



Passive Knowledge

Active Knowledge

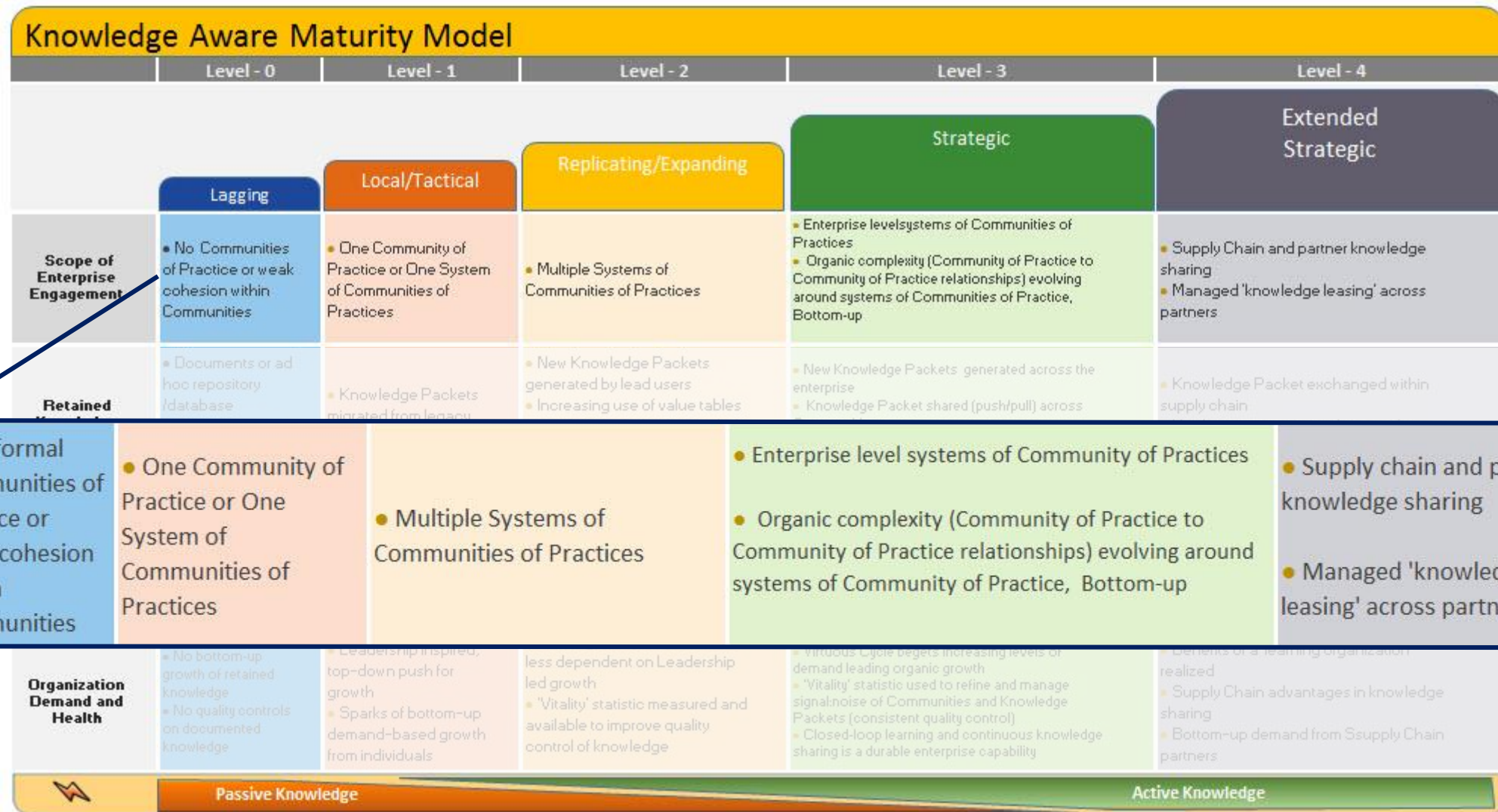
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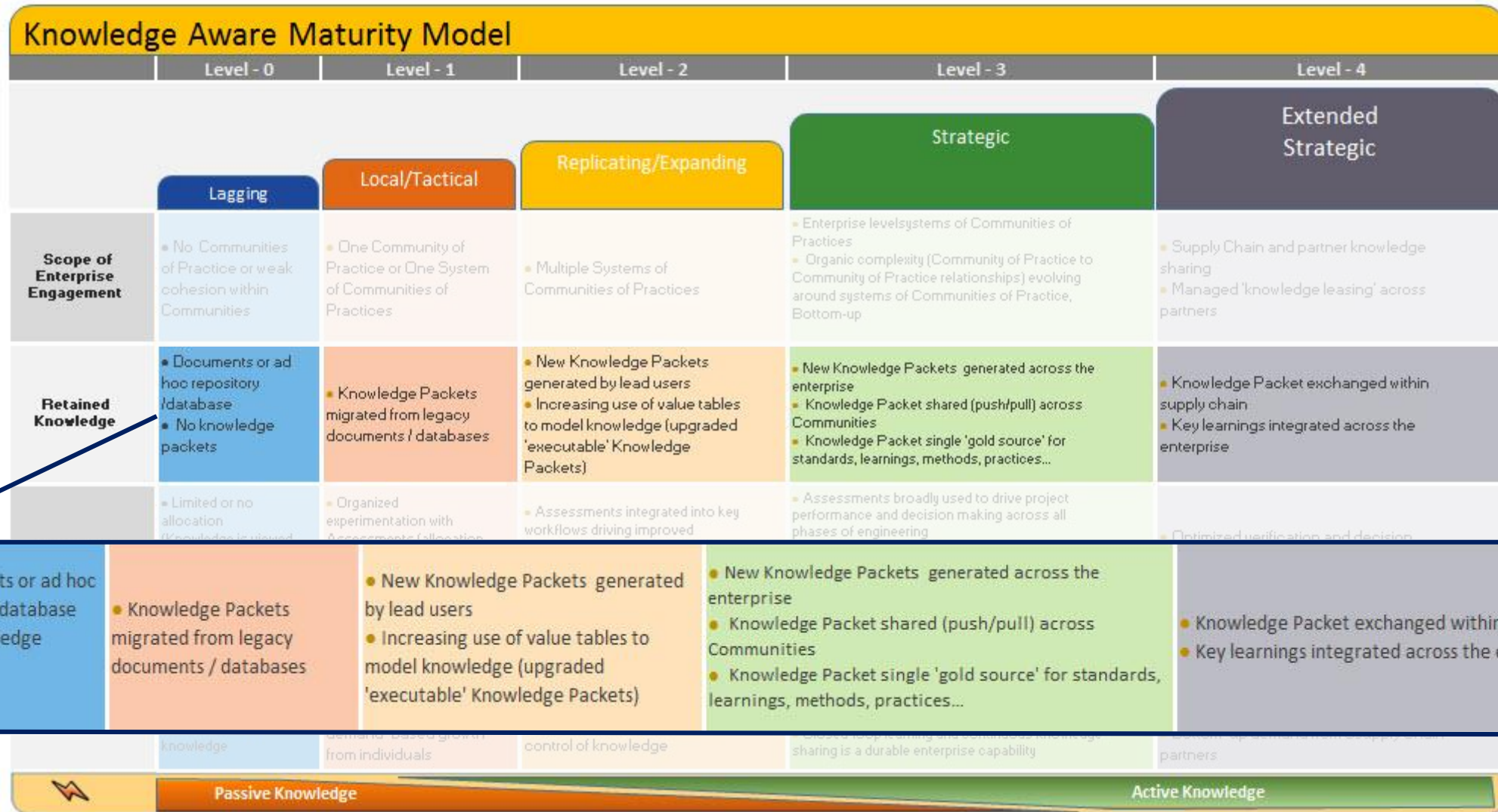
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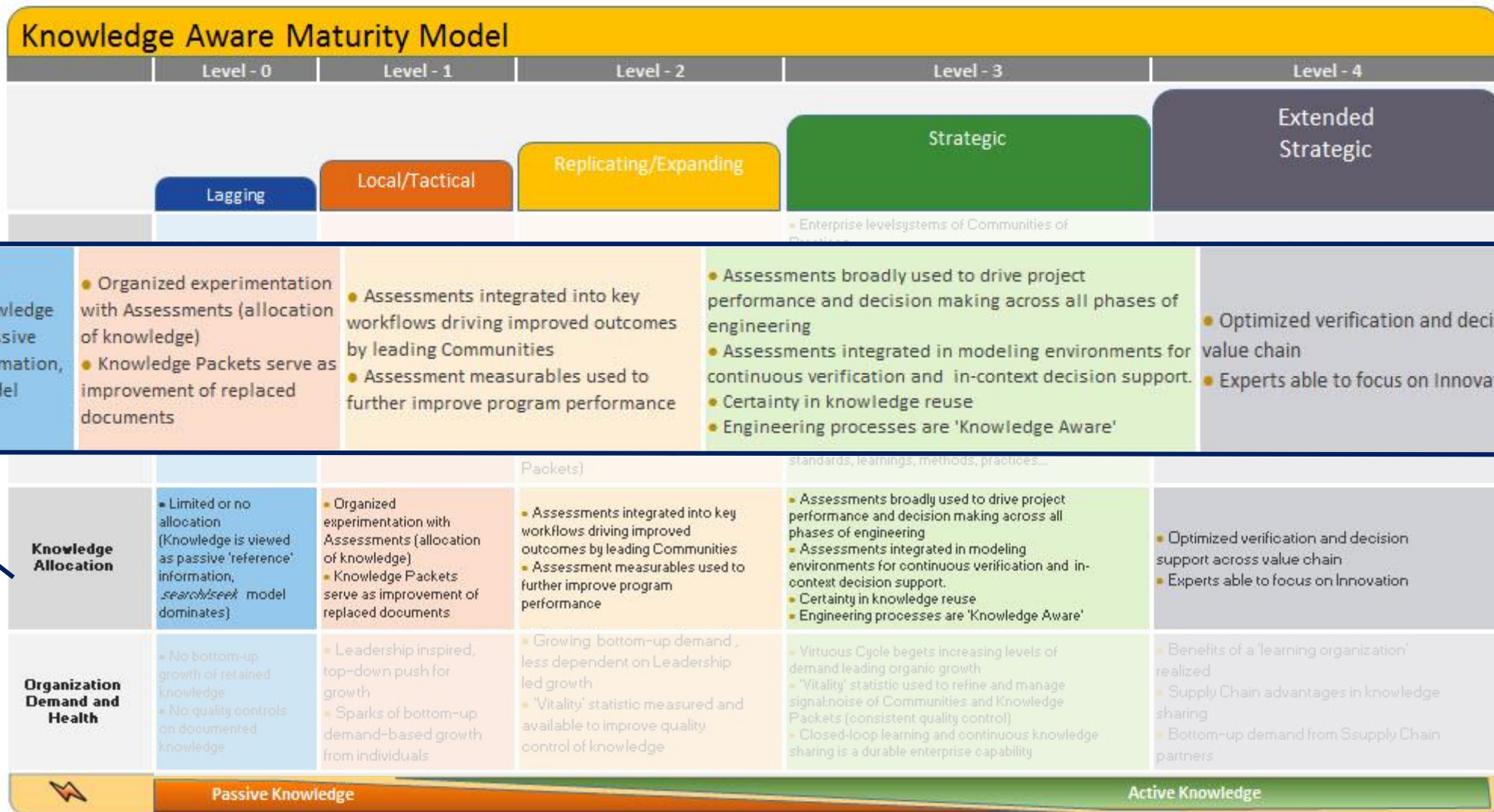
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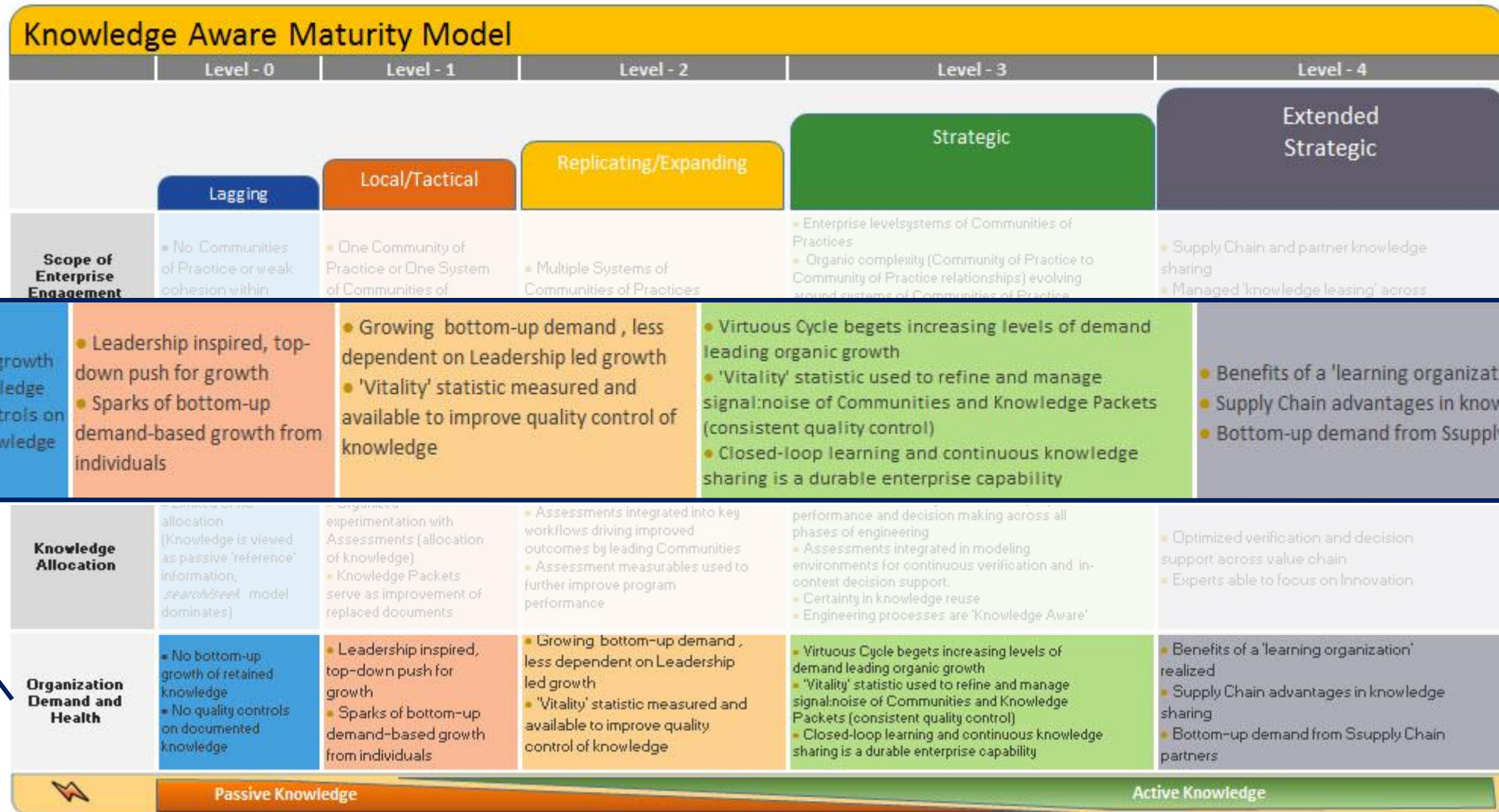
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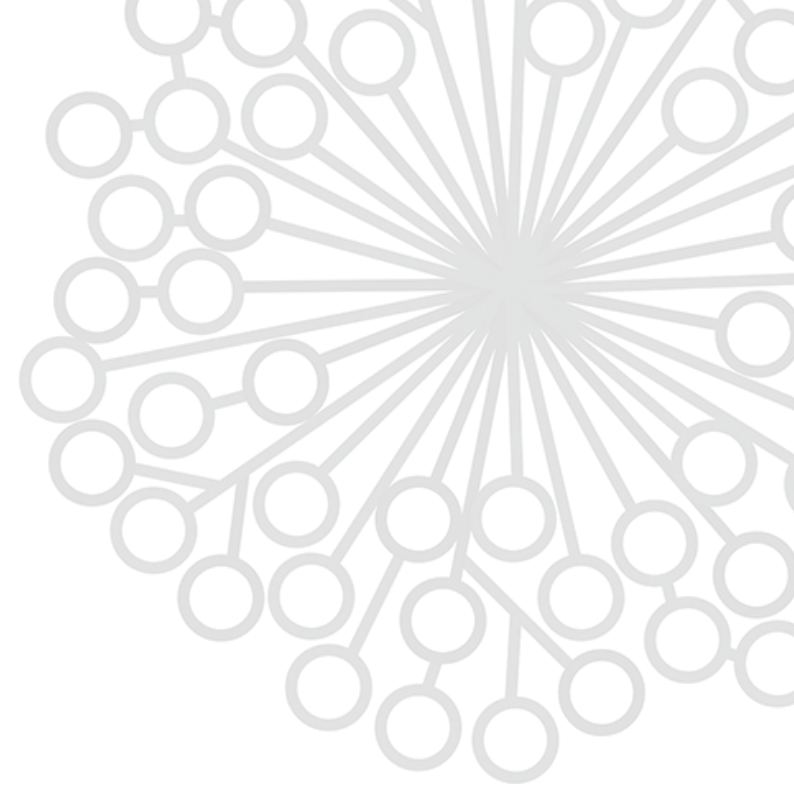


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Thank You
